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2006 SITE INVESTIGATION

CHEMICAL RECYCLING INC. SITE
WYLIE, COLLIN COUNTY, TEXAS

January 2007
Revised April 2007
Revised August 2009

	Signature	Date
Golder Associates Inc. Project Director Mr. Jay Winters, P.G.	Jay Wint	8/31/09
Golder Associates Inc. Project Manager Mr. Jack Plitt, P.G.	J M B Plitt	8/31/09

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1.0 INTRODUCTION

1.1 Project Background

The Chemical Recycling, Inc. facility is located at 802 Kirby Street in Wylie, Collin County, Texas as shown on Figure 1. The site encompasses a total of five (5) acres, approximately three and one-half (3.5) of which are within fencing. The plant area is fully fenced. There is another fence, designated as "outer fence", running east-west approximately 160 feet north of the "north fence" of the plant area. The site is accessed by Highway 544 to its south, and is approximately one-half (0.5) mile from the center of the city of Wylie.

This report on the 2006 site investigation has been prepared by Golder Associates Inc. (Golder) on behalf of the Chemical Recycling Inc. Steering Committee (Committee) for the Chemical Recycling Inc. Site (Site). The field investigation was conducted in accordance with the Sampling and Analysis Plan (SAP), which includes a Field Sampling Plan (FSP) and a Quality Assurance Project Plan (QAPP), to addresses site investigation activities for groundwater and soil required under the Administrative Order on Consent (AOC), USEPA Index No. CERCLA-VI-08-89, entered by the U.S. Environmental Protection Agency (USEPA) in 1999.

The purpose of the field investigation was to gather data for characterizing potential impacts associated with experimental roads located at the site and to collect groundwater samples from on-site monitoring wells to characterize previously identified groundwater impacts..

All work was conducted in accordance with the SAP submitted in June 2006. All quality assurance (QA) procedures were conducted in accordance with the QAPP and health and safety procedures were conducted according to the Health and Safety Plan (HSP).

The work consisted of three major tasks:

- Site Inspection and Water Well Search;
- Soil borings at the experimental roads; and
- Sampling of existing on-site monitoring wells.

The field investigation was conducted between November 2006 and December 2006. Golder personnel conducted all soil and groundwater sampling activities. Laboratory analysis of the samples was conducted by e-Lab (Houston, Texas). Alpine Field Services, Inc. (Houston, Texas) completed the majority of the soil borings utilizing a tractor mounted GeoProbe® rig and Shields and Lee Surveyors (Dallas, Texas) surveyed the soil boring locations and the monitoring wells at

the completion of the field program. Photographs taken during the field program are included in Appendix A.

Investigation derived waste generated during site investigation field activities included: soil, decontamination water, purge water, well development water, and PPE. Waste was containerized in 55-gallon steel drums. The drums were staged on-site and will be disposed of in accordance with all applicable state and federal regulations.

This report documents the results of the 2006 site investigation. The following section summarizes the site history and previous investigations conducted at the site.

1.2 Site Background

Figure 2 is a photogrammetric base plan of the site prepared by Texas Aerial Surveys in 1989. Identification of specific structures has been added to this base plan based on Mr. Siemoneit's (site owner) deposition.

An office and warehouse building is located at the south end of the site. The main plant access road runs north-south to the east of the office, and splits east-west approximately 300 feet from the south boundary. Also visible on the property are two "experimental roadways" which were reportedly constructed of still bottoms. Road 2 runs north-south from the east side of the production pad area, approximately 280 feet, to the "outer fence" boundary, where it makes a "T". Road 3 was constructed primarily as a fire barrier and runs north-south nearly the entire length of the property. A pond is located in the central portion of the site immediately east of the main access road.

Approximately twenty (20) above-ground bulk storage tanks were reportedly used for both raw waste and processed waste fuels storage. Most of these tanks were located near the north fence line in the "tank pad" area (See Figure 2). Other tanks were located adjacent to the main access road directly north of the pond. All tanks and drums have been removed from the site. A containment dike approximately 2 feet high bounds the entire perimeter of the tank pad area. Another dike runs adjacent to the access road and partially encloses the tank area to the southeast. All tanks have previously been removed from the site.

The main production area is south of the tank pad area. Its north side is bounded by two concrete "drying beds" which were used for temporary storage of still bottoms. The dimensions of the drying beds are approximately 3 feet deep, 25 feet wide, and 50 feet long. The main production

pad is located directly south of the drying beds. Two process stills were located on the east side of the production pad. Adjacent to these, on the north and west sides, were tanks which were used for storing reclaimed solvents after processing. Waste storage tanks, also used for temporary storage, were located on the south boundary of the production pad area.

Numerous drums were stored in four separate areas of the site. The two primary drum storage areas were located on the north side of the property to the east and west of the "tank pad" area. Drums were also located to the south of this area, directly north of the production pad. The south end of the production pad was also used as a drum storage area. All drums were previously removed from the site.

1.3 Site History

The site was purchased by CRI in April, 1975 from the Lease Back Corporation. At that time, the warehouse structure was on the site and this structure was reportedly used for the manufacture and storage of ceramic tile. Construction of the recycling and storage facilities for the used solvents was completed in January 1976. At that time, the majority of the production facilities and tanks that were previously on the site were constructed. The CRI facility was listed as an authorized hazardous waste management facility by the Texas Water Commission (TWC).

The materials reprocessed by CRI included primarily inks and paint solvents. Some chlorinated solvents were also reprocessed but this was reported by Mr. Siemoneit to be only during the early years of the plant operations. Both unprocessed and processed materials were stored on site for various lengths of time in both tanks and drums.

The recycling process involved primarily distillation of the incoming used solvents. The principal waste material associated with this process is the heavy, low volatility fraction which settles to the bottom of the distillation units. These materials, known as still bottoms and paint sludges, were manually removed from the distillation units on a regular basis. During the course of plant operations, these waste materials were either disposed of off-site, stored in tanks and drums, or were stored in concrete drying beds whose locations are shown on Figure 2.

At the time of the initial operation of the site, CRI was informed that no permit for the handling and disposal of waste materials would be required for the operation of the facility. However, pursuant to the promulgation of the Resource Conservation and Recovery Act (RCRA) regulations in May, 1980, permits as defined in 40 CFR 270 were required for the treatment, storage, and disposal of any hazardous waste. CRI applied for a Part A (interim status) permit in

1983 and a Part B (permanent status) permit in 1984. The Part B permit was never ultimately granted.

A consent agreement was entered into between CRI and the TWC in 1985 concerning the closure of an unlined containment pond south of the process area. Other areas covered in the consent agreement included emptying the still bottom drying pits, removal of drums, and erection of a fence. This work was subsequently carried out.

Still bottom materials were reportedly used in the construction and surfacing of "experimental" roadways in mid 1970's with the consent of the TWC.

The Environmental Protection Agency issued an administrative order in August, 1989 for site remediation activities. At the time of the issuance of the order, CRI had declared bankruptcy and potentially responsible parties were identified to be responsible for the cost of these remediation activities. Sampling and removal of residual materials on site, pursuant to this administrative order, has been performed. This program included removal of the contents of all drums and tanks on the site, and disposal of the drums and tank structures. The initial sampling results from this program are reported in Section 1.4.

Additionally, investigations to characterize soil, sediment, surface water and groundwater conditions at the site has been completed and results submitted to USEPA Region VI.

1.4 Previous Chemical Data

1.4.1 Tank Containers and Production Equipment

All tanks and containers and production equipment have been removed from the site. As part of this activity, various substances found at the site were sampled and analyzed. Table 1 presents a summary of the preliminary constituent analyses.

Six composite samples representing materials with similar "consistencies" and/or associated sources were analyzed. The constituents listed in Table 1 are those that were detected in measurable quantities. An "ND" indicates that the particular constituent was tested for, but not detected.

Analytical results from the previous soil investigation programs indicate the presence of elevated inorganic and organic constituents but no detectable PCBs or pesticides (Table 1). Inorganic constituents (metals) above background in the soil investigation include antimony (up to 24 mg/Kg), arsenic (up to 27 mg/Kg), barium (up to 1,500 mg/Kg), beryllium (up to 14 mg/Kg),

cadmium (up to 6.1 mg/Kg), chromium (up to 900 mg/Kg), copper (up to 2,500 mg/Kg), lead (up to 3,400 mg/Kg), mercury (up to 2.6 mg/Kg) and zinc (up to 2,000 mg/Kg).

Principal volatile organic compounds (VOCs) detected in concentrations exceeding 0.1 mg/Kg in the soils investigation include acetone (up to 96 mg/Kg), 1,1-dichloroethene (up to 34 mg/Kg), 2-butanone (up to 2.8 mg/Kg), 1,1,1trichloroethane (up to 6.6 mg/Kg), trichloroethene (up to 69 mg/Kg), tetrachloroethene (up to 170 mg/Kg), toluene (up to 110 mg/Kg), ethylbenzene (up to 56 mg/Kg) and total xylenes (up to 540 mg/Kg).

Analytical results from the previous groundwater investigations indicated the presence of elevated organic and inorganic constituents but no detectable PCBs or pesticides. Inorganic constituents (metals) above primary drinking water standards include chromium and nickel. Chromium and nickel concentrations are only slightly above the respective drinking water standards and may be attributed to the use of stainless steel well construction materials. Volatile organic compounds which exceeded drinking water standards include 1,1-dichloroethene, 1,1,1-trichloroethane, trichloroethene, tetrachloroethene, benzene, and 1,2-dichloroethene.

Previously conducted hydrogeological investigations indicate that groundwater occurs in gypsum fracture filling within the overall low permeability clay and silty clay matrix and groundwater flow is to the east/southeast in subdued conformity to topography. The average horizontal groundwater velocity at the site was calculated to be 0.0725 feet per year. The calculated vertical groundwater velocity was calculated to be 0.026 feet per year which is approximately one-third of the calculated horizontal groundwater velocity.

2.0 WATER WELL SEARCH AND SITE INSPECTION

2.1 Water well Search

Banks Information Solutions, Inc. of Austin, Texas conducted a water well search within a half-mile radius of the site. A copy of the Banks Water Well Report is included in Appendix B. One water well was identified. The well is reportedly located at (b) (9) (b) (9). The well owner is identified as (b) (6), however, the exact well address is not provided in the Banks Water Well Report. An attempt to confirm the location of the water well was made during the November 6, 2006 site inspection. Mr. Plitt inspected the single family homes in the vicinity depicted on the well location map in the Banks Well Report from Easter Drive and South Birmingham Street. No evidence of water wells was identified during the inspection. Based on a search of the Collin County Appraisal District on-line records, (b) (6) does not own any of the properties located on Easter Drive. Additionally, the water well is located hydraulically upgradient of the site, the well is at a significantly higher elevation, and is (b) (9), which forms the drainage divide immediately east of the site. Thus, potentially impacted groundwater from the site should not impact the off-site water well, if, in fact, it exists at the location indicated in the Banks report.

2.2 Site Inspection

Mr. Jack Plitt conducted the site inspection on November 6, 2006. The following is a summary of the items reviewed during the site inspection:

- Site access: Access to the site is from State Route 544. State Route 544 has been improved since the previous site investigation conducted at the site in 1994. State Route 554 has additional lanes and it is elevated approximately 6 feet above the original entrance to the site. In addition, a storm water drain is now located at the concrete curb of State Route 544 in front of the access gate to the site. The concrete curb, the storm water drain, and the change in elevation, makes vehicular access to the site difficult. Gravel was placed at the beginning of the field program at the front access gate to reduce the slope from the gate to State Route 544 and provide adequate access.
- Site fence: The site fence is in good condition and all access gates were locked.
- Utility Clearance: Locations of underground utilities were identified utilizing the Texas One Call System. No utilities are located in the vicinity of the sampling areas.
- On-site Monitoring Wells: All fourteen on-site monitoring wells were secure (locked) during the site inspection. Nine of the well pads appeared to have shifted vertically as the result of frost heaving over time. The shift in elevation ranged from approximately 2 to 6

inches. The stainless steel well riser pipes at these wells appear to be in good condition and representative groundwater samples could be collected from all fourteen monitoring wells. Due to the apparent well elevation shift Golder re-developed all of the wells prior to collecting groundwater samples during the field sampling program. In addition, all of the wells were re-surveyed and concrete was placed beneath the elevated well pads to ensure their integrity and prevent infiltration of surface water. A comparison of the 1994 and 2006 well elevations indicates that the top of the 2-inch stainless steel well riser pipes have not significantly changed. The change in elevation ranged from -0.50 to +0.04 feet. Monitor well survey data is summarized on Table 2.

3.0 SOIL BORING PROCEDURES AND RESULTS

3.1 Field Procedures

A total of 86 borings were completed during the 2006 site investigation. Soil boings SB01 through SB85 were completed utilizing a tractor mounted GeoProbe® rig and soil boring SB86 was completed by hand augering. The soil borings were logged in the field by Golder personnel. Shields and Lee Surveyors (Dallas, Texas) surveyed the soil boring locations at the completion of the field program. Survey data is presented in Appendix C. The soil boring logs include soil description, classification, and pertinent remarks (i.e., water, staining, etc.). Air monitoring was performed during drilling/sampling activities using a photoionization detector (PID) for VOCs. PID results are presented on the soil boring logs (Appendix D). Soil boring locations are depicted on Figure 3.

59 soil borings were completed adjacent to the experimental roads and samples were collected on 6-inch intervals to a depth of 1 foot bgs. Samples from the 0 to 6-inch depth interval were submitted for metal analysis. Samples from the 6 to 12-inch interval were archived for possible future metal analysis. 24 of the archive samples were analyzed for specific metals based on the results of the initial 0 to 6 inch samples.

27 borings were completed in the centerline of the experimental roads and samples were collected on 6-inch intervals to a depth of 2 feet bgs. Samples from the 0 to 6, 6 to 12, and 12 to 18 inch intervals were submitted for metals analysis. Samples from the 12 to 18-inch interval were also submitted for VOC analysis. Samples from the 18 to 24-inch interval were archived for possible future metal and/or VOC analysis. One of the archive samples was analyzed for specific metals based on the results of the initial 0 to 6 inch samples. None of the archive samples were analyzed for VOCs.

All samples were marked for identification from the time of collection and packaging through shipping and storage. Each sample was assigned a unique sample identification number. Designations for soil sample identification numbers for this project are described as "SB".

The third and fourth characters are a sequential number starting at 01 and continuing until sampling is complete. The fifth and sixth characters indicate the bottom of the sample interval from which the sample was collected (24 indicates the bottom of the 18-inch to 24-inch interval).

All drilling and sampling equipment was decontaminated prior to mobilizing to the individual sampling locations. A field rinsate blank for analytical testing was collected by pouring laboratory supplied deionized water over/through the decontaminated equipment and collecting the water in the appropriate sample container. The rinsate blanks were analyzed for the target analytes.

Sampling procedures and equipment decontamination procedures were conducted in accordance with the SAP.

Soil sample bottles were labeled and recorded on the Chain-of-Custody forms provided by the analytical laboratory. The samples were immediately placed in a cooler with ice and were shipped overnight to the analytical laboratory. Field sampling personnel signed the Chain-of-Custody form and the receipt of the samples by the lab was acknowledged on the Chain-of-Custody form.

3.2 Experimental Road Description

Gravel (white/gray) and/or still bottoms were noted in 20 of the 27 soil borings completed in the centerline of the experimental roads and in 21 of the 59 soil borings completed adjacent to the experimental roads. Gravel was noted on the majority of Road 1 and 2 surfaces. The gravel typically occurred in a still bottom matrix Gravel was only noted sporadically along the surface of Road number 3. The thickness of the gravel and/or still bottom layer was typically 4 to 6-inches.

The still bottoms are hard and a uniform gray color. However, traces of blue paint chips were noted in soil borings SB40 and SB72. Based on PID readings made during sampling activities and VOC laboratory analytical results, the still bottoms are heavily weathered (i.e., volatilized). PID recordings made during sampling activities ranged from non-detect to 5.2 ppm.

3.3 Soil Sampling Results.

A total of 166 samples were analyzed for metals and 30 samples were analyzed for VOCs as part of the 2006 site investigation. All laboratory analysis was conducted by e-Lab Analytical Inc. located in Houston, Texas. Laboratory analytical data and results are presented in Appendix E. Laboratory results for soil samples are summarized on Table 3 (metals), and Table 4 (VOCs).

The laboratory results were compared to Texas Commission on Environmental Quality's (TCEQ) commercial/industrial Tier I Protective Concentration Levels (PCLs). The lowest value of the

Tier I PCL for soil to Class III groundwater exposure route; the Tier I PCL for combined soil ingestion, dermal contact, and inhalation of volatiles and particulates exposure route (^{Tot}Soil); $^{Air}Soil_{Inh\text{-}V}$; or $^{Air}GW\text{-}Soil_{Inh\text{-}V}$ for a 30-acre source area was used for screening purposes.

The Class III designation is appropriate for the site due to the low permeability strata that results in low recharge to site wells as demonstrated by slug testing results from six monitoring wells. The wells utilized for the slug testing fully penetrate the uppermost aquifer. The site geology consists of low permeability clay with gypsum stringers that provide the limited hydraulic conductivity. As shown in the boring logs in Appendix G, the gypsum stringers end at approximately 35 feet below ground surface. Thus, the screened interval is above the zone in which the gypsum stringers are absent. TCEQ guidance (RG-366) indicates that a groundwater bearing unit is defined as a saturated geologic unit with a hydraulic conductivity equal to or greater than 1×10^{-5} cm/sec. As indicated by the 1992 slug test data summarized below (and included in Appendix G), the average horizontal hydraulic conductivity of the uppermost aquifer is 2.3×10^{-7} cm/second (Phase I Hydrogeologic and Surface Water/Sediment Investigation, Golder Associates, June 1992). Thus, it is not a "groundwater bearing unit." However, we have utilized the Class III groundwater PCLs for screening purposes.

Slug Test Data Summary

Well	Hydraulic Conductivity (cm/sec)
MW-01	1.16×10^{-7}
MW-02	2.95×10^{-7}
MW-03	5.42×10^{-7}
MW-05	1.38×10^{-7}
MW-06	1.31×10^{-7}
MW-07	1.59×10^{-7}
Arithmetic Mean	2.30×10^{-7}

Note: Results from MW-04 not utilized because completed in shallow interval associated with refuse disposal area.

The Tier II PCL for Class III groundwater exposure route for mercury is based on a soil pH of 4.9. Site soils have a published soil pH range of 7.4 to 8.4 (USDA, Soil Survey, Collin County, Texas, June 1969). Tier 2 PCL for Class III groundwater exposure route for mercury was calculated utilizing site specific pH data. The calculated Tier 2 PCL for mercury is 246.1 mg/kg, which is above the ^{Tot}Soil PCL. Therefore, the ^{Tot}Soil PCL was used for mercury. Tier 2 mercury PCL calculations are included in Appendix F.

3.3.1 Metals Results

Mercury and lead were the only compounds detected at concentrations exceeding the PCLs. The majority of the samples with metal concentrations exceeding the PCLs are from the 0 to 6-inch sample interval, which corresponds to the thickness of the gravel/still bottom layer observed during sampling activities.

Mercury –Mercury concentrations exceeded the PCL of 0.39 mg/kg in 12 samples. Eleven of the samples with mercury exceedences were collected from the 0 to 6 inch interval and one sample (SB31) was from the 12 to 18 inch interval. Mercury concentrations from the various sample intervals are presented on Figures 4 (0 to 6 inch interval), Figure 5 (6 to 12 inch interval), and Figure 6 (12 to 18 inch interval).

Lead – Lead concentrations exceeded the PCL (150 mg/kg) in 62 samples. The majority of the samples (52 samples) with lead exceedences were collected from the 0 to 6 inch interval. Nine of the 62 samples with lead exceedences were collected from the 6 to 12 inch interval and one of the 62 samples were from the 12 to 18 inch interval. Lead concentrations from the various sample intervals are presented on Figures 7 (0 to 6 inch interval), Figure 8 (6 to 12 inch interval), and Figure 9 (12 to 18 inch interval).

Zinc - Zinc concentrations ranged from 22 to 4,530 mg/kg), which are below the PCL (250,000 mg/kg). . Zinc concentrations from the various sample intervals are presented on Figures 10 (0 to 6 inch interval), Figure 11 (6 to 12 inch interval), and Figure 12 (12 to 18 inch interval).

3.3.2 Volatile Organic Compounds

No volatile organic compounds were detected at concentrations above the respective PCLs.

4.0 GROUNDWATER SAMPLING PROCEDURES AND RESULTS

4.1 Groundwater Sampling Field Procedures

Nine of the monitoring well pads shifted vertically as the result of frost heaving over time. The shift in elevation ranged from approximately 2 to 6 inches. Due to the apparent well pad elevation shift Golder re-developed all of the wells prior to collecting groundwater samples during the field sampling program. In addition, all of the wells were re-surveyed and concrete was placed beneath the elevated well pads to ensure their integrity and prevent infiltration of surface water.

All of the well stainless steel casings appeared to be in good condition and representative groundwater samples were obtained from all 14 on-site monitoring wells. The top section of the stainless steel riser pipe at monitoring well MW09 was slightly bent. The submersible pump could not be inserted below the bend in the pipe. Monitoring well MW09 was developed and purged utilizing a peristaltic pump with Teflon lined tubing.

Well development and purging was conducted using a decontaminated submersible pump, peristaltic pump or a disposable bailer. Well development continued until the wells purged dry. The wells purged dry after approximately 10 minutes at a sustained pumping rate of 350 milliliters per minute.

Groundwater samples were collected on November 17, 2006 and on November 18, 2006. Samples for VOC analysis were collected by using low flow sampling procedures. Disposable teflon lined polyethylene tubing was connected to a decontaminated stainless steel submersible pump. With two exceptions, the submersible pump was lowered to a depth corresponding to the middle of the well screen at each monitoring well. Due to poor well recovery, a disposable Teflon bailer was utilized to purge and collect samples at monitoring well MW04. Due to a bend in the stainless steel riser pipe, a peristaltic pump with Teflon lined tubing was utilized to purge and collect groundwater samples at monitoring well MW09. Low flow purging was conducted at a very low pumping rate (80 milliliters per minute) to minimize drawdown of the static water level. Purging continued until pH, temperature, turbidity, dissolved oxygen, specific conductance, and total dissolved solids stabilized or until water levels decreased to within 2 feet above the top of the submersible pump. A Horiba U-20 was utilized to record purging parameters. The Horiba U-20 was calibrated each day prior to use. Well development and well

purging data is summarized on Table 8. Groundwater sampling procedures and decontamination procedures for groundwater sampling equipment was conducted in accordance with the SAP.

Field blank were collected on November 17, 2006 and on November 18, 2006 by pumping deionized water through the decontaminated stainless steel submersible pump via Teflon lined polyethylene tubing.

All groundwater samples were marked for identification from the time of collection and packaging through shipping and storage. Each sample was assigned a unique sample identification number. Designations for groundwater sample identification numbers for this project are "GW".

For groundwater samples, the monitoring well ID was used for the next portion of the ID (e.g., MW-10). Groundwater samples included a suffix that indicates the month and year of sample collection (e.g., 0806 for August 2006). Consequently, a unique sample ID for a groundwater sample during the RI would be MW-10-0806.

Field blanks were collected on November 17, 2006 and on November 18, 2006 by pumping deionized water through the decontaminated stainless steel submersible pump via Teflon lined polyethylene tubing.

Groundwater sample bottles were labeled and recorded on the Chain-of-Custody forms provided by the analytical laboratory. The samples were immediately placed in a cooler with ice and were shipped overnight to the analytical laboratory. Field sampling personnel signed the Chain-of-Custody form and the receipt of the samples by the lab was acknowledged on the Chain-of-Custody form.

4.2 Groundwater Sampling Volatile Organic Analysis Results

The results of the groundwater sampling analysis for volatile organic compounds are summarized on Table 9 and are included in Appendix E. The results indicate that no volatile organic compounds were detected in groundwater samples from monitoring wells MW01 and MW04.

Trichloroethene was the only volatile organic compound detected in monitoring wells MW02 (1.0 µg/L), MW05 (1.0 µg/L), MW06 (2.1 µg/L), and MW12 (1.8 µg/L).

Volatile organic compounds detected in monitoring well MW03 are 1,1-dichloroethane (3.8 µg/L), 1,1-dichloroethene (45 µg/L), tetrachloroethene (1,200 µg/L), trans-1,2-dichloroethene (1.6 µg/L), trichloroethene (290 µg/L), and vinyl chloride (12 µg/L).

Volatile organic compounds detected in monitoring well MW07 are 1,1-dichloroethane (3.8 µg/L), 1,1-dichloroethene (50 µg/L), trans-1,2-dichloroethene (12 µg/L), and trichloroethene (240 µg/L).

Volatile organic compounds detected in monitoring well MW08 are 1,1,1-trichloroethane (4.5 µg/L), 1,1-dichloroethane (5.9 µg/L), 1,1-dichloroethene (230 µg/L), and trichloroethene (6.2 µg/L).

Volatile organic compounds detected in monitoring well MW09 are 1,1,1-trichloroethane (46 µg/L), 1,1,2-trichloroethane (18 µg/L), 1,1-dichloroethane (67 µg/L), 1,1-dichloroethene (1,100 µg/L), 1,2-dichloroethane (2 2 µg/L), benzene (1.1 µg/L), dichloromethane (1.3 µg/L), ethylbenzene (140 µg/L), tetrachloroethene (970 µg/L), toluene (65 µg/L), trans-1,2-dichloroethene (92 µg/L), trichloroethene (20,000 µg/L), vinyl chloride (1,600 µg/L), and xylenes (total) (51 µg/L).

Volatile organic compounds detected in monitoring well MW10 are 1,1,1-trichloroethane (17 µg/L), 1,1,2-trichloroethane (51 µg/L), 1,1-dichloroethane (170 µg/L), 1,1-dichloroethene (8,400 µg/L), 1,2-dichloroethane (11 µg/L), ethylbenzene (19 µg/L), tetrachloroethene (180 µg/L), toluene (85 µg/L), trans-1,2-dichloroethene (180 µg/L), trichloroethene (27,000 µg/L), vinyl chloride (340 µg/L), and xylenes (total) (27 µg/L).

Volatile organic compounds detected in monitoring well MW11 are 1,1-dichloroethane (32 µg/L), ethylbenzene (1.0 µg/L), tetrachloroethene (21 µg/L), and trichloroethene (2,800 µg/L).

Volatile organic compounds detected in monitoring well MW13 are 1,1-dichloroethane (1.6 µg/L), 1,1-dichloroethene (5.5 µg/L), tetrachloroethene (1.9 µg/L), and trichloroethene (40 µg/L).

Volatile organic compounds detected in monitoring well MW14 are 1,1,1-trichloroethane (82 µg/L), 1,1,2-trichloroethane (10 µg/L), 1,1-dichloroethane (21 µg/L), 1,1-dichloroethene (5,600 µg/L), chlorobenzene (4.7 µg/L), chloroform (1.3 µg/L), ethylbenzene (10 µg/L), tetrachloroethene (16 µg/L), toluene (62 µg/L), trans-1,2-dichloroethene (11 µg/L), trichloroethene (29,000 µg/L), vinyl chloride (280 µg/L), and xylenes (total) (17 µg/L).

The groundwater analytical results were compared to TCEQ Tier I commercial/industrial Class III groundwater PCLs with ingestion exposure route) for screening purposes. Screening levels were exceeded for 1,1-dichloroethene in MW09, MW10, and MW14, tetrachloroethene in MW03

and MW09, trichloroethene in MW09, MW10, MW11, and MW14, and vinyl chloride in MW09, MW10, and MW14.

The lateral distribution of volatile organic compounds is shown on Figure 13. The highest concentrations and number of volatile organic compounds were reported from groundwater samples from MW10 followed by MW14, MW09 and MW11. The higher concentrations of volatile organic compounds appear to be related to former site process and storage areas.

The distribution of total volatile organic compounds (TVOC) from groundwater samples is shown on Figure 14. This distribution indicates that the TVOC concentrations are highest in the upgradient/central portions of the site. Groundwater samples from the downgradient wells (MW12, MW05, MW07) contained low quantities of volatile organic compounds The distribution of TVOC from previously collected groundwater samples (1994) is shown on Figure 15. A comparison of the 2006 TVOC results to the 1994 TVOC results indicates that the overall shape and lateral distribution of the groundwater plume has not significantly changed in 12 years and that TVOC concentrations have increased in monitoring wells MW-2, MW-3, MW-5, MW-6, MW-7, MW-12, MW-13, and MW-14. However, TVOCs have significantly decreased in monitoring wells MW-4, MW-8, MW-9, MW-10, and MW-11. In addition, the overall TVOC concentrations from all of the monitoring wells have reduced by approximately 74%.

Vinyl chloride was detected in 2006 groundwater samples from monitoring wells MW-3, MW-9, MW-10, and MW-14. Vinyl chloride was not detected in any of the monitoring wells during the 1994 site investigation. Vinyl chloride is a daughter product of the biodegradation of chlorinated volatile organic compounds. The detection of vinyl chloride in 2006 groundwater samples and the significant reduction of TVOCs are evidence that biodegradation of the impacted groundwater at the site is actively occurring. Previous groundwater TVOC data (1994 Phase III Hydrogeologic Investigation) and TVOC data from the 2006 investigation are summarized on Table 10. The lack of migration is attributed to the very low hydraulic conductivity of the shallow groundwater zone.

4.3 Surface Water Results

Surface water sampling was conducted in 1992 (Phase I Hydrogeologic and Surface Water/Sediment Investigation, Golder Associates, June 1992) to determine if the site was impacting the unnamed tributary to Muddy Creek, which is the nearest surface water body. Surface water samples were obtained from locations upstream and downstream of the site and

were analyzed for volatile organic compounds and metals. The results indicated no impact to surface water. In fact, the water from the upstream location had more metal detections and higher metal concentrations than the downstream location. Surface water sampling analysis is included in Table 5 (metals), Table 6 (initial VOCs), and Table 7 (resampling VOCs). Based on these results, and the very low permeability nature of the site soils, it does not appear that there is a potential for groundwater to impact surface water.

5.0 QUALITY ASSURANCE PROCEDURES

5.1 Quality Assurance Procedures

Quality Assurance (QA) procedures for the field and laboratory analysis were conducted in accordance with the QAPP submitted in June 2006 Laboratory quality assurance measures are summarized in Table 11

Field QA procedures included:

- Rinse Blanks, and
- Field Duplicates

Laboratory QA procedures included

- Laboratory supplied Trip Blanks;
- Matrix Spikes;
- Matrix Spike Duplicates;
- Method Blanks, and
- Surrogates.

The quality assurance samples were collected and/or analyzed for the following purposes

- Rinsate blanks were analyzed to evaluate potential contamination due to the decontamination procedures or laboratory procedures Rinsate blanks were prepared by pouring clean high grade deionized water over decontaminated sampling equipment prior to initiating the sampling
- The PID was calibrated with 100 ppm isobutylene at the start of each day to assure that air monitoring analysis was correct. Groundwater quality meter (pH, turbidity, specific conductance, etc) was also calibrated daily during well development, well purging and well sampling activities
- Laboratory trip blanks were analyzed to evaluate potential contamination due to container preparation, transport to and from the field, or the laboratory environment Laboratory trip blanks were initiated at the laboratory and were returned to the laboratory, one with each shipment of coolers with samples for volatile organic compound analysis
- Duplicate samples were collected to evaluate overall accuracy of the sampling and analysis process.
- Matrix spikes were used to evaluate potential analysis interferences due to the makeup of the samples Matrix spike duplicates were used with the matrix spikes to evaluate the precision and accuracy of the analysis.

- Method blanks were analyzed to determine the presence of laboratory contamination or artifacts of analysis. Method blanks were used to evaluate potential analysis interferences due to causes other than the sampling process or the matrix
- Surrogates were analyzed to evaluate the accuracy and precision of the analysis and assure that they are within an acceptable range

All quality assurance samples were marked for identification from the time of collection and packaging through shipping and storage. Each sample was assigned a unique sample identification number to be recorded on the sample label Designations for quality assurance sample identification numbers for this project are described below

T trip blank;

R rinsate blank, and

D field duplicate

The second character will indicate the matrix as follows.

W Monitoring well or surface water

S Soil or sediment

The third and fourth character was a sequential number starting at 01 Rinsate blanks were identified as sequential numbers such as RS01 (soil borings) or RW01 (groundwater samples) Trip blanks were only collected for aqueous samples with IDs such as TW01

Samples that are chosen for field duplicate analysis have the same ID as the primary sample except that the prefix D will be used Samples that are chosen for MS/MSD were collected with triple volume, but the ID will remain the same as the primary sample. The sampler will note on the COC that triple volume was collected for QA/QC purposes

Data validation was conducted in accordance with the USEPA Standard Operating Procedures (SOPs) HW-6, Revision 11 (TCL Organics data) and HW-2, Revision 11(TAL Inorganics data) The laboratory produced CLP data packages contain information regarding evaluation of holding times, surrogate and spike recoveries, precision of duplicate measurements, calibration and instrument performance, blank contamination, compound identification, and compound quantification Laboratory data is qualified (as necessary) using the logic specified in the validation guidelines Qualified data includes samples analyzed outside holding times, target compounds detected at concentrations below method detection limits, and QA sample results outside acceptable limits Qualified data and any corrective actions associated with the analysis of the samples are

presented in Case Narratives and Laboratory Review Checklists included with each laboratory batch (Appendix E)

5.2 Quality Assurance Results

5.2.1 Rinsate and Trip Blank Analysis

Results from the laboratory analysis of rinsate and trip blanks are summarized in Table 12 No volatile organic compounds or metals were detected at concentrations at or above the method detection limits in rinsate or trip blanks associated with the 2006 site investigation Trichloroethene was detected at an estimated concentration (below method detection limit) of 1 1 µg/L in rinsate blank RW-1.

Chromium (0 000686 µg/L), lead (0 000477 µg/L), nickel (0 00123 µg/L), and zinc (0 00361 µg/L) were detected in rinsate blank RS-1 Chromium (0 000398 µg/L) was detected in rinsate blank RS-2 Chromium (0 00351 µg/L) and zinc (0 00202 µg/L) were detected in rinsate blank RS-3. Rinsate blank samples RS-1, RS-2, and RS-3 are associated with soil sampling equipment All of the metals detected in the above noted rinsate blanks are at concentrations below the respective method detection limits

5.2.2 Method Blank Analysis

Method blank results are summarized in Table13 No detectible quantities of volatile organic compounds were detected in method blanks associated with soil or groundwater samples collected during the 2006 site investigation Metals were detected in several of the method blanks associated with soil samples However, none of the metals detected are at concentrations at or above the respective method detection limits

5.2.3 Field Instrument Calibration

The PID was calibrated daily to 100 ppm isobutylene during the field program Calibration was checked throughout the day as warranted (change in weather conditions) The groundwater quality meter (Horiba U-20) was calibrated daily utilizing 4.0 and 7 0 pH, 0 0 NTU, and 4 49 ms/c standard solutions

5.2.4 Duplicate Analysis

Duplicate analysis results from the groundwater and soil analysis from the 2006 site investigation sampling are shown on Table 14

The relative percent difference (RPD) for volatile organic compounds (with detections above the method detection limits) between the duplicate sample and the groundwater sample from monitoring well MW-12 are within acceptable limits (less than 50%) The RPDs for 1,1-dichloroethane (55 5%) for the duplicate sample from monitoring well MW-9 are slightly above 50% The RPD for the remaining volatile organic compounds with detections above the respective method detection limits from monitoring well MW-9 are within the acceptable criteria

With one exception, the RPD for volatile organic compounds with detections above the method detection limits between duplicate samples of soil samples are within acceptable limits (less than 50%) The RPD for xylene is 80 46% for the duplicate and normal sample from soil boring sample SB85-18 The concentrations of xylene (0 0061 mg/kg normal sample and 0.0026 mg/kg duplicate sample) are significantly lower than the PCL for xylene (120 mg/kg)

The RPD for several of the metals with detections above the method detection limits between duplicate samples of soil samples are above acceptable limits (less than 50%) Elevated RPDs are attributed to variations in the soil samples (i e percentage of still bottom/gravel content) Sample matrix typically consisted of hard clay, with varying amounts of still bottoms and/or gravel, which made homogenization of the samples difficult.

5.2.5 Matrix Spike and Matrix Spike Duplicate Analysis

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) analysis results from the groundwater and soil analysis from the 2006 site investigation are shown on Table 15

The majority of percent spike recovery for MS and MSD associated with soil and groundwater sample volatile organic compound analysis are within QC limits set forth in the QAPP. Percent spike recoveries outside QC limits are attributed to matrix interference and/or analytes were detected in the samples at concentrations greater than four times the spiked amount In addition, all of the RPDs for MS and MSD associated with soil sample volatile organic compounds are with QC limits

With one exception, all of the RPDs for MS and MSD associated with groundwater sample volatile organic compounds are within QC limits The RPD was outside QC limits for vinyl chloride in laboratory batch 0611361. However, vinyl chloride was detected in the associated sample at a concentration greater than four times the spiked amount.

The majority of percent spike recovery for MS and MSD associated with soil sample metal analysis are within QC limits set forth in the QAPP Percent spike recoveries outside QC limits

are attributed to matrix interference and/or analytes were detected in the samples at concentrations greater than four times the spiked amount

5.2.6 Surrogate Analysis

With one exception, all of the surrogate recoveries are within control limits Surrogate recovery for 4-bromofluorobenzene associated with groundwater sample from monitoring well MW-14 is slightly above control limits (126% vs 125%) Surrogate recovery results are included in the laboratory batch reports (Appendix D)

5.2.7 Analyses Holding Time

With one exception, all of the laboratory analyses were conducted within the applicable method holding times. Mercury analysis associated with laboratory batch 0612219 was conducted one day outside the holding time Mercury analytical data associated with batch 0612219 is qualified (flagged) with "H"

6.0 WATER LEVEL MEASUREMENT PROCEDURES AND RESULTS

6.1 Water Level Measurement Field Procedures

Static water levels from the 14 on-site monitoring wells were recorded prior to well development and after completion of groundwater sampling (December 15, 2006) Water levels were determined with an electronic water level indicator The water level indicator was decontaminated between each well to prevent potential cross contamination

The elevations of the water level measurements have been converted to elevation relative to mean sea level (MSL) based on surveying conducted by Shields and Lee of Dallas, Texas Monitoring well survey data and water level data are summarized on Table 2

6.2 Water Level Measurement Results

The groundwater elevations based on static groundwater levels recorded on December 15, 2006 is presented as Figure 16 The groundwater static water level elevations indicate that groundwater flows to the east in subdued conformity to topography The hydraulic gradient is the lowest in the western portion of the site (0.029 ft/ft) and the highest in the eastern portion of the site (0 0067 ft/ft) The gradients reflect the changes in topography with the western portion of the site being rather flat and the eastern portion of the site having greater topographic relief and the presence of the unnamed tributary of Muddy Creek, which forms the drainage divide immediately east of the site

7.0 CONCLUSIONS

7.1 Experimental Roads

Soil sample analytical results indicate that metal impacts (specifically lead) in the vicinity of the experimental roads are mostly limited to the top 6-inches, with impacts to 1 foot at a few isolated areas. Volatile organic compounds were not detected at concentrations above the respective PCLs in any of the soil samples.

7.2 Groundwater Sampling Results

Groundwater sample analytical results indicate that the previously identified groundwater plume has not significantly migrated and TVOC concentrations have increased in monitoring wells MW-2, MW-3, MW-5, MW-6, MW-7, MW-12, MW-13, and MW-14 However, TVOCs have significantly decreased in monitoring wells MW-4, MW-8, MW-9, MW-10, and MW-11 Compared to 1994 TVOC data, the overall 2006 TVOC concentrations from all of the monitoring wells have reduced by approximately 74%

Vinyl chloride was detected in 2006 groundwater samples from monitoring wells MW-3, MW-9, MW-10, and MW-14 Vinyl chloride was not detected in any of the monitoring wells during the 1994 site investigation Vinyl chloride is a daughter product of the biodegradation of chlorinated volatile organic compounds The detection of vinyl chloride in 2006 groundwater samples and the significant reduction of TVOCs are evidence that biodegradation of the impacted groundwater at the site is actively occurring Previous groundwater TVOC data (1994 Phase III Hydrogeologic Investigation) and TVOC data from the 2006 investigation are summarized on Table 10

8.0 REFERENCES

1. Golder Associates Inc., October 1992, Phase I Hydrogeologic and Surface Water/Stream Sediment Investigation. Chemical Recycling Inc. Site, Wylie, Texas.
2 Golder Associates Inc , July 1993, Phase II Hydrogeologic Investigation. Chemical Recycling Inc Site, Wylie, Texas
3. Golder Associates Inc , August 1994, Phase III Hydrogeologic Investigation. Chemical Recycling Inc. Site, Wylie, Texas
4 Golder Associates Inc , June 2006, Sampling and Analysis Plan Chemical Recycling Inc Site, Wylie, Texas
5. USDA, June 1969, Soil Survey, Collin County, Texas.

Tables

TABLE Q-1 (CONT.)

SURFICIAL SOIL SAMPLING METALS ANALYSIS RESULTS

SAMPLE LOCATION	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COPPER	LEAD	MERCURY	NICKEL	SELENIUM	SILVER	THALLIUM	ZINC
	BACKGROUND LEVEL													
	N/A	8.0	600	3.0	2.0	40	20	25	0.2	40	1.0	1.0	1.0	60
CR- MS- 1 E- 1	<13	2.8	360	2.1	1.5	*17	16	25	<0.2	29	<1	<1	<1	41
CR- MS- 1 E- 2	<12	2.5	210	2.2	<1	24	11	*28	<0.2	15	<1	<1	<1	43
CR- MS- 1 E- 3	<13	*14	210	1.8	1.0	18	9.5	16	<0.2	10	<1	<1	<1	37
CR- MS- 2 E- 1	<10	2.2	190	2.0	<1	27	18	23	<0.2	12	<1	<1	<1	56
CR- MS- 2 E- 2	<13	2.5	300	2.1	<1	24	10	24	<0.2	27	<1	<1	<1	44
CR- MS- 2 E- 3	<12	2.1	210	1.6	<1	16	9.7	1.1	<0.2	12	<1	<1	<1	34
CR- MS- 3 E- 1	<11	1.9	170	1.6	<1	17	20	*26	<0.2	13	<1	<1	<1	42
CR- MS- 3 E- 2	<11	1.2	230	2.8	1.2	37	13	22	<0.2	18	<1	<1	<1	*64
CR- MS- 3 E- 3	<15	3.0	*670	2.6	1.8	19	*1	22	<0.2	71	<1	<1	<1	39
CR- MS- 4 E- 1	*16	2.6	180	2.4	1.2	29	15	24	<0.2	17	<1	<1	<1	54
CR- MS- 4 E- 2	<9	<0.6	*90	2.1	<1	22	11	14	<0.2	15	<1	<1	<1	43
CR- MS- 4 E- 3	<13	1.8	130	1.9	1.2	16	9.4	17	<0.2	14	<1	<1	<1	38
CR- MS- 5 E- 1	*18	3.3	220	2.3	1.3	30	19	*33	<0.2	23	<1	<1	<1	*63
CR- MS- 5 E- 2	<11	1.8	330	2.2	1.5	20	9.9	21	<0.2	24	<1	<1	<1	41
CR- MS- 5 E- 3	<13	1.5	*160	2.3	1.3	25	10	*9	<0.2	17	<1	<1	<1	42
CR- MS- 6 E- 1	<13	3.0	120	1.6	1.4	21	*24	*27	<0.2	11	<1	<1	<1	*67
CR- MS- 6 E- 2	<10	2.4	180	2.1	<1	28	12	24	<0.2	18	<1	<1	<1	53
CR- MS- 6 E- 3	*<11	2.1	190	1.8	<1	20	*1	22	<0.2	16	<1	<1	<1	43
CR- MS- 7 E- 1	*17	3.3	310	*7	1.5	*130	*37	*45	<0.2	33	<1	<1	<1	*250
CR- MS- 7 E- 2	<11	2.0	160	1.5	1.3	25	9.1	*31	<0.2	13	<1	<1	<1	*69
CR- MS- 7 E- 3	<12	2.2	300	1.8	*2.1	32	10	17	<0.2	24	<1	<1	<1	50
CR- MS- 8 E- 1	<11	2.7	600	<1	*2.7	*390	*61	*1600	*1.9	19	<1	<1	<1	*760
CR- MS- 8 E- 2	<13	2.0	190	1.2	2.0	40	*25	*210	*2.6	18	<1	<1	<1	*140
CR- MS- 8 E- 3	<11	3.7	220	1.4	*2.3	32	20	*152	*0.5	21	<1	<1	<1	*72
CR- MS- 9 E- 1	<10	2.7	190	1.2	1.8	*50	*45	*140	0.2	18	<1	<1	<1	*280
CR- MS- 9 E- 2	<11	2.2	99	1.3	*2.7	30	18	*980	*0.7	20	<1	<1	<1	*140
CR- MS- 9 E- 3	<11	4.2	170	1.7	1.5	15	*130	*50	<0.2	13	<1	<1	<1	*75
CR- MS- 10 E- 1	<8	*9	140	1.1	1.7	*160	*49	*980	0.2	<2	<1	<1	<1	*310
CR- MS- 10 E- 2	<10	6.0	230	2.1	*3.4	35	*44	*130	<0.2	21	<1	<1	<1	*160
CR- MS- 10 E- 3	<12	4.9	400	2.1	*3.5	*220	*65	*640	<0.2	22	<1	<1	<1	*350

NOTES: ALL CONCENTRATIONS IN MG/KG

CR-MS-P (1-3) ARE SAMPLES COLLECTED IN THE POND

TABLE Q-1 (CONT.)
SURFICIAL SOIL SAMPLING METALS ANALYSIS RESULTS

SAMPLE LOCATION	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COPPER	LEAD	MERCURY	NICKEL	SELENIUM	SILVER	THALLIUM	ZINC
	BACKGROUND LEVEL													
	N/A	7.8	600	3.0	2.0	10	20	25	0.2	40	1.0	1.0	1.0	60
CR-MS-11 E-1	<12	3.6	89	1.1	2.0	*31	*27	*190	*0.6	16	<1	<1	<1	*210
CR-MS-11 E-2	<12	2.6	190	1.8	1.3	23	10	*34	<0.2	*5	<1	<1	<1	43
CR-MS-11 E-3	<12	1.5	*60	1.6	<1	21	9.7	19	<0.2	13	<1	<1	<1	38
CR-MS-12 E-1	<11	2.3	96	1.3	*.3	22	11	*152	<0.2	16	<1	<1	<1	42
CR-MS-12 E-2	<9	4.6	87	1.1	1.3	16	*230	*139	<0.2	<3	<1	<1	<1	*64
CR-MS-12 E-3	<9	*7.5	140	2.0	*6.1	19	*59	*175	<0.2	*3	<1	<1	<1	*130
CR-MS-13 E-1	<12	6	67	1.8	*2.3	19	15	*927	<0.2	13	<1	<1	<1	44
CR-MS-13 E-2	<10	1.6	38	*.1	1.3	9.1	5.1	4.2	<0.2	<3	<1	<1	<1	18
CR-MS-13 E-3	<12	3.0	170	1.9	1.4	12.3	6.8	21	<0.2	11	<1	<1	<1	34
CR-MS-14 E-1	<11	5.2	310	1.2	<1	*110	*32	*370	*0.3	20	<1	<1	<1	*210
CR-MS-14 E-2	<11	2.7	202	1.6	<1	*140	*46	*1040	*0.4	27	<1	<1	<1	*810
CR-MS-14 E-3	<11	3.0	270	1.1	<1	21	*120	*31	0.2	20	<1	<1	<1	57
CR-MS-15 E-1	*24	2.5	*1500	1.5	*2.0	*300	*110	*3400	<0.2	37	<1	<1	<1	*1400
CR-MS-15 E-2	<13	2.0	46	*.14	<1	14	5.2	*68	<0.2	<1	<1	<1	<1	50
CR-MS-15 E-3	<11	1.9	47	1.1	1.1	6.6	<1	*27	<0.2	<3	<1	<1	<1	21
CR-MS-16 E-1	<12	2.4	570	1.2	*3.8	*460	*170	*1600	<0.2	21	<1	<1	<1	*560
CR-MS-16 E-2	*18	9.5	*1500	1.0	*2.1	*830	*2500	*2900	<0.2	14	<1	<1	<1	*2000
CR-MS-16 E-3	<13	1.5	150	1.5	1.7	17	9.2	12	<0.2	14	<1	<1	<1	33
CR-MS-17 E-1	<12	2.3	110	1.4	1.4	17	*30	*1700	<0.2	12	<1	<1	<1	59
CR-MS-17 E-2	<12	2.1	150	*.4	<1	21	19	16	<0.2	13	<1	<1	<1	50
CR-MS-17 E-3	<13	1.3	120	1.3	1.1	16	*5	18	<0.2	*4	<1	<1	<1	35
CR-MS-18 E-1	<11	5.1	200	1.3	<1	21	11	*60	<0.2	16	<1	<1	<1	44
CR-MS-18 E-2	<11	3.1	230	1.4	<1	21	9.9	15	<0.2	20	<1	<1	<1	41
CR-MS-18 E-3	<12	2.3	160	*.5	<1	20	10	20	<0.2	17	<1	<1	<1	43
CR-MS-19 E-1	<10	<1	140	1.4	<1	35	*30	*870	<0.2	17	<1	<1	<1	*99
CR-MS-19 E-2	<8	1.3	210	1.7	<1	28	13	*2230	<0.2	19	<1	<1	<1	*61
CR-MS-19 E-3	<8	1.7	200	1.2	<1	29	12	*54	<0.2	15	<1	<1	<1	*71
CR-MS-20 E-1	<9	<1	215	1.3	<1	*47	14	*550	*0.3	10	<1	<1	<1	*120
CR-MS-20 E-2	<9	2.0	190	1.3	<1	21	*30	19	*.1	18	<1	<1	<1	*85
CR-MS-20 E-3	<12	1.7	180	1.7	<1	28	8.3	15	<0.2	24	<1	<1	<1	43

NOTES: ALL CONCENTRATIONS IN MG/KG

CR-MS-P(1-3) ARE SAMPLES COLLECTED IN THE POND

TABLE Q-1 (CONT.)
SURFICIAL SOIL SAMPLING METALS ANALYSIS RESULTS

SAMPLE LOCATION	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COPPER	LEAD	MERCURY	NICKEL	SELENIUM	SILVER	THALLIUM	ZINC
	BACKGROUND LEVEL													
	NA	60	600	30	20	40	70	25	0.2	40	1.0	1.0	1.0	60
CR-MS P- 1	* 10	20	452	1	2	* 385	* 292	* 109	<0.2	25	<1	<1	<1	* 587
CR-MS P- 2	< 10	40	125	1	1	17	* 76	* 32	<0.2	12	<1	<1	<1	59
CR-MS P- 3	< 9	50	138	1	1	14	12	* 26	<0.2	18.0	<0.9	<0.9	<0.9	57

NOTES ALL CONCENTRATIONS IN MG/KG

CR-MS-P (1-3) ARE SAMPLES COLLECTED IN THE POND

TABLE Q-1 (CONT.)
SURFICIAL SOIL SAMPLING
METALS CONCENTRATIONS ABOVE BACKGROUND

SAMPLE LOCATION	CONCENTRATION ABOVE BACKGROUND MG/KG	NUMBER OF METALS ABOVE BACKGROUND
CR MS 1 E 1	0.0	0
CR MS 1 E 2	3.0	1
CR MS 1 E 3	8.0	1
CR MS 2 E 1	0 0	0
CR MS 2 E 2	0 0	0
CR MS 2 E 3	0.0	0
CR MS 3 E 1	1.0	1
CR MS 3 E 2	4 0	1
CR MS 3 E 3	70.0	1
CR MS 4 E 1	16 0	1
CR MS 4 E 2	0.0	0
CR MS 4 E 3	0 0	0
CR MS 5 E 1	29 0	3
CR MS 5 E 2	0.0	0
CR MS 5 E 3	0.0	0
CR MS 6 E 1	13 0	3
CR MS 6 E 2	0.0	0
CR MS 6 E 3	0.0	0
CR MS 7 E 1	334 0	5
CR MS 7 E 2	15 0	2
CR MS 7 E 3	0.1	1
CR MS 8 E 1	2698 4	6
CR MS 8 E 2	272 4	4
CR MS 8 E 3	139.6	4
CR MS 9 E 1	370 0	4
CR MS 9 E 2	1076 2	4
CR MS 9 E 3	150.0	3
CR MS 10 E 1	944 0	4
CR MS 10 E 2	231 4	5
CR MS 10 E 3	1131.5	5
CR MS 11 E 1	333.4	5
CR MS 11 E 2	9 0	1
CR MS 11 E 3	0 0	0
CR MS 12 E 1	127.0	1
CR MS 12 E 2	319 0	2
CR MS 12 E 3	291.6	4
CR MS 13 E 1	902 3	2
CR MS 13 E 2	0.0	0
CR MS 13 E 3	0.0	0
CR MS 14 E 1	577 1	5
CR MS 14 E 2	1991.2	5
CR MS 14 E 3	116 0	2

TABLE Q-1 (CONT.)
SURFICIAL SOIL SAMPLING
METALS CONCENTRATIONS ABOVE BACKGROUND

SAMPLE LOCATION	CONCENTRATION ABOVE BACKGROUND MG/KG	NUMBER OF METALS ABOVE BACKGROUND
CR MS 15 E 1	6589 6	7
CR MS 15 E 2	52.0	2
CR MS 15 E 3	2.0	1
CR MS 16 E 1	2846.8	5
CR MS 16 E 2	903.1	7
CR MS 16 E 3	0 0	0
CR MS 17 E 1	1685.0	2
CR MS 17 E 2	0.0	0
CR MS 17 E 3	0 0	0
CR MS 18 E 1	35.0	1
CR MS 18 E 2	0 0	0
CR MS 18 E 3	0.0	0
CR MS 19 E 1	894 0	3
CR MS 19 E 2	2206 0	2
CR MS 19 E 3	40 0	2
CR MS 20 E 1	592.1	4
CR MS 20 E 2	24.9	3
CR MS 20 E 3	0.0	0
CR MS P- 1	1224.0	5
CR MS P- 2	63 0	2
CR MS P- 3	1 0	1

NOTES: ALL CONCENTRATIONS IN MG/KG

TABLE Q-1 (CONT.)

SURFICIAL SOIL SAMPLING
PESTICIDES AND PCB's ANALYSIS

PESTICIDES ug/kg (ppb)	CR-OS-11D-2	CR-0S-13C-3	CR-0S-14C-3	CR-0S-16D-3	Method Blank
alpha-BHC	< 4.5	< 4.5	< 5.2	< 5.0	< 4.0
beta-BHC	< 4.5	< 4.5	< 5.2	< 5.0	< 4.0
delta-BHC	< 4.5	< 4.5	< 5.2	< 5.0	< 4.0
gamma-BHC	< 4.5	< 4.5	< 5.2	< 5.0	< 4.0
Heptachlor	< 4.5	< 4.5	< 5.2	< 5.0	< 4.0
Aldrin	< 4.5	< 4.5	< 5.2	< 5.0	< 4.0
Heptachlor epoxide	< 4.5	< 4.5	< 5.2	< 5.0	< 4.0
Endosulfan I	< 4.5	< 4.5	< 5.2	< 5.0	< 4.0
Dieldrin	< 9.1	< 9.0	< 10	< 10	< 8.0
4,4'-DDE	< 9.1	< 9.0	< 10	< 10	< 8.0
Endrin	< 9.1	< 9.0	< 10	< 10	< 8.0
Endosulfan II	< 9.1	< 9.0	< 10	< 10	< 8.0
4,4'-DDD	< 9.1	< 9.0	< 10	< 10	< 8.0
Endosulfan sulfate	< 9.1	< 9.0	< 10	< 10	< 8.0
4,4'-DDT	< 9.1	< 9.0	< 10	< 10	< 8.0
Methoxychlor	< 45	< 45	< 52	< 50	< 40
Endrin aldehyde	< 9.1	< 9.0	< 10	< 10	< 8.0
Chlordane	< 90	< 90	< 100	< 100	< 80
Toxapene	< 90	< 90	< 100	< 100	< 80

PCB's ug/kg (ppb)	CR-OS-11D-2	CR-0S-13C-3	CR-0S-14C-3	CR-0S-16D-3	Method Blank
PCB-1016	< 45	< 45	< 52	< 50	< 40
PCB-1221	< 45	< 45	< 52	< 50	< 40
PCB-1232	< 45	< 45	< 52	< 50	< 40
PCB-1242	< 45	< 45	< 52	< 50	< 40
PCB-1248	< 45	< 45	< 52	< 50	< 40
PCB-1254	< 90	< 90	< 100	< 100	< 80
PCB-1260	< 90	< 90	< 100	< 100	< 80

NOTE: ALL UNITS IN UG/KG

TABLE Q-1 (CONT.)

SURFICIAL SOIL SAMPLING
VOLATILE ORGANIC COMPOUND ANALYSIS

GRAB SAMPLE ug/kg (ppb)	CR-0S-1A-2	CR-0S-2B-2	CR-0S-3B-2	CR-0S-4D-1	CR-0S-5D-2	CR-0S-6D-1	CR-0S-7D-2	CR-0S-8B-2	CR-0S-9B-3	CR-0S-10C-1	CR-0S-11D-2	CR-0S-12D-3	CR-0S-13C-3	CR-0S-14C-3	CR-0S-15B-3	CR-0S-16D-3	CR-0S-17C-2	CR-0S-18A-3	CR-0S-19B-3	CR-0S-20A-3
VOLATILES																				
Acrolein	<130	<130	<130	<130	<120	< 30	<140	<130	<120	<120	<83,000	<120	<15,000	<150,000	< 20	<7,900	<1.0	<130	<7,800	<120
Acrylonitrile	<130	<130	<130	<130	<120	<120	<140	<130	<120	<120	<83,000	<120	<15,000	<150,000	<120	<7,900	<120	<130	<7,800	<120
Chloromethane	<13	<13	< 3	<13	<12	<13	<14	<13	<12	<12	<8,000	<12	<1 500	<15,000	<12	<790	<12	<13	<780	<12
Bromomethane	<13	<13	<13	<13	<12	<13	<14	<13	<12	< 2	<8,000	<12	<1 500	<15,000	<12	<790	<12	< 3	<780	<12
Vinyl chloride	<13	<13	<13	<13	<12	<13	<14	< 3	<12	<12	<8,000	<12	<1 500	<15,000	<12	<790	<12	<13	<780	<12
Chloroethane	<13	<13	<13	<13	<12	<13	<14	<13	<12	<12	<8 000	<12	<1 500	<15,000	<12	<790	<12	<13	<780	< 2
Methylene chloride	<7	<7	<6	<6	* 12	<6	<7	<6	<6	* 6	* 6,000	<6	<770	<7,700	<6	<400	<6	<6	<390	<6
Acetone	<13	<13	<13	<13	* 14	<13	<6	* 32	<12	* 78	49 000	<12	* 16,000	<15,000	* 12	* 4,200	<12	<13	<780	<12
Carbon disulfide	<7	<7	<6	<6	<6	<6	<7	<6	<6	<6	<4,000	<6	<770	<7 700	<6	<400	<6	<6	<390	<6
1,1-Dichloroethene	<7	<7	<6	<6	<6	<6	<7	<6	<6	<6	<4,000	<6	<770	34,000	<6	<400	<6	<6	<390	<6
1,1-Dichloroethane	<2	<7	<6	<6	<6	<6	<7	<6	<6	<6	<4,000	<6	<770	<7,700	<6	<400	<6	<6	<390	<6
1,2-Dichloroethene (total)	<7	<7	<6	<6	<6	<6	<7	<6	<6	<6	<4,000	19	<770	<7,700	<6	<400	18	<6	<390	5
Chloroform	<7	<7	<6	<6	<6	<6	<7	<6	<6	<6	<4,000	<6	<770	<7 700	<6	<400	<6	<6	<390	<6
1,2-Dichloroethane	<7	<7	<6	<6	<6	<6	<7	<6	<6	<6	<4,000	<6	<770	<7,700	<6	<400	<6	6	<390	<6
2-Butanone	<13	<13	<13	<13	<13	<13	<14	<13	<12	<12	<4,000	<12	<1,500	<15,000	<12	2,800	<12	<13	<780	<12
1,1,1-Trichloroethane	<7	<7	<6	<6	<6	<6	<7	<6	<6	<6	<4,000	<6	<770	<7,700	<6	<400	<6	<6	<390	<6
Carbon tetrachloride	<7	<7	<6	<6	<6	<6	<7	<6	<6	<6	<4,000	<6	<770	<7,700	<6	<400	<6	<6	<390	<6
Vinyl acetate	<13	<13	<13	<13	<13	<13	<14	<13	<12	<12	<8 000	<12	<1 500	<15,000	<12	<790	<12	<13	<780	<12
Bromodichloromethane	<7	<7	<6	<6	<6	<6	<7	<6	<6	<6	<4,000	<6	<770	<7,700	<6	<400	<6	<6	<390	<6
1,2-Dichloropropane	<7	<7	<6	<6	<6	<6	<7	<6	<6	<6	<4,000	<6	<770	<7,700	<6	<400	<6	<6	<390	<6
cis-1,3-Dichloropropene	<7	<7	<6	<6	<6	<6	<7	<6	<6	<6	<4,000	<6	<770	<7,700	<6	<400	<6	<6	<390	<6
2-Chloroethyl vinyl ether	<7	<7	<6	<6	<6	<6	<7	<6	<6	<6	<4,000	<6	<770	<7,700	<6	<400	<6	<6	<390	<6
Trichloroethene	<7	<7	<6	<6	<6	<6	<6	<6	35	<6	56,000	<6	<770	<7,700	<6	<400	<6	<6	<390	<6
Dibromochloromethane	<7	<7	<6	<6	<6	<6	<7	<6	<6	<6	<4,000	<6	<770	<7,700	<6	<400	<6	<6	<390	<6
1,1,2-Trichloroethane	<7	<7	<6	<6	<6	<6	<7	<6	<6	<6	<4,000	<6	<770	<7,700	<6	<400	<6	<6	<390	<6

TABLE Q-1 (CONT.)

SURFICIAL SOIL SAMPLING
VOLATILE ORGANIC COMPOUND ANALYSIS

GRAB SAMPLE ug/kg (ppb)	CR-0S-1A-2	CR-0S-2A-2	CR-0S-3B-2	CR-0S-4D-1	CR-0S-5C-1	CR-0S-6D-1	CR-0S-7D-3	CR-0S-8B-2	CR-0S-9B-3	CR-0S-10C-1	CR-0S-11D-2	CR-0S-12D-3	CR-0S-13C-3	CR-0S-14C-3	CR-0S-15B-3	CR-0S-16D-3	CR-0S-17E-2	CR-0S-18A-3	CR-0S-19B-3	CR-0S-20A-3
VOLATILES																				
Benzene	<7	<7	<6	<6	<6	<6	<7	<6	<6	<6	<4,000	<6	<770	<7,700	<6	<400	<6	<6	<390	<6
trans-1,3-Dichloropropene	<7	<7	<6	<6	<6	<6	<7	<6	<6	<6	<4,000	<6	<770	<7,700	<6	<400	<6	<6	<390	<6
Bromoform	<7	<7	<6	<6	<6	<6	<7	<6	<6	<6	<4,000	<6	<770	<7,700	<6	<400	<6	<6	<390	<6
4-Methyl-2-pentanone	<13	<13	<13	<13	<13	<13	<14	<13	<13	<12	<8,000	<12	<1,500	<15,000	<12	<700	<12	<13	<780	<12
2-Hexanone	<13	<13	<13	<12	<13	<13	<14	<13	<12	<12	<8,000	<12	<1,500	<15,000	<12	<700	<12	<13	<780	<12
1,1,2,2-Tetrachloroethane	<7	<7	<6	<6	<6	<6	<7	<6	<6	<6	<4,000	<6	<770	<7,700	<6	<400	<6	<6	<390	<6
Tetrachloroethene	<7	<7	<6	<6	<6	<6	<7	<6	13	<6	17,000	<6	<770	<7,700	<6	<400	<6	<6	<390	<6
Toluene	<7	<7	<6	<6	<6	<6	<7	<6	<6	<6	4,000	<6	1,600	110,000	<6	700	<6	<6	<390	<6
Chlorobenzene	<7	<7	<6	<6	<6	<6	<7	<6	<6	<6	<4,000	<6	<770	<7,700	<6	<400	<6	<6	<390	<6
Ethylbenzene	<7	<7	<6	<6	<6	<6	<7	<6	<6	<6	43,000	<6	<770	29,000	<6	<400	<6	<6	<390	<6
Styrene	<7	<7	<6	<6	<6	<6	<7	<6	<6	<6	<4,000	<6	<770	<7,700	<6	<400	<6	<6	<390	<6
Xylene (total)	<7	<7	<6	<6	<6	<6	<7	<6	<6	<6	91,000	<6	2,000	210,000	20	10,000	<6	<6	<390	<6
TOTALS UG/KG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.0	66.0	311,000	18.0	4,500	383,000	20.0	13,600	5.0	0.0	0.0	5.0
HEADSPACE (PPM)	0.0	0.0	0.0	0.0	0.0	0.0	1.0	8.6	5.0	0.0	184.4	27.6	411.0	107.5	66.0	381.0	0.0	1.9	99.7	6.2

NOTE: * - PROBABLE LABORATORY ARTIFACT, NOT INCLUDED IN TOTALS
(METHYLENE CHLORIDE AND ACETONE FOUND IN METHOD BLANKS)

REFERENCE: USEPA 1989 RISK ASSESSMENT GUIDANCE FOR SUPERFUND HUMAN HEALTH
EVALUATION MANUAL PART A, SECTION 5.6

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TABLE Q-1 (CONT.)

SURFICIAL SOIL SAMPLING
SEMIVOLATILE ORGANIC COMPOUND ANALYSIS

SEMIVOLATILES ug/kg (ppb)	CR-0S-11D-2	CR-0S-13C-3	CR-0S-14C-3	CR-0S-16D-3
Phenol	< 420	< 430	< 440	< 420
Bis(2-chloroethyl)ether	< 420	< 430	< 440	< 420
2-Chlorophenol	< 420	< 430	< 440	< 420
1,3-Dichlorobenzene	< 420	< 430	< 440	< 420
1,4-Dichlorobenzene	< 420	< 430	< 440	< 420
Benzyl alcohol	< 420	< 430	< 440	< 420
2-Methylphenol	< 420	< 430	< 440	< 420
Bis(2-chloroisopropyl)ether	< 420	< 430	< 440	< 420
4-Methylphenol	< 420	< 430	< 440	< 420
n-Nitroso-di-n-propylamine	< 420	< 430	< 440	< 420
Hexachloroethane	< 420	< 430	< 440	< 420
Nitrobenzene	< 420	< 430	< 440	< 420
Isophorone	< 420	< 430	< 440	< 420
2-Nitrophenol	< 420	< 430	< 440	< 420
2,4-Dimethylphenol	< 420	< 430	< 440	< 420
Benzoic acid	< 2,100	< 430	< 440	< 2,100
Bis(2-chloroethoxy)methane	< 420	< 430	< 440	< 420
2,4-Dichlorophenol	< 420	< 430	< 440	< 420
1,2,4-Trichlorobenzene	< 420	< 430	< 440	< 420
Naphthalene	< 420	< 430	1,300	< 420
4-Chloroaniline	< 420	< 430	< 440	< 420
Hexachlorobutadiene	< 420	< 430	< 440	< 420
4-Chloro-3-methylphenol	< 420	< 430	< 440	< 420
2-Methylnaphthalene	< 420	< 430	< 440	< 420
Hexachlorocyclopentadiene	< 420	< 430	< 440	< 420
2,4,6-Trichlorophenol	< 420	< 430	< 440	< 420
2,4,5-Trichlorophenol	< 420	< 430	< 440	< 420
2-Chloronaphthalene	< 420	< 430	< 440	< 420
2-Nitroaniline	< 2,100	< 2,200	< 2,200	< 2,100
Dimethylphthalate	< 420	< 430	< 440	< 420
Acenaphthylene	< 420	< 430	< 440	< 420
3-Nitroaniline	< 420	< 430	< 440	< 420
Acenaphthene	< 420	< 430	< 440	< 420
2,4-Dinitrophenol	< 2,100	< 2,200	< 2,200	< 2,100
4-Nitrophenol	< 2,100	< 2,200	< 2,200	< 2,100
Dibenzofuran	< 420	< 430	< 440	< 420
2,4-Dinitrotoluene	< 420	< 430	< 440	< 420
2,6-Dinitrotoluene	< 420	< 430	< 440	< 420
Diethylphthalate	< 420	< 430	< 440	< 420
4-Chlorophenyl phenyl ether	< 420	< 430	< 440	< 420
Fluorene	< 420	< 430	< 440	< 420
4-Nitroaniline	< 2,100	< 2,200	< 2,200	< 2,100
4,6-Dinitro-2-methylphenol	< 2,100	< 2,200	< 2,200	< 2,100

TABLE Q-1 (CONT.)

SURFICIAL SOIL SAMPLING
SEMIVOLATILE ORGANIC COMPOUND ANALYSIS

SEMIVOLATILES ug/kg (ppb)	CR-0S-11D-2	CR-0S-13C-3	CR-0S-14C-3	CR-0S-16D-3
n-Nitrosodiphenylamine	< 420	< 430	< 440	< 420
4-Bromophenyl phenyl ether	< 420	< 430	< 440	< 420
Hexachlorobenzene	< 420	< 430	< 440	< 420
Pentachlorophenol	< 2,100	< 2,200	< 2,200	< 2,100
Phenanthrene	< 420	< 430	< 440	< 420
Anthracene	< 420	< 430	< 440	< 420
Di-n-butylphthalate	< 420	< 430	< 440	< 420
Flouranthene	< 420	< 430	< 440	< 420
Benzidine	< 2,100	< 2,200	< 2,200	< 2,100
Pyrene	< 420	< 430	< 440	< 420
Butylbenzylphthalate	< 420	< 430	< 440	< 420
3,3-Dichlorobenzidine	< 840	< 870	< 870	< 840
Benzo(a)anthracene	< 420	< 430	< 440	< 420
Bis(2-ethylhexyl)phthalate	< 420	< 430	< 440	< 420
Chrysene	< 420	< 430	< 440	< 420
Di-n-octylphthalate	< 420	< 430	1,500	420
Benzo(b)fluoranthene	< 420	< 430	< 440	< 420
Benzo(k)fluoranthene	< 420	< 430	< 440	< 420
Benzo(a)pyrene	< 420	< 430	< 440	< 420
Indeno(1,2,3-cd)pyrene	< 420	< 430	< 440	< 420
Dibenzo(a,h)anthracene	< 420	< 430	< 440	< 420
Benzo(g,h,i)perylene	< 420	< 430	< 440	< 420
TOTALS UG/KG	0.0	0.0	2,600	420

ALL CONCENTRATIONS UG/KG

TABLE Q-1 (CONT.)
SOIL BORING FIELD GAS CHROMATOGRAPH RESULTS

(All results are reported in ug/Kg)

SAMPLE ID	DATE SAMPLED	2-BUTANONE	TRI-CHLOROETHENE	TOLUENE	TETRA-CHLOROETHENE	ETHYLBENZENE	O-XYLENE	NON-TARGET COMPOUNDS	% RECOVERY INTERNAL STANDARD
CR-SS-1E-1	5/30/90	<100	<10	<10	<10	<10	<10	0	86
CR-SS-1E-2	5/30/90	<100	<10	<10	<10	<10	<10	0	103
CR-SS-1E-3	5/30/90	<100	<10	<10	<10	<10	<10	0	95
CR-SS-2E-1	5/30/90	<100	<10	<10	<10	<10	<10	0	83
CR-SS-2E-2	5/30/90	<100	<10	<10	<10	<10	<10	0	99
CR-SS-2E-3	5/30/90	<100	<10	<10	<10	<10	<10	0	90
CR-SS-3E-1	5/30/90	<100	<10	<10	<10	<10	<10	0	87
CR-SS-3E-2	5/30/90	<100	<10	<10	<10	<10	<10	0	90
CR-SS-3E-3	5/30/90	<100	<10	<10	<10	<10	<10	0	82
CR-SS-4E-1	5/30/90	<100	<10	<10	<10	<10	<10	0	111
CR-SS-4E-2	5/30/90	<100	<10	<10	<10	<10	<10	0	97
CR-SS-4E-3	5/30/90	<100	<10	<10	<10	<10	<10	0	100
CR-SS-5E-1	5/30/90	<100	<10	<10	<10	<10	<10	0	89
CR-SS-5E-2	5/30/90	<100	<10	<10	<10	<10	<10	0	105
CR-SS-5E-3	5/30/90	<100	<10	<10	<10	<10	<10	0	97
CR-SS-6E-1	5/30/90	<100	<10	<10	<10	<10	<10	0	99
CR-SS-6E-2	5/30/90	<100	<10	<10	<10	<10	<10	0	105
CR-SS-6E-3	5/30/90	<100	<10	<10	<10	<10	<10	0	93
CR-SS-7D-1	5/30/90	207	<10	409	15	15,710	2612	1	86
CR-SS-7D-2	5/30/90	<500	<50	844	100	5719	923	2	78
CR-SS-7D-3	5/30/90	702	<10	50	<10	499	250	1	93
CR-SS-8B-1	5/30/90	<100	<10	<10	<10	<10	<10	0	83
CR-SS-8B-2	5/30/90	<100	<10	<10	<10	<10	<10	0	89
CR-SS-8B-3	5/30/90	<100	<10	<10	<10	<10	<10	0	80
CR-SS-9B-1	5/31/90	<100	<10	<10	<10	<10	<10	0	100
CR-SS-9B-2	5/31/90	<100	<10	<10	<10	<10	<10	0	97
CR-SS-9B-3	5/31/90	<100	<10	<10	<10	<10	<10	0	104
CR-SS-10C-1	5/31/90	<100	<10	<10	<10	<10	<10	1	104
CR-SS-10C-2	5/31/90	<100	<10	<10	<10	<10	<10	1	119

* - MATRIX INTERFERENCE PREVENTS THE DETECTION AND QUANTIFICATION OF THIS COMPOUND

** - SAMPLE WAS ANALYZED TWICE

TABLE Q-1 (CONT.)

SOIL BORING FIELD GAS CHROMATOGRAPH RESULTS

(All results are reported in ug/Kg)

SAMPLE ID	DATE SAMPLED	2-BUTANONE	TRI-CHLOROETHENE	TOLUENE	TETRA-CHLOROETHENE	ETHYLBENZENE	O-XYLENE	NON-TARGET COMPOUNDS	% RECOVERY INTERNAL STANDARD
CR-SS-10C-3	5/31/90	<100	<10	<10	<10	<10	<10	0	106
CR-SS-11D-1	6/1/90	324,700	179,550	32,500	276,900	<50	909	6	*
CR-SS-11D-2	6/1/90	298,050	162,400	56,530	407,700	<250	1,120	4	*
CR-SS-11D-3	6/1/90	49,060	70,350	17,055	113,450	<250	<250	2	*
CR-SS-12D-1	5/31/90	68,000	189	733	<10	72	<10	6	107
CR-SS-12D-2	5/31/90	192,000	64,920	10,020	12[illegible],900	75	1,928	5	*
CR-SS-12D-3	5/31/90	12,050	1,275	79	6,320	119	63	2	131
CR-SS-13C-1	6/1/90	6,052	51	65	45	<10	<10	2	117
CR-SS-13C-2	6/1/90	101,600	438	37,200	1558	<50	340	2	94
CR-SS-13C-3	6/1/90	*	21	331	<10	136	186	5	109
CR-SS-14C-1	6/1/90	159	51	779	<10	646	263	0	58 **
CR-SS-14C-1	6/1/90	218	58	902	<10	667	288	0	63 **
CR-SS-14C-2	6/1/90	220	58	591	<10	740	339	0	97
CR-SS-14C-3	6/1/90	402	21	<10	<10	17	<10	0	109
CR-SS-15B-1	5/31/90	<500	223	12,310	149	216,000	5,355	7	42
CR-SS-15B-2	5/31/90	51,670	<50	557	<50	<50	368	3	98
CR-SS-15B-3	5/31/90	*	163	29	137	49	<10	7	128
CR-SS-16D-1	5/31/90	<100	<10	<10	<10	<10	<10	2	129
CR-SS-16D-2	5/31/90	<100	<10	<10	<10	32	<10	3	117
CR-SS-16D-3	5/31/90	483	<10	<10	<10	<10	<10	1	115
CR-SS-17E-1	5/31/90	135	<10	<10	<10	<10	<10	1	105
CR-SS-17E-2	5/31/90	<100	<10	<10	<10	<10	<10	1	107
CR-SS-17E-3	5/31/90	1,622	<10	<10	<10	<10	<10	2	113
CR-SS-18E-1	5/31/90	7,124	<10	439	<10	339	156	2	122
CR-SS-18E-2	5/31/90	373	<10	222	<10	112	114	1	112
CR-SS-18E-3	5/31/90	*	395	28	86	14	<10	3	80
CR-SS-19B-1	5/31/90	7,867	<10	25	<10	<10	<10	2	121
CR-SS-19B-2	5/31/90	442	<10	<10	<10	23	<10	2	113
CR-SS-19B-3	5/31/90	227	<10	<10	<10	<10	<10	1	125

* - MATRIX INTERFERENCE PREVENTS THE DETECTION AND QUANTIFICATION OF THIS COMPOUND.

** - SAMPLE WAS ANALYZED TWICE

TABLE Q-1 (CONT.)

SOIL BORING FIELD GAS CHROMATOGRAPH RESULTS

(All results are reported in ug/Kg)

SAMPLE ID	DATE SAMPLED	2-BUTANONE	TRI-CHLOROETHENE	TOLUENE	TETRA-CHLOROETHENE	ETHYLBENZENE	O-XYLENE	NON-TARGET COMPOUNDS	% RECOVERY INTERNAL STANDARD
CR-SS-20A-1	6/1/90	2,411	938	<10	<10	<10	<10	1	123
CR-SS-20A-2	6/1/90	6,224	1,432	<10	<10	<10	<10	2	136
CR-SS-20A-3	6/1/90	153	176	<10	<10	<10	<10	1	101
TRIPBLANK	6/1/90	<10	<10	<10	<10	<10	<10	0	112

* - MATRIX INTERFERENCE PREVENTS THE DETECTION AND QUANTIFICATION OF THIS COMPOUND

** - SAMPLE WAS ANALYZED TWICE

B:\4305\VOLUE-GC.WK1

TABLE Q-1 (CONT.)

SOIL BORING LABORATORY VOLATILE ORGANIC COMPOUND ANALYSIS

GRAB SAMPLE ug/kg (ppb)	CR-SS-1E-2	CR-SS-2F-1	CR-SS-3E-3	CR-SS-4E-2	CR-SS-5E-2	CR-SS-6E-2	CR-SS-7D-1	CR-SS-8D-2	CR-SS-9D-3	CR-SS-10C-2	CR-SS-11D-2	CR-SS-12D-2	CR-SS-13C-2	CR-SS-14C-1	CR-SS-15B-1	CR-SS-16D-1	CR-SS-17E-1	CR-SS-18E-1	CR-SS-19D-1	CR-SS-20A-2
VOLATILES																				
Acrolein	<130	<130	<130	<130	<130	<130	<83,000	<120	<130	<140	<83,000	<8,400	<8,100	<30,000	<310,000	<220	<130	<8,200	<140	<8,200
Acrylonitrile	<130	<130	<130	<130	<130	<130	<83,000	<120	<130	<140	<83,000	<8,400	<8,100	<30,000	<310,000	<220	<130	<8,200	<140	<8,200
Chloromethane	<18	<10	<13	<13	<13	<13	<8,300	<12	<12	<14	<8,300	<840	<810	43,000	<31,000	<22	<13	<820	<14	<820
Bromomethane	<18	<10	<13	<13	<13	<13	<8,300	<12	<12	<14	<8,300	<840	<810	<3,000	<31,000	<22	<13	<820	16	<820
Vinyl chloride	<13	<10	<13	<13	<13	<13	<8,300	<12	<12	<14	<8,300	<840	<810	<3,000	<31,000	<22	<13	<820	<14	<820
Chloroethane	<18	<10	<13	<13	<13	<13	<8,300	<12	<12	<14	<8,300	<840	<810	<3,000	<31,000	<22	<13	<820	<14	<820
Methylene chloride	<9	<8	*18	*9	*11	*13	<6,200	*18	<9	<7	*4,900	*2,400	*1,700	*3,200	<15,000	*60	*990	*1,700	*11	*350
Acetone	<18	500	330	*14	<13	*78	<8,300	*30	<12	15,000	<8,300	*5,400	20,000	<3,000	<31,000	22,000	*1,800	83,000	15,000	*2,400
Carbon disulfide	<9	<5	<6	<6	<6	<6	<4,200	<6	<6	<7	<4,200	<420	<400	<1,500	<15,000	<11	<6	<410	<7	<310
1,1-Dichloroethene	<9	<5	<6	<6	<6	<6	<4,200	<6	<6	<7	<4,200	<420	<400	<1,500	<15,000	<11	<6	<410	<7	<310
1,1-Dichloroethane	<9	<5	<6	<6	<6	<6	<4,200	<6	<6	<7	<4,200	<420	<400	<1,500	<15,000	<11	<6	<410	89	<310
1,2-Dichloroethene (total)	<9	<5	<6	<6	<6	<6	<4,200	<6	<6	<7	<4,200	<420	<400	<1,500	<15,000	<11	<6	<410	<7	<310
Chloroform	<9	<5	<6	<6	<6	<6	<4,200	<6	<6	<7	<4,200	<420	<400	<1,500	<15,000	<11	<6	<410	<7	<310
1,2-Dichloroethane	<9	<5	<6	<6	<6	<6	<4,200	<6	<6	<7	<4,200	<420	<400	<1,500	<15,000	<11	<6	<410	<7	<310
2-Butanone	<18	<10	<13	<13	<13	<13	<8,300	20	<12	<14	<8,300	<840	<1,500	<3,000	<31,000	<22	<13	<820	170	<620
1,1,1-Trichloroethane	<9	<5	<6	<6	<6	<6	<4,200	<7	<6	<7	6,800	<420	<810	<1,500	<15,000	<11	<6	<410	<7	<310
Carbon tetrachloride	<9	<5	<6	<13	<6	<6	<4,200	<7	<6	<7	<4,200	<420	<400	<1,500	<15,000	<11	<6	<410	<7	<310
Vinyl acetate	<18	<10	<13	<6	<13	<13	<8,300	<13	<12	<14	<8,300	<840	<810	<3,000	<31,000	<22	<13	<820	<14	<620
Bromodichloromethane	<9	<5	<6	<6	<6	<6	<4,200	<7	<6	<7	<4,200	<420	<400	<1,500	<15,000	<11	<6	<410	<7	<310
1,2-Dichloropropane	<9	<5	<6	<6	<6	<6	<4,200	<7	<6	<7	<4,200	<420	<400	<1,500	<15,000	<11	<6	<410	<7	<310
cis-1,3-Dichloropropene	<9	<5	<6	<6	<6	<6	<4,200	<7	<6	<7	<4,200	<420	<400	<1,500	<15,000	<11	<6	<410	<7	<310
2-Chloroethylvinylether	<9	<5	<6	<6	<6	<6	<4,200	<7	<6	<7	<4,200	<420	<400	<1,500	<15,000	<11	<6	<410	<7	<310
Trichloroethene	<9	<5	<6	<6	<6	<6	<4,200	140	<6	<7	89,000	3,700	<400	<1,500	<15,000	<11	<6	<410	<7	<310
Dibromochloromethane	<9	<5	<6	<6	<6	<6	<4,200	<7	<6	<7	<4,200	<420	<400	<1,500	<15,000	<11	<6	<410	<7	<310
1,1,2-Trichloroethane	<9	<5	<6	<6	<6	<6	<4,200	<7	<6	<7	<4,200	<420	<400	<1,500	<15,000	<11	<6	<410	<7	<310

TABLE Q-1 (CONT.)
SOIL BORING LABORATORY VOLATILE ORGANIC COMPOUND ANALYSIS

GRAB SAMPLE ug/kg (ppb)	CR-SS-1E-2	CR-SS-2E-3	CR-SS-3E-3	CR-SS-4E-2	CR-SS-5E-2	CR-SS-6E-2	CR-SS-7D-1	CR-SS-8D-2	CR-SS-9D-3	CR-SS-10C-2	CR-SS-11D-2	CR-SS-12D-2	CR-SS-13C-2	CR-SS-14C-1*	CR-SS-15D-1	CR-SS-16D-1	CR-SS-17E-1	CR-SS-18E-1	CR-SS-19D-1	CR-SS-20A-2
VOLATILES																				
Benzene	<7	<5	<6	<5	<5	<6	<5,200	<7	<5	<7	<4,200	<420	<400	<1,500	<15,000	<11	<6	<410	<7	<310
trans-1,2-Dichloropropene	<9	<6	<8	<6	<6	<8	<4,200	<7	<6	<7	<4,200	<420	<400	<1,500	<15,000	<11	<8	<410	<7	<310
Bromoform	<9	<5	<6	<5	<6	20	<4,200	<7	<6	<7	<4,200	<420	<400	<1,500	<15,000	<11	<6	<410	<7	<310
4-Methyl-2-pentanone	<13	<10	<13	<10	<13	<13	<8,300	<13	<12	<14	<8,300	<840	<810	<3,000	<31,000	<22	<13	<820	<14	<620
2-Hexanone	<13	<10	<13	<10	<13	<13	<8,300	<13	<12	<14	<8,300	<840	3,700	<3,000	<31,000	<22	<13	<820	<14	<620
1,2,2-Tetrachloroethane	<9	<5	<6	<5	<6	<8	<4,200	<7	<6	<7	<4,200	<420	<400	<1,500	<15,000	<11	<6	<410	<7	<310
Tetrachloroethene	<9	<5	<6	<5	<5	<6	<4,200	140	<6	87	170,000	11,000	<400	<1,500	<15,000	<11	<6	<410	<7	<310
Toluene	<9	<5	<6	<5	<6	<8	<4,200	240	<6	<7	16,000	<420	2,000	17,000	53,000	<11	<6	<410	18	<310
Chlorobenzene	<9	<5	<6	<5	<6	<8	<4,200	<7	<6	<7	<4,200	<420	<400	<1,500	<15,000	<11	<6	<410	<7	<310
Ethylbenzene	<9	<5	<6	<5	<6	<8	26,000	10	<6	<7	<4,200	<420	2,100	7,400	56,000	<11	<6	<410	30	<310
Styrene	<9	<5	<6	<5	<6	<8	<4,200	<7	<6	<7	<4,200	<420	<400	<1,500	<15,000	<11	<6	<410	<7	<310
Xylene (total)	<9	<5	<6	<5	<6	<8	78,000	120	<6	10	8,600	2,000	11,000	73,000	540,000	<11	<6	2,000	39	<310
TOTALS UG/KG	N/D	500	380	N/D	N/D	N/D	102,000	650	N/D	13,000	194,600	13,700	36,800	97,400	649,000	22,050	N/D	62,300	15,298	N/D

NOTE: * = PROBABLE LABORATORY ARTIFACT, NOT INCLUDED IN TOTAL
(METHYLENE CHLORIDE FOUND IN RINSE BLANK, ACETONE FOUND IN TRIP BLANK)

REFERENCE: USEPA 1989 RISK ASSESSMENT GUIDANCE FOR SUPERFUND, HUMAN HEALTH EVALUATION MANUAL PART A, SECTION 5.5.

TABLE Q-1 (CONT.)

TARGET COMPOUND CONCENTRATIONS FIELD GC / LABORATORY

SAMPLE	TARGET COMPOUND All Concentrations in ug / Kg						TOTAL
	2-BUTANONE	TRI-CHLOETHENE	TOLUENE	TETRA-CHLOROETHENE	ETHYL BENZENE	O-XYLENE/ TOTAL XYLENE	
CR-SS-1E-2	<100/<18	<10/<9	<10/<9	<10<9	<10/<9	<10/<9	ND/ND
CR-SS-2E-3	<100/<10	<10/<5	<10/<5	<10/<5	<10/<5	<10/<5	ND/ND
CR-SS-3E-3	<100/<13	<10/<6	<10/<6	<10/<6	<10/<6	<10/<6	ND/ND
CR-SS-4E-2	<100/<13	<10/<6	<10/<6	<10/<6	<10/<6	<10/<6	ND/ND
CR-SS-5E-2	<100/<13	<10/<6	<10/<6	<10/<6	<10/<6	<10/<6	ND/ND
CR-SS-6E-2	<100/<13	<10/<6	<10/<6	<10/<6	<10/<6	<10/<6	ND/ND
CR-SS-7D-1	207/<8,300	<10/<4,200	409/<4,200	15/<4,200	15 710/26,000	2,612/76,000	18,953/102,000
CR-SS-8B-2	<100/20	<10/140	<10/240	<10/140	<10/16	<10/120	ND/676
CR-SS-9B-3	<100/<12	<10/<6	<10/<6	<10/<6	<10/<6	<10/<6	ND/ND
CR-SS-10C-2	<100/<14	<10/<7	<10/<7	<10/67	<10/<7	<10/10	ND/77
CR-SS-11D-2	298,050/<8,300	162,400/69,000	58,500/16,000	407,000/170,000	<250/<4,200	1,120/8,600	927,770/263,600
CR-SS-12D-2	192,000/<840	64,320/3,700	10,320/<420	121,900/11,000	75/<420	1,926/2,000	391,143/16,700
CR-SS-13C-2	101,800/<810	438/<400	37,200/2,000	1,558/<400	<50/2,100	340/11,000	141,342/15,100
CR-SS-14C-1	216/<3,000	58/<1,500	902/17,000	<10/<1,500	687/7,400	288/73,000	2,153/97,400
CR-SS-15B-1	<500/<31 000	223/<15,000	12,310/53,000	149/<15,000	216,000/56,000	5,355/540,000	234,037/649,000
CR-SS-16D-1	<100/<22	<10/<11	<10/<11	<10/<11	<10/<11	<10/<11	ND/ND
CR-SS-17E-1	135/<13	<10/<6	<10/<6	<10/<6	<10/<6	<10/<6	135/ND
CR-SS-18E-1	7,125/<820	<10/<410	439/<410	<10/<410	339/<410	156/2,300	8,058/2 300
CR-SS-19B-1	7,867/120	<10/<7	29/18	<10/<7	<10/33	<10/33	7,892/207
CR-SS-20A-2	6,224/<620	1,432/<310	<10/<310	<10/<310	<10/<310	<10/<310	7,656/ND

TABLE Q-1 (CONT.)

WASTE PIT BORING LABORATORY VOLATILE ORGANIC COMPOUND ANALYSIS

GRAB SAMPLE ug/kg (ppb)	CR-WS-1-1	CR-WS-3-5	CR-WS-4-5	CR-WS-5-4	CR-WS-6-6	CR-WS-7-5	CR-WS-8-5	CR-WS-9-1	CR-WS-10-2	CR-WS-12-5	CR-WS-13-10	CR-WS-14-8	CR-WS-15-7	CR-WS-16-2
VOLATILES														
Acrolein	<230	<32,000	<170,000	<9,500	<430,000	<230	<240	<130	<17,000	<430	<230	<860	<16,000	<220
Acrylonitrile	<230	<32,000	<170,000	<9,500	<430,000	<230	<240	<130	<17,000	<430	<230	<860	<16,000	<220
Chloromethane	<23	<3,200	<17,000	<950	<43,000	<23	<24	<13	<1,700	<43	<23	<86	<1,600	<22
Bromomethane	<23	<3,200	<17,000	<950	<43,000	<23	<24	<13	<1,700	<43	<23	<86	<1,600	<22
Vinyl chloride	<23	<3,200	<17,000	<950	<43,000	<23	<24	<13	<1,700	<43	<23	<86	<1,600	<22
Chloroethane	<23	<3,200	<17,000	<950	<43,000	<23	<24	<13	<1,700	<43	<23	<86	<1,600	<22
Methylene chloride	* 86	* 1,700	<8,600	* 490	<22,000	250	* 150	<7	<860	* 110	<11	<33	* 1,500	* 34
Acetone	150	3,400	<17,000	<950	<43,000	<23	540	<13	<1,700	89	140	88	53,000	<22
Carbon disulfide	<12	<1,600	<8,600	<470	<22,000	<12	41	<7	<860	<21	<11	<33	<820	<11
1,1-Dichloroethene	<12	<1,600	<8,600	<470	<22,000	<12	<12	<7	<860	<21	<11	<33	<820	<11
1,1-Dichloroethane	<12	<1,600	<8,600	<470	<22,000	<12	<12	<7	<860	<21	<11	<33	<820	<11
1,2-Dichloroethene (total)	<12	<1,600	<8,600	1,600	<22,000	54	<12	<7	5,500	<21	<11	50	1,000	<11
Chloroform	<12	<1,600	<8,600	<470	<22,000	<12	<12	<7	<860	<21	<11	<33	<820	<11
1,2-Dichloroethane	<12	<1,600	<8,600	<470	<22,000	<12	<12	<7	<860	<21	<11	<33	<820	<11
2-Butanone	<23	<3,200	<17,000	<950	<43,000	<23	30	<13	<1,700	<43	<23	<86	<1,600	<22
1,1,1-Trichloroethane	<12	<1,600	<8,600	<470	<22,000	<12	<12	<7	<860	<21	<11	<33	<820	<11
Carbon tetrachloride	<12	<1,600	<8,600	<470	<22,000	<12	<12	<7	<860	<21	<11	<33	<820	<11
Vinyl acetate	<23	<3,200	<17,000	<950	<43,000	<23	<24	<13	<1,700	<43	<23	<86	<1,600	<22
Bromodichloromethane	<12	<1,600	<8,600	<470	<22,000	<12	<12	<7	<860	<21	<11	<33	<820	<11
1,2-Dichloropropane	<12	<1,600	<8,600	<470	<22,000	<12	<12	<7	<860	<21	<11	<33	<820	<11
cis-1,3-Dichloropropene	<12	<1,600	<8,600	<470	<22,000	<12	<12	<7	<860	<21	<23	<33	<820	<11
2-Chloroethylvinyl ether	<12	<1,600	<8,600	<470	<22,000	<12	<12	<7	<860	<21	<11	<33	<820	<11
Trichloroethene	<12	<1,600	<8,600	<470	<22,000	<12	<12	<7	930	<21	<11	<33	4,600	<11
Dibromochloromethane	<12	<1,600	<8,600	<470	<22,000	<12	<12	<7	<860	<21	<11	<33	<820	<11
1,1,2-Trichloroethane	<12	<1,600	<8,600	<470	<22,000	<12	<12	<7	<860	<21	<11	<33	<820	<11

TABLE Q-1 (CONT.)

WASTE PIT BORING LABORATORY VOLATILE ORGANIC COMPOUND ANALYSIS

GRAB SAMPLE ug/kg (ppb)	CR-WS-1-1	CR-WS-3-5	CR-WS-4-5	CR-WS-5-4	CR-WS-6-6	CR-WS-7-5	CR-WS-8-5	CR-WS-9-1	CR-WS-10-2	CR-WS-12-5	CR-WS-13-16	CR-WS-14-8	CR-WS-15-7	CR-WS-16-2
VOLATILES														
Benzene	<12	<1,600	<8,600	<470	<22,000	<12	<12	<7	<860	<21	<11	<33	<820	<11
trans-1,3-Dichloropropene	<12	<1,600	<8,600	<470	<22,000	<12	<12	<7	<860	<21	<11	<33	<820	<11
Bromoform	<12	<3,200	<8,600	<470	<22,000	<12	<12	<7	<860	<21	<11	<33	<820	<11
4-Methyl-2-pentanone	<23	<3,200	<17,000	<950	<43,000	<23	<24	<13	<1,700	<43	<23	<66	<1,600	<22
2-Hexanone	<23	<1,600	<17,000	<950	<43,000	<23	<24	<13	<1,700	<43	<23	<66	<1,600	<22
1,1,2,2-Tetrachloroethane	<12	<1,600	<8,600	<470	<22,000	<12	<12	<7	<860	<21	<11	<33	<820	<11
Tetrachloroethene	<12	<1,600	<8,600	6,800	<22,000	<12	<12	<7	1,000,000	<21	<11	<33	12,000	<11
Toluene	<12	<1,600	78,000	970	<22,000	<12	<12	<7	<860	<21	<11	<33	<820	<11
Chlorobenzene	<12	<1,600	14,000	<470	<22,000	<12	<12	<7	<860	<21	<11	<33	<820	<11
Ethyl benzene	<12	4,300	49,000	3,300	150,000	<12	12	<7	<860	<21	<11	<33	2,400	<11
Styrene	<12	<1,600	<8,600	<470	<22,000	<12	<12	<7	<860	<21	<11	<33	<820	<11
Xylene (total)	<12	15,000	390,000	16,000	670,000	14	<12	<7	1,900	<21	<11	<33	5,700	<11
TOTALS UG/KG	150	22,700	531,000	28,070	820,000	318	779	N/D	1,008,330	89	140	138	78,700	N/D

NOTE: * = PROBABLE LABORATORY ARTIFACT, NOT INCLUDED IN TOTALS (METHYLENE CHLORIDE FOUND IN TRIP BLANK).

REFERENCE: USEPA 1989 RISK ASSESSMENT GUIDANCE FOR SUPERFUND, HUMAN HEALTH EVALUATION MANUAL PART A, SECTION 5.5

TABLE Q-1 (CONT.)
WASTE PIT BORING METALS ANALYSIS RESULTS

SAMPLE LOCATION	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COPPER	LEAD	MERCURY	NICKEL	SELENIUM	SILVER	THALLIUM	ZINC
	BACKGROUND LEVEL													
	N/A	6.0	600	3.0	2.0	40	20	25	0.2	40	1.0	1.0	1.0	60
CR-WS 1 -*	<10	4	127	<1	<1	10	7	22	<0.2	6	<1	<1	<1	23
CR-WS 3 -5	<3	* 6	330	<0.9	<0.9	18	8	18	<0.2	12	<1	<0.9	<1	31
CR-WS 4 -5	<10	5	211	<1	* 3	35	* 43	* 275	<0.2	23	<1	<1	<1	* 244
CR-WS 5 -4	<10	* 27	189	<1	* 7	* 44	* 211	* 143	<0.2	25	<1	<1	<1	* 273
CR-WS 6 -6	<10	3	355	<1	<1	16	13	11	<0.2	10	<1	<1	<1	46
CR-WS 7 -5	<10	4	159	<1	<1	22	* 59	* 27	<0.2	14	<0.9	<1	<0.9	* 103
CR-WS 8 -5	<10	2	301	<1	<1	16	11	20	<0.2	17	<0.9	<1	<0.9	* 68
CR-WS 9 -*	<10	2	96	<1	<1	* 194	* 24	* 65	* 1.3	26	<0.8	<1	<0.8	27
CR-WS 10 -2	<10	2	247	<1	<1	12	10	21	<0.2	14	<1	<1	<1	35
CR-WS 12 -5	<9	3	264	<0.9	<0.9	11	7	14	<0.2	14	<1	<0.9	<1	24
CR-WS 13 -10	<10	* 18	21	<1	<1	18	10	* 33	<0.2	21	<1	<1	<1	47
CR-WS 14 -8	<10	<1	90	<1	<1	15	7	17	<0.2	11	<1	<1	<1	37
CR-WS 15 -7	<10	4	136	<1	<1	18	7	17	<0.2	12	<1	<1	<1	33
CR-WS 16 -2	<10	3	199	<1	<1	11	7	20	<0.2	12	<1	<1	<1	22

NOTE: ALL CONCENTRATIONS IN MG/KG
* = ABOVE BACKGROUND LEVELS

TABLE 2
CHEMICAL RECYCLING INC.
MONITOR WELL SURVEY DATA AND WATER LEVEL DATA

						Pre- Development Water Levels		Post Sampling Water Levels	
Monitor Well ID	1) NORTHYING (Y)	1) EASTING (X)	2)Top of Casing ELEVATION 2006 Survey	Top of Casing ELEVATION 1994 survey	Difference between 1995 and 2006 survey data	Water Level ft BTOC	Water Level Elevation Based on 2006 Elevations	Water Level ft BTOC	Water Level Elevation Based on 2006 Elevations
MW 01	7,055,887.65	2,566,265.28	530.33	530.5	-0 17	11.89	518.44	11.84	518 49
MW 02	7,055,888.65	2,566,448.19	528.68	528.9	-0 22	17 72	510.96	17.65	511.03
MW 03	7,055,537.74	2,566,244.30	528.74	528.9	-0 16	10.55	518.19	10.52	518.22
MW 04	7,055,494.80	2,566,440 94	523.90	524.4	-0 50	10.1	513.80	12.32	511.58
MW 05	7,055,485.01	2,566,440 94	523.36	523.5	-0.14	8.51	514 85	8.37	514.99
MW 06	7,055,095.13	2,566,215 72	527.34	527.3	0.04	10 22	517.12	10.14	517.20
MW 07	7,055,095 98	2,566,427 24	521.72	521.9	-0.18	9.54	512.18	9.73	511.99
MW 08	7,055,228 41	2,566,436.38	522.15	522.3	-0 15	14.18	507 97	14 53	507 62
MW 09	7,055,252.51	2,566,341.35	523.99	524.2	-0.21	9.81	514.18	10.18	513.81
MW 10	7,055,329.58	2,566,230.47	527.70	527.9	-0.20	10 1	517.60	10.09	517.61
MW 11	7,055,374.63	2,566,335 80	525.47	525.8	-0 33	10.58	514.89	10.27	515.20
MW 12	7,055,389.47	2,566,447.51	523.39	523.5	-0 11	8.9	514 49	10 12	513.27
MW 13	7,055,494.36	2,566,377.43	524.77	525	-0 23	10 69	514.08	10 77	514 00
MW 14	7,055,549.22	2,566,386.66	524.79	524.9	-0.11	7.79	517 00	7 98	516.81

1) COORDINATE ARE. STATE PLANE COORDINATE 1983
TEXAS NORTH CENTRAL ZONE

2) ELEVATIONS ARE NAVD 88
DERIVED FROM
CORS TXCO

Pre-development water level elevations based on static water levels recorded November 13 through November 17, 2006
Post sampling water level elevations based on static water levels recorded December 15, 2006

TABLE 3
CHEMICAL RECYCLING INC.
SOIL METALS ANALYSIS

Analyte	Screening Level	SB01-06	SB01-12	SB01-18	SB02-06	SB02-12	SB02-18	SB03-06	SB03-12	SB03-18	SB04-06	SB04-12	SB04-18
Mercury ug/kg	390	**876**	3.53	7.24 J	**677**	45.7	26.2	146	25.4	15.1 J	139	7.42 J	5.13 J
Antimony mg/kg	270	4.74	<0 15	<0.15	2.23	<0 15	0.17 J	<0.14	<0.15	<0.16	2.02	<0.17	<0.16
Arsenic mg/kg	200	2.93	2.3	3.66	3 25	3.48	4.93	5 59	4.72	4.64	4.67	1.97	2.51
Banum mg/kg	220000	545	132	208	440	147	101	124	134	188	521	146	124
Beryllium mg/kg	92	0.28 J	0.665	0.69	0.381 J	0.502 J	0 489 J	0.566	0.622	0.75	0.431 J	0.724	0.575 J
Cadmium mg/kg	75	3.31	0.229 J	0 106 J	1 46	0.175 J	0.201 J	0.349 J	0.231 J	0 108 J	0.684	<0.036	<0.035
Chromium mg/kg	57000	611	16.5	11.2	267	21.5	11	19 4	13.7	16	345	11.2	8.61
Copper mg/kg	37000	127	16 9	9.53	214	19.2	121	264	61 5	15.8	160	11.5	8.09
Lead mg/kg	150	**2080**	36.6	22.6	**1090**	58.8	96.1	**193**	56.3	23.7	**1430**	16 2	18.1
Nickel mg/kg	7900	15.7	10 3	13.3	13 8	9.07	8.61	12.1	12.8	12.9	12.3	7 85	8.06
Selenium mg/kg	110	0.32 J	0.492 J	0.706	0.411 J	0.747	0.781	0.934	0.907	0.914	0.673	0.78	0.406 J
Silver mg/kg	71	0.158 J	<0.021	<0.022	0.0383 J	<0.021	0.196 J	<0.021	0.0384 J	<0 023	0.0239 J	<0.024	<0.023
Thallium mg/kg	78	< 0.049	0 0666 J	0 0707 J	0.0653 J	0.0905 J	0.0692 J	0.0784 J	0.0955 J	0.152 J	0.078 J	0.0771 J	0.065 J
Zinc mg/kg	250000	1160	65	26.3	667	73.1	65.2	97.4	57.9	54 2	595	23.8	22

Analtye	Screening Level	SB05-06	SB05-12	SB05-18	SB06-06	SB06-12	SB06-18	SB07-06	SB07-12	SB07-18	SB08-06	SB08-12	SB08-18
Mercury ug/kg	390	229	60.2	7.95 J	33.6	1 84 J	11.8 J	174	6 73	7 09	10.5 J	9.75 J	53.8
Antimony mg/kg	270	3.32	<0 15	<0.16	0.898	<0.17	<0.16	3.29	<0.17	<0.16	<0.16	<0.16	0.346 J
Arsenic mg/kg	200	3.18	4.11	2 51	4.96	10.5	4.37	7.06	3.59	3.59	4.85	3.56	3.94
Barium mg/kg	220000	400	173	135	199	167	218	268	189	213	191	96.1	191
Beryllium mg/kg	92	0.415 J	0.764	0.786	0.604	0.879	0.785	0.181 J	0.681	0.691	0.757	0.679	0.735
Cadmium mg/kg	75	1.11	0.285 J	0.0882 J	0.35 J	0.114 J	0.135 J	0.825	0.0905 J	0 0892 J	0 13 J	0.15 J	0.247 J
Chromium mg/kg	57000	291	15.1	12.4	137	13.2	20.5	541	9.56	10.5	14.9	15.6	46.3
Copper mg/kg	37000	169	22.3	8.02	144	12.6	12.1	56.4	39.8	13.4	18 2	7.56	19.6
Lead mg/kg	150	**1390**	39.8	16.4	**579**	41	45.8	**2080**	26.6	11.8	24.6	9.91	131
Nickel mg/kg	7900	13.8	15.4	14.8	13.4	21.9	15	11	11.1	12.2	13.5	10.4	14.7
Selenium mg/kg	110	1.2	0.783	0.627	1.53	1.75	1.74	2 29	1.15	1.28	1.32	1.41	1.1
Silver mg/kg	71	0.0775 J	0.0519 J	0 0466 J	0 0483 J	<0.024	0.0233 J	0.0244 J	0.256 J	<0.023	<0 023	<0.022	<0.023
Thallium mg/kg	78	0.165 J	0.238 J	0.182 J	0.158 J	0.159 J	0.137 J	0 0513 J	0.0781 J	0.0895 J	0.0925 J	0.125 J	0.128 J
Zinc mg/kg	250000	1120	61.6	26.7	513	29.7	44.3	985	29.5	22.6	41.6	31.9	296

Screening Level is the lowest concentration of $^{Tot}Soil_{Comb}$, $^{GW}Soil_{Class3}$, $^{Air}Soil_{Inh\text{-}V}$, and $^{Air}GW\text{-}Soil_{Inh\text{-}V}$ for 30-acre source area.

TABLE 3
CHEMICAL RECYCLING INC.
SOIL METALS ANALYSIS

Analtye	Screening Level	SB09-06	SB09-12	SB09-18	SB10-06	SB11-06	SB12-06	SB13-06	SB13-12	SB14-06	SB15-06	SB16-06	SB17-06
Mercury ug/kg	390	86.7	6.19 J	15.1 J	13.7 J	14.1 J	25.7	361		6.27 J	9.84 J	19.4	16.8
Antimony mg/kg	270	23.5	<0.17	<0.16	<0 17	0.172 J	0.199 J	12.4		0.187 J	0.223 J	0.302 J	<0.17
Arsenic mg/kg	200	3.02	2 51	3	5.75	4.99	5.01	5.59		7 18	2.71	5.58	4.02
Barium mg/kg	220000	8990	351	161	186	164	142	902		299	206	258	187
Beryllium mg/kg	92	0.0938 J	0.7	0.714	0 71	0.692	0.602	0.297 J		0 857	0 722	0.706	0.777
Cadmium mg/kg	75	2.28	0.121 J	0.124 J	0.0887 J	0.422 J	0.453 J	1 08		0.231 J	0.149 J	0.486 J	0 397 J
Chromium mg/kg	57000	3100	15.1	13.4	10.5	13.4	13 6	1410		21.1	21.1	54	34.1
Copper mg/kg	37000	250	7.89	17.6	14 5	103	295	301		58.2	14	35.3	25.1
Lead mg/kg	150	**10300**	16.4	31.5	24	41.7	**280**	**5830**	**311**	144	70.1	**194**	106
Nickel mg/kg	7900	21 4	18.4	11.1	14 5	14.4	13.3	16.8		20 3	14.8	18	12
Selenium mg/kg	110	0.495 J	0.696	1	1.04	1.44	1 15	1 29		1.62	0.987	1.53	1.39
Silver mg/kg	71	0.0927 J	0 0237 J	0.0409 J	<0.025	0.0993 J	0.146 J	<0 020		<0.023	<0.023	<0.023	<0 024
Thallium mg/kg	78	0 0904 J	0.118 J	0.094 J	0.0824 J	0.149 J	0 104 J	0.0608 J		0.147 J	0.0931 J	0.142 J	0.163 J
Zinc mg/kg	250000	4530	59.4	34.1	32.2	101	140	1750	136	44.4	53 6	138	56.3

Analtye	Screening Level	SB18-06	SB19-06	SB20-06	SB21-06	SB22-06	SB23-06	SB23-12	SB24-06	SB25-06	SB26-06	SB27-06	SB28-06
Mercury ug/kg	390	3.1 J	4.02 J	125	89.6	24.5	57.4		79.4	78.2	114	259	244
Antimony mg/kg	270	<0.16	<0.16	0.244 J	0.167 J	0.26 J	6.13		0 491	0.391 J	0.475 J	0.317 J	2.39
Arsenic mg/kg	200	3.46	4.68	5.08	4.33	4.43	4.4		5.66	2.61	7.05	4 69	4.11
Barium mg/kg	220000	212	331	199	176	197	583		160	137	222	171	611
Beryllium mg/kg	92	0.76	0.87	0.808	0.861	0.759	0.572		0.392	0.652	0 748	0.603	0.466 J
Cadmium mg/kg	75	0.105 J	0.179 J	0.348 J	0.22 J	0.255 J	1.41		1.05	0.129 J	0.3 J	0.519 J	1.85
Chromium mg/kg	57000	13.8	13.2	37.8	26.2	28.8	363		76 1	60.7	21.2	64.1	328
Copper mg/kg	37000	13 4	12.7	31.3	18.7	44	98.5		40	12.3	53.4	65.4	321
Lead mg/kg	150	18.7	26.6	115	87	78.8	**1620**	21.8	**258**	**243**	64.3	128	**1160**
Nickel mg/kg	7900	10 1	22.2	13.8	13	13.8	42		11.7	8.48	13.9	13	14.9
Selenium mg/kg	110	1.15	1.45	1.27	1.24	1.35	1.13		1 52	1.21	1.37	1.13	0.94
Silver mg/kg	71	<0.023	<0.023	<0 022	<0.023	<0.022	<0.021		0.0443	0.037 J	0.122 J	<0.022	<0.020
Thallium mg/kg	78	0 119 J	0.144 J	0.128 J	0.128 J	0.128 J	0.0996 J		0.0854	0.095 J	0.126 J	0.126 J	0 0919 J
Zinc mg/kg	250000	29	27.9	149	113	86.8	555		235	66.5	286	118	556

Screening Level is the lowest concentration of $^{Tot}Soil_{Comb}$, $^{GW}Soil_{Class3}$, $^{Air}Soil_{Inh\text{-}V}$, and $^{Air}GW\text{-}Soil_{Inh\text{-}V}$ for 30-acre source area

TABLE 3
CHEMICAL RECYCLING INC.
SOIL METALS ANALYSIS

Analtye	Screening Level	SB28-12	SB29-06	SB29-12	SB30-06	SB30-12	SB31-06	SB31-12	SB32-06	SB32-12	SB33-06	SB34-06	SB35-06
Mercury ug/kg	390		**780**	25.2 (H)	221		**1130**	**1910 (H)**	**601**		13.4 J	21.9	34.5
Antimony mg/kg	270		3.48		1.78		2.15		8.75		<0.16	<0.16	<0 16
Arsenic mg/kg	200		5.35		3.81		3 21		5.67		5.36	3.88	5.39
Barium mg/kg	220000		407		332		221		570		266	160	196
Beryllium mg/kg	92		0.339 J		0.436 J		0.25 J		0.333 J		0 863	0.746	0.782
Cadmium mg/kg	75		3.19		0.709		2.19		1.63		0.265 J	0.169 J	0 277 J
Chromium mg/kg	57000		389		234		241		703		19 8	24.6	27 3
Copper mg/kg	37000		233		52.9		59.5		59.4		26.6	29 5	39.9
Lead mg/kg	150	22.3	**1570**	75	**828**	108	**1140**	**2660**	**2390**	31.2	61 6	70.6	75 8
Nickel mg/kg	7900		25.9		10.6		13.7		14.2		18.4	11 8	14.5
Selenium mg/kg	110		0.846		0.906		0.799		1.21		1 23	0.953	0.992
Silver mg/kg	71		<0.021		<0.022		0.0347 J		<0 020		<0 023	<0.024	<0 023
Thallium mg/kg	78		0.0601 J		0.0763 J		0.0722 J		0.0794 J		0.148 J	0.106 J	0.117 J
Zinc mg/kg	250000		929		334		706		887		67.7	58.6	65.7

Analtye	Screening Level	SB36-06	SB36-12	SB37-06	SB38-06	SB38-12	SB39-06	SB39-12	SB40-06	SB40-12	SB41-06	SB41-12	SB42-06
Mercury ug/kg	390	**6420**	23.7 (H)	17.1	**905**	14 6 (H)	66.3		307		47.9	11 8 (H)	52.6
Antimony mg/kg	270	2.78		<0.16	3.15		0.723		0.442 J		0 44 J		<0.15
Arsenic mg/kg	200	2.94		3.68	2.92		3.68		4 08		3 2		2.31
Barium mg/kg	220000	582		181	589		222		223		251		184
Beryllium mg/kg	92	0.603		0.876	0.696		0.754		0.832		0.862		0.825
Cadmium mg/kg	75	1.3		0.204 J	3.34		0.487 J		1 63		1.02		0.258 J
Chromium mg/kg	57000	395		16.2	369		83 3		73 3		96.5		14.9
Copper mg/kg	37000	134		9.2	74.2		51.5		49.1		34.7		13.7
Lead mg/kg	150	**1630**	12.7	38 2	**1890**	18.7	**363**	27.5	**351**	**5380**	**512**	22.1	34.1
Nickel mg/kg	7900	22.4		15.2	25.1		11.2		14.2		11		16 2
Selenium mg/kg	110	0.644		0.799	0.99		0.787		0.906		0.96		0.737
Silver mg/kg	71	0.244 J		0 0636 J	0.255 J		0.0805 J		0.138 J		0.0931 J		0.0766 J
Thallium mg/kg	78	0.102 J		0.221 J	0.226 J		0.219 J		0.233 J		0.269 J		0 218 J
Zinc mg/kg	250000	837		37.2	635		192		209		124		46.6

Screening Level is the lowest concentration of $^{Tot}Soil_{Comb}$, $^{GW}Soil_{Class3}$, $^{Air}Soil_{Inh\text{-}V}$, and $^{Air}GW\text{-}Soil_{Inh\text{-}V}$ for 30-acre source area.

TABLE 3
CHEMICAL RECYCLING INC.
SOIL METALS ANALYSIS

Analtye	Screening Level	SB43-06	SB43-12	SB44-06	SB44-12	SB45-06	SB46-06	SB46-12	SB47-06	SB48-06	SB49-06	SB50-06	SB50-12
Mercury ug/kg	390	16.2		52 2		48.5	91.2		24.8	34.8	13 J	93.7	
Antimony mg/kg	270	0.604		0.907		0.188 J	5.93		<0 15	0.536 J	<0.17	4.25	
Arsenic mg/kg	200	3.94		2.88		4 77	2.88		3 89	2.78	3.81	2.98	
Barium mg/kg	220000	308		237		312	765		166	236	236	961	
Beryllium mg/kg	92	0.755		0.701		0.953	0.626		0.749	0.863	0.843	0.598	
Cadmium mg/kg	75	0.534		0.955		0.529 J	4.18		0.199 J	0.316 J	0.21 J	1 06	
Chromium mg/kg	57000	140		174		34.2	512		27	45.5	14.5	600	
Copper mg/kg	37000	66.9		118		41.6	62.3		14	12.9	9.08	130	
Lead mg/kg	150	**712**	**875**	**318**	19.3	142	**2330**	72 1	79 1	149	29 8	**1910**	40 9
Nickel mg/kg	7900	14 2		10.9		22.7	16		10.3	11 3	13.7	20.5	
Selenium mg/kg	110	0.816		0.875		1.01	1.05		0 827	0 797	0.94	0.74	
Silver mg/kg	71	0.0894 J		0 087 J		0.0921 J	0 104 J		0.0713 J	0.0763 J	0.0794 J	0.277 J	
Thallium mg/kg	78	0.215 J		0.209 J		0.291 J	0.173 J		0.191 J	0.211 J	0.234 J	0.178 J	
Zinc mg/kg	250000	307		282		130	**1220**	48.4	32.2	116	36.9	**1430**	35.6

Analtye	Screening Level	SB51-06	SB52-06	SB52-12	SB53-06	SB54-06	SB55-06	SB56-06	SB56-12	SB57-06	SB58-06	SB58-12	SB59-06
Mercury ug/kg	390	8.42 J	23 8		16.4	15.9 J	19.7	59 6		12.3 J	306		22
Antimony mg/kg	270	<0 16	1.43		0.174	0 234 J	0.71	1.23		0.301 J	4.62		0.631
Arsenic mg/kg	200	4.02	3 78		4.2	3.28	4.14	4.17		4.63	3.79		6.3
Barium mg/kg	220000	361	366		208	213	236	365		216	693		253
Beryllium mg/kg	92	0.898	0.796		0.844	0 976	0.776	0.836		0 855	0 712		0.628
Cadmium mg/kg	75	0.272 J	0.683		0.315	0.247 J	0.408 J	0.87		0.456 J	2.4		0.993
Chromium mg/kg	57000	15.7	174		18.4	25	71.8	136		39.4	403		82.9
Copper mg/kg	37000	9.8	39.1		38.1	12.9	22.9	34 2		184	66.9		45.7
Lead mg/kg	150	46.7	**672**	**219**	68.6	66.5	**250**	**479**	30.6	126	**1490**	**1650**	**353**
Nickel mg/kg	7900	20.5	17.5		11.6	12 2	16.8	21.1		13.9	33 1		19.8
Selenium mg/kg	110	0.937	0.78		0.783	0.824	1	1.1		1.01	0.87		1.56
Silver mg/kg	71	0.0716 J	0.0862 J		0.0791	0.0809 J	0.0591 J	0 0688 J		0.0679 J	0.0774 J		<0.022
Thallium mg/kg	78	0.243 J	0.195 J		0.202	0.222 J	0.251 J	0.215 J		0.208 J	0 173 J		0.139 J
Zinc mg/kg	250000	46.6	460		111	115	154	384		131	988		209

Screening Level is the lowest concentration of $^{Tot}Soil_{Comb}$, $^{GW}Soil_{Class3}$, $^{Air}Soil_{Inh\text{-}V}$, and $^{Air}GW\text{-}Soil_{Inh\text{-}V}$ for 30-acre source area

TABLE 3
CHEMICAL RECYCLING INC.
SOIL METALS ANALYSIS

Analtye	Screening Level	SB59-12	SB60-06	SB60-12	SB61-06	SB62-06	SB63-06	SB64-06	SB64-12	SB65-06	SB65-12	SB66-06	SB66-12
Mercury ug/kg	390		123		14.5 J	10.3 J	16.2	44.8		175		31.9	
Antimony mg/kg	270		4.11		0.289 J	<.16	< 16	1.26		2.64		0.879	
Arsenic mg/kg	200		2.98		6.52	4.51	4.94	4.15		3 98		4.06	
Barium mg/kg	220000		603		228	208	219	355		747		284	
Beryllium mg/kg	92		0.793		0.746	0.824	0.855	0.856		0.716		0.754	
Cadmium mg/kg	75		1.42		0.424 J	0 232 J	0.324 J	0 915		1.15		1 21	
Chromium mg/kg	57000		452		32.3	19.1	31.5	121		488		99	
Copper mg/kg	37000		80.7		25	16.6	28.9	23 4		99.9		20 2	
Lead mg/kg	150	18.7	**1500**	**357**	120	53 4	99.9	**380**	2 74	**1770**	36.8	**375**	26
Nickel mg/kg	7900		20.5		19.8	14.5	17.7	18.7		28		14 3	
Selenium mg/kg	110		0.898		1.52	0.77	0.808	0.903		1.06		0.941	
Silver mg/kg	71		0.0948 J		<0 025	<.024	<.022	0.023		<0.21		<0 022	
Thallium mg/kg	78		0.181 J		0.163 J	0.196 J	0.158 J	0 129 J		0 115 J		0.127 J	
Zinc mg/kg	250000		1060	307	190	114	96 8	347		1030	36.4	274	

Analtye	Screening Level	SB67-06	SB68-06	SB68-12	SB69-06	SB69-12	SB69-18	SB70-06	SB70-12	SB70-18	SB71-06	SB71-12	SB71-18
Mercury ug/kg	390	17.1	17.2		119	12 9 J	16.3	125	45 4	37 7	**5190**	14.7	29.6
Antimony mg/kg	270	0.207 J	0.597		1.62	<.15	<.16	0.17 J	<.15	<.15	0.897	< 15	<.16
Arsenic mg/kg	200	4.82	4.21		4.95	4.97	3 48	3.23	3.37	3.17	3 56	2.7	2.7
Barium mg/kg	220000	205	278		594	139	279	183	181	173	254	251	169
Beryllium mg/kg	92	0.883	0.831		0.7	0.727	0.762	0.711	0.769	0.779	0.579	0.904	0 79
Cadmium mg/kg	75	0.602	1.82		0 709	0.209 J	0.175 J	0.201 J	0.196 J	0.108 J	1.11	0.312 J	0.077 J
Chromium mg/kg	57000	25.7	96.5		262	10.3	9.13	14.8	11	11.6	177	15.2	11 1
Copper mg/kg	37000	13.8	20.6		56.9	28.5	6.56	34.4	11.8	8.62	133	12	8.95
Lead mg/kg	150	99.7	**304**	22.7	**1040**	25	24.8	60.8	28 8	24.6	**819**	67 3	26.6
Nickel mg/kg	7900	13.6	15.9		20.1	9 32	18.6	12	13.6	13 7	22 2	16.8	9.43
Selenium mg/kg	110	0 779	0.949		1 13	0.844	0 673	0.735	0.867	0 923	0.561	0 775	0 718
Silver mg/kg	71	<0.023	<0.023		<0.025	<0.021	<.023	<0.021	<0.022	<.022	0.265 J	0.0717 J	<0.023
Thallium mg/kg	78	0.127 J	0.143 J		0 143 J	0 12 J	0 144 J	0.104 J	0.0908 J	0.126 J	0.0609 J	0.193 J	0.099 J
Zinc mg/kg	250000	99.1	346		618	37.3	21.2	70 6	29.5	25.9	383	182	25 5

Screening Level is the lowest concentration of $^{Tot}Soil_{Comb}$, $^{GW}Soil_{Class3}$, $^{Air}Soil_{Inh\text{-}V}$, and $^{Air}GW\text{-}Soil_{Inh\text{-}V}$ for 30-acre source area

TABLE 3
CHEMICAL RECYCLING INC.
SOIL METALS ANALYSIS

Analtye	Screening Level	SB72-06	SB72-12	SB72-18	SB72-24	SB73-06	SB73-12	SB73-18	SB74-06	SB74-12	SB74-18	SB75-06	SB75-12
Mercury ug/kg	390	**4000**	307	293		**1100**	22.5	9.58	173	11.1 J	8.64 J	17 4	9 3 J
Antimony mg/kg	270	0.454 J	2.84	1.46		2	0.45 J	0.177	2 34	<.17	<.17	<.16	<.16
Arsenic mg/kg	200	3.03	2.65	2.37		2.22	2.48	3.55	3.56	4.05	3.49	5.39	3.61
Barium mg/kg	220000	290	772	353		441	219	192	395	278	155	271	139
Beryllium mg/kg	92	0.688	0 658	0.698		0.531	0.777	0.758	0.553 J	0.735	0.752	0.695	0.738
Cadmium mg/kg	75	2.03	10	4.44		1.25	0.141 J	0.104	0.705	0.12 J	0 0699 J	0.149 J	0.0861 J
Chromium mg/kg	57000	65.7	596	158		292	36.2	14.7	354	15.2	13 3	12 2	14.6
Copper mg/kg	37000	19.8	104	30.2		170	13.8	8.02	58.7	8.59	7.23	9.46	10.2
Lead mg/kg	150	**428**	**3900**	**1320**	23.9	**1190**	117	22	**1520**	45.2	16.1	38.8	16.6
Nickel mg/kg	7900	15.1	16.1	11.9		58.1	12.8	13.5	13.7	14 9	9.85	17.9	12.2
Selenium mg/kg	110	1.34	2.08	1.42		0.886	0 735	1.23	1.1	1.21	1 15	1.23	1.15
Silver mg/kg	71	<0.021	0.0766 J	0.0474 J		0.117 J	0 0544 J	<.022	0.0233 J	< 024	<.024	<0.023	<0.023
Thallium mg/kg	78	0.171 J	0 337 J	0 137 J		0.183 J	0.167 J	0.186	0.125 J	0.13 J	0.0982 J	0.117 J	0.113 J
Zinc mg/kg	250000	112	739	265		760	72.5	25.8	887	29.3	22.6	25.5	25.4

Analtye	Screening Level	SB75-18	SB76-06	SB76-12	SB76-18	SB77-06	SB77-12	SB77-18	SB78-06	SB78-12	SB78-18	SB79-06	SB79-12
Mercury ug/kg	390	6.52 J	17.5	5.92 J	4.26 J	178	22.8	8.84 J	29.1	18 8	2.3 J	22.6	5.94 J
Antimony mg/kg	270	<.18	0 172 J	<.16	<.17	0.32 J	0 233 J	<.16	1.77	0 959	<.16	<.18	<.17
Arsenic mg/kg	200	4.84	3.69	2.92	3.49	4.16	3.71	3.63	5.94	4.45	3.32	5.12	5 07
Barium mg/kg	220000	239	219	183	230	276	180	199	450	235	166	164	319
Beryllium mg/kg	92	0.897	0.748	0.786	0.806	0.669	0.725	0.776	0.545	0.796	0.766	0.738	0.839
Cadmium mg/kg	75	0.106 J	0.214 J	0.072 J	0.0784 J	0.485 J	0.204 J	0.104 J	0.785	0.354 J	0.0704 J	0.314 J	0.247 J
Chromium mg/kg	57000	16.3	17.8	13.4	13.5	53.5	40.3	16.6	236	65.8	18.9	23.1	14.6
Copper mg/kg	37000	7.85	10.5	7.09	7.39	30.7	14.8	7.07	53.2	23.7	7.98	17	10.3
Lead mg/kg	150	21.8	46.7	15.1	17.6	**225**	116	16.5	**913**	**274**	44.3	69	32.6
Nickel mg/kg	7900	16.5	13.5	12	14 1	16.4	11.4	10.5	22	16.1	10.5	13.7	22.6
Selenium mg/kg	110	1.41	1.13	1.15	1.14	1.15	1.11	1.37	1.63	1.41	1.48	1 56	1 4
Silver mg/kg	71	<.025	<0.022	< 023	<.025	0.0262 J	<0.022	<.023	<0.021	<.024	<.023	<.026	< 024
Thallium mg/kg	78	0.152 J	0.154 J	0.103 J	0.123 J	0 106 J	0 115 J	0.2 J	0.119 J	0.15 J	0 109 J	0.143 J	0.178 J
Zinc mg/kg	250000	27 9	36	23.2	24.1	214	80.2	26	598	323	36	106	29.3

Screening Level is the lowest concentration of $^{Tot}Soil_{Comb}$, $^{GW}Soil_{Class3}$, $^{Air}Soil_{Inh\text{-}V}$, and $^{Air}GW\text{-}Soil_{Inh\text{-}V}$ for 30-acre source area.

TABLE 3
CHEMICAL RECYCLING INC.
SOIL METALS ANALYSIS

Analtye	Screening Level	SB79-18		SB80-06		SB80-12		SB80-18		SB81-06		SB81-12		SB81-18		SB82-06		SB82-12		SB82-18		SB83-06		SB83-12	
Mercury ug/kg	390	<1.8		35.3		17.8		4.81	J	33.6		9.03	J	5.23	J	64		7.73	J	6 85		95.2		7 61	J
Antimony mg/kg	270	<.17		0.325	J	<0 17		<0.17		2.12		<0 16		<0.17		1.62		0.219	J	<0.16		10.6		<0.17	
Arsenic mg/kg	200	3.23		4.75		3.17		3.21		4.56		3.82		2.71		4.5		2.95		3.4		3.09		3.9	
Barium mg/kg	220000	199		257		182		176		669		189		182		540		238		259		1530		271	
Beryllium mg/kg	92	0.83		0.866		0.983		0.977		0 821		1.01		0.992		0.747		0.985		1.07		0.737		0.985	
Cadmium mg/kg	75	0.0948	J	0.652		0.231	J	0.169	J	1.3		0.222	J	0.14	J	1.08		0.175	J	0 18		2.35		0.18	J
Chromium mg/kg	57000	14.6		47.1		11.7		12.3		317		13.7		11.4		303		22.3		13.5		1060		17.4	
Copper mg/kg	37000	8.84		26 1		8.81		8.13		45 2		9.8		7 89		43.6		10.5		8 47		85.3		7.94	
Lead mg/kg	150	15.8		**185**		33.2		21		**1110**		29.6		16 8		**938**		50.6		22.8		**3870**		27	
Nickel mg/kg	7900	14.3		16.9		12.5		14.9		30.7		15		13.4		24 7		13.9		18.4		56		16.6	
Selenium mg/kg	110	1.3		0.825		0.782		0.822		0 917		0.968		0.875		0.991		0.682		0.933		0 753		0 882	
Silver mg/kg	71	<.025		0.0347	J	0.0267	J	0.033	J	0.0269	J	<0.023		<0.025		0.0295	J	<0.057		<0.023		0.0682	J	<0 024	
Thallium mg/kg	78	0.131	J	0.176	J	0.146	J	0.168	J	0.256	J	0.227	J	0.218	J	0.185	J	0.187	J	0.25		0.191	J	0.236	J
Zinc mg/kg	250000	26.4		222		50.2		32.2		749		40		29.5		792		61.4		34		2160		39.2	

Analtye	Screening Level	SB83-18		SB84-06		SB84-12		SB84-18		SB85-06		SB85-12		SB85-18		SB86-06		SB86-12		SB86-18	
Mercury ug/kg	390	4.35	J	171		12	J	6 72	J	**970**		11.2	J	12	J	13 5	J	7.26	J	12.6	J
Antimony mg/kg	270	<0.16		5.9		<0.16		<0.17		6.56		<0.16		<0.17		0.441	J	<.15		<.15	
Arsenic mg/kg	200	5.51		3 09		3.82		3.37		3		2.02		2.86		3.53		3 35		4.18	
Barium mg/kg	220000	311		1100		244		302		1020		185		161		348		183		176	
Beryllium mg/kg	92	1.05		0.694		0.984		1		0.324	J	0.851		0.879		0.788		0.73		0.673	
Cadmium mg/kg	75	0.198	J	4 11		0.315	J	0.264	J	2.19		0.169	J	0.242	J	0 305	J	0.124	J	0.239	J
Chromium mg/kg	57000	26.5		776		17.3		14		1040		13.1		14		71.7		12.1		19.5	
Copper mg/kg	37000	9.16		74.5		8.55		7.64		95 1		45.6		10.1		36 1		22.5		18.6	
Lead mg/kg	150	64.8		**2610**		39.1		16.4		**3500**		34		38.5		**369**		27.4		47.4	
Nickel mg/kg	7900	20.5		31.6		16.2		16.1		15.9		11.8		9.41		13 8		10.6		13.4	
Selenium mg/kg	110	0.848		0.785		0.792		0.873		0.556		0.706		0.717		0.688		0.6		0.79	
Silver mg/kg	71	<0.023		0.042	J	<0.023		0.096	J	0.0868	J	0.0856	J	0.0986	J	<.022		<.022		<0.021	
Thallium mg/kg	78	0.237	J	0.167	J	0.231	J	0.317	J	0.0905	J	0.209	J	0.211	J	0.196	J	0.168	J	0.133	J
Zinc mg/kg	250000	58.7		1580		49.7		30		2770		44.4		42.8		320		39.8		50.1	

Screening Level = TCEQ Tier I PCL soil to Class III Exposure Route

Screening Level is the lowest concentration of $^{Tot}Soil_{Comb}$, $^{GW}Soil_{Class3}$, $^{Air}Soil_{Inh\text{-}V}$, and $^{Air}GW\text{-}Soil_{Inh\text{-}V}$ for 30-acre source area.

TABLE 3
CHEMICAL RECYCLING INC.
SOIL METALS ANALYSIS

Bold indicates concentrations at or above PCL
H = analyzed outside holding time
J = analyte detected at concentration below method detection limit

Screening Level is the lowest concentration of $^{Tot}Soil_{Comb}$, $^{GW}Soil_{Class3}$, $^{Air}Soil_{Inh\text{-}V}$, and $^{Air}GW\text{-}Soil_{Inh\text{-}V}$ for 30-acre source area.

TABLE 4
CHEMICAL RECYCLING INC.
SOIL VOLATILE ORGANIC COMPOUND ANALYSIS

Analyte µg/kg	Screening Level		SB01-18	SB01-24	SB02-18	SB03-18	SB04-18	SB05-18	SB06-18	SB07-18	SB08-18	SB09-18	SB69-18
1,1,1-Trichloroethane	8100	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	2600	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	2500000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	2500	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	690	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1100	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	440000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1300	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	71000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	16000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	3100	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	55000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	4600000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	9000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	23000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	740	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	130000	Tier I	ND	12	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	380000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	25000	Tier I	18	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	410000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	25000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	4000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	1700	Tier I	35	37	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	1100	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes,Total	6100000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Screening Level is the lowest concentration of TotSoilComb, GWSoilClass3, AirSoilInh-V, and AirGW-SoilInh-V for 30-acre source area.

TABLE 4
CHEMICAL RECYCLING INC.
SOIL VOLATILE ORGANIC COMPOUND ANALYSIS

Analtye µg/kg	Screening Level		SB70-18	SB71-18	SB72-18	SB73-18	S74-18	SB74-24	SB75-18	SB76-18	SB77-18	SB77-24	SB78-18
1,1,1-Trichloroethane	8100	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	2600	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	2800000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	2500	Tier I	ND	ND	ND	2.7 J	2.4 J	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	690	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	15000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	440000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1300	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	71000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	20000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	3100	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	55000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	2900000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	590000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	45000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	740	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	130000	Tier I	ND	ND	ND	3.4 J	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	380000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	25000	Tier I	ND	ND	1 4 J	ND	ND	ND	ND	ND	6.6	2.8 J	ND
Toluene	410000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	25000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	4000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	1700	Tier I	4.4 J	6.8	19	22	49	79	3.4 J	ND	67	ND	ND
Vinyl chloride	1100	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes,Total	35000000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Screening Level is the lowest concentration of TotSoilComb, GWSoilClass3, AirSoilInh-V, and AirGW-SoilInh-V for 30-acre source area.

TABLE 4
CHEMICAL RECYCLING INC.
SOIL VOLATILE ORGANIC COMPOUND ANALYSIS

Analtye µg/kg	Screening Level		SB79-18	SB80-18	SB81-18	SB82-18	SB83-18	SB84-18	SB85-18	SB86-18
1,1,1-Trichloroethane	8100	Tier I	ND	ND	ND	ND	ND	ND	2.3 J	ND
1,1,2,2-Tetrachloroethane	2600	Tier I	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	2800000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	2500	Tier I	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	690	Tier I	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	15000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	440000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1300	Tier I	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	71000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	20000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	3100	Tier I	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	55000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	2900000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	590000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	45000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	740	Tier I	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	130000	Tier I	3.6 J	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	380000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	25000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	410000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	25000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	4000	Tier I	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	1700	Tier I	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	1100	Tier I	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	35000000	Tier I	ND	ND	ND	ND	ND	ND	6.1	ND

Screening Level = TCEQ Tier I PCL soil to Class III Exposure Route
Bold indicates concentrations at or above PCL
ND = not detected at or above method detection limit
J = analyte detected at concentration below method detection limit

Screening Level is the lowest concentration of TotSoilComb, GWSoilClass3, AirSoilInh-V, and AirGW-SoilInh-V for 30-acre source area.

TABLE 5
CHEMICAL RECYCLING INC.
SURFACE WATER SAMPLING
METALS ANALYSIS

Analyte	Sample CR-SW-D1 Conc. (mg/L)	Sample CR-SW-U1 Conc. (mg/L)	Primary Drinking Water Standard (mg/L)
Antimony	ND	ND	NA
Arsenic	ND	0.006	0.05
Barium	0.05	0.05	1.0
Beryllium	ND	ND	NA
Cadmium	ND	ND	0.01
Chromium	ND	ND	0.05
Copper	ND	ND	NA
Lead	0.006	0.06	0.05
Mercury	ND	ND	0.002
Nickel	ND	ND	NA
Selenium	ND	ND	0.01
Silver	ND	ND	NA
Thallium	ND	ND	NA
Zinc	ND	ND	NA

= Exceeds Primary Drinking Water Standard
NOTE: Drinking Water Standard from 55 FR 30445

SAMPLE LOCATIONS

CR-SW-U1 From unnamed tributary to Muddy Creek upstream of railroad (upstream)

CR-SW-D1 From unnamed tributary to Muddy Creek downstream of Hwy. 544 (downstream)

TABLE 6
CHEMICAL RECYCLING INC.
SURFACE WATER SAMPLING (INITIAL)
VOLATILE ORGANIC COMPOUND ANALYSIS

Analyte	Sample CR-SW-D1 Conc. (ug/L)	Sample CR-SW-U1 Conc. (Ug/L)
Chloromethane	ND	ND
Bromomethane	ND	ND
Vinyl chloride	ND	ND
Chloroethane	ND	ND
Methylene chloride	ND	ND
Acetone	51 *	12 *
Carbon disulfide	ND	ND
1,1-Dichloroethene	ND	ND
1,1-Dichloroethane	ND	ND
1,2-Dichloroethane	ND	ND
Chloroform	ND	ND
1,2-Dichloroethane	ND	ND
2-Butanone	ND	ND
1,1,1-Trichloroethane	ND	ND
Carbon tetrachloride	ND	ND
Bromodichloromethane	ND	ND
1,2-Dichloropropane	ND	ND
cis-1,3-Dichloropropene	ND	ND
Trichloroethene	ND	ND
Dibromochloromethane	ND	ND
1,1,2-Trichloroethane	ND	ND
Benzene	ND	ND
trans-1,3-Dichloropropene	ND	ND
Bromoform	ND	ND
4-Methyl-2-Pentanone	ND	ND
2-Hexanone	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND
Tetrachloroethene	ND	ND
Toluene	ND	ND
Chlorobenzene	ND	ND
Ethyl benzene	ND	ND
Styrene	ND	ND
Xylenes (total)	ND	ND

* = Laboratory Artifact

SAMPLE LOCATIONS

CR-SE-D1	From unnamed tributary to Muddy Creek downstream of Hwy. 544
CR-SW-U1	From unnamed tributary to Muddy Creek upstream of railroad

TABLE 7
CHEMICAL RECYCLING INC.
SURFACE WATER SAMPLING (INITIAL)
VOLATILE ORGANIC COMPOUND ANALYSIS

Analyte	Sample CR-SW-D1A Conc. (ug/L)	Sample CR-SW-U1A Conc. (Ug/L)
Chloromethane	ND	ND
Bromomethane	ND	ND
Vinyl chloride	ND	ND
Chloroethane	ND	ND
Methylene chloride	ND	ND
Acetone	23 *	14 *
Carbon disulfide	ND	ND
1,1-Dichloroethene	ND	ND
1,1-Dichloroethane	ND	ND
1,2-Dichloroethane	ND	ND
Chloroform	ND	ND
1,2-Dichloroethane	ND	ND
2-Butanone	ND	ND
1,1,1-Trichloroethane	ND	ND
Carbon tetrachloride	ND	ND
Bromodichloromethane	ND	ND
1,2-Dichloropropane	ND	ND
cis-1,3-Dichloropropene	ND	ND
Trichloroethene	ND	ND
Dibromochloromethane	ND	ND
1,1,2-Trichloroethane	ND	ND
Benzene	ND	ND
trans-1,3-Dichloropropene	ND	ND
Bromoform	ND	ND
4-Methyl-2-Pentanone	ND	ND
2-Hexanone	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND
Tetrachloroethene	ND	ND
Toluene	ND	ND
Chlorobenzene	ND	ND
Ethyl benzene	ND	ND
Styrene	ND	ND
Xylenes (total)	ND	ND

* = Laboratory Artifact

SAMPLE LOCATIONS

CR-SE-D1	From unnamed tributary to Muddy Creek downstream of Hwy. 544
CR-SW-U1	From unnamed tributary to Muddy Creek upstream of railroad

TABLE 8
CHEMICAL RECYCLING INC.
WELL DEVELOPMENT/PURGING DATA

Temp ©	pH	Specific Conductance ms/cm	Turbidity ntu	Dissolved Oxygen mg/l	Redox Potential mV	Depth to Water ft-btoc	TDS	Comments
MW01 Well Development (11/13/2006) static water level 11.89								
20 41	6 56	6.62	>500	1.68	254	-	4.15	Pump dry at 350 ml/minutes
20.49	6.67	6.31	>500	8.49	224	17.01	3.88	
20.77	6.88	4.73	>500	8.99	191	18 1	2 81	
20 9	6 97	4.75	>500	9.36	181	20.9	2.77	
21.13	6 98	4.49	>500	9.01	171	24.17	2.78	
20.62	6.69	6.08	>500	7 54	156	27 05	3 9	
20 71	6.63	6.6	>500	7.27	151	Dry	2.87	
Well Purging (11/17/2006) static water level 12.22								
20.49	6.75	7.09	800	10.36	198			Purge rate 80 ml/min
20.63	6.62	7.08	747	2 74	193			Water level at 15.75 when sample
20.69	6.59	7.08	743	2 75	192			
21	6.63	7.08	717	2 76	197			TD = 33.12
MW02 Well Development (11/13/2006) static water level 17 72								
21.13	6.26	9.79	>500	10.68	25	20 9	6.14	Pump dry at 350 ml/minutes
21	6.55	9.75	>500	6 47	46	-	6.15	
20.89	6.52	9.74	>500	3 08	53	22.14	6.12	
21.16	6.52	9.64	351	1.78	58	23.31	6 07	
Purging (11/17/2006) static water level 17.87								
20.7	6 86	10.5	884	8.07	85		6.5	Purge rate 80 ml/min
20.83	6.61	10 4	704	4.03	92		6.4	Water level at 19.83 when sample
20.88	6 59	10.4	633	3 16	72		6.4	
20.89	6.57	10.4	619	3.31	85		6.4	
20.91	6.59	10.4	635	3.29	86		6.4	TD = 33.45
MW03 Well Development (11/16/2006) static water level 10.55								
21.31	7.62	4.46	110	3 47	42	13 12	2 44	Pump dry at 350 ml/minutes
21.68	7.34	3.35	129	0.99	16	18.35	2.01	
22.04	7.67	3.04	93.3	0.46	8	20 54	1.89	
22.18	7.68	2.95	62.5	0	9	Dry	1.89	
Well Purging (11/17/2006) static water level 10.58								
20 41	7.06	4.57	63	7.42	80		2.95	Purge rate 80 ml/min
21.44	6.91	4.45	72.7	2 59	72		2.98	Water level at 11.96 when sample
20.87	6.89	4.67	73.5	1.12	55		2.98	
21.53	6.88	4.66	74.2	0.97	48		2.98	
21.49	6.89	4.66	72.3	0.85	49		2.98	TD = 32.28
MW04 Well Development (11/16/2006) static water level 10 1								Well purge dry after 3 bailers, collect samples by bailer, sample turbid
Purged dry after 3 bailers		>500						
Well Purge (11/18/2006) static water level 11.7								
Sample well Dry			>500					TD = 13.0
MW05 Well Development (11/13/2006) static water level 8.51								
23.45	6.66	9.79	>500	2.72	-3	15.17	6.17	Pump dry at 350 ml/minutes
22.51	6.81	9.76	>500	8.12	13	17.8	6.14	
Well Purging (11/18/2006) static water level 8.71								
9.46	6.84	9.42	>500	5.47	36		5.96	Purge rate 80 ml/min
1.04	6.62	9.59	>500	2.22	26		5.99	Water level at 11 97 when sample
20.99	6.56	9 53	>500	1.02	17		6	

TABLE 8
CHEMICAL RECYCLING INC.
WELL DEVELOPMENT/PURGING DATA

Temp ©	pH	Specific Conductance ms/cm	Turbidity ntu	Dissolved Oxygen mg/l	Redox Potential mV	Depth to Water ft-btoc	TDS	Comments
21.02	6.52	9.57	>500	5.6	16		5.99	
21.04	6.54	9.56	>500	5 9	19		5.99	TD = 33.2
MW06 Well Development (11/13/2006) static water level 10.22								
20.79	6 67	8.58	>500	3 3	32	10.72	5.43	Pump dry at 350 ml/minutes
20.85	6.65	7.96	>500	1 48	22	15.57	5.19	
20.85	6.55	8.41	>500	1 48	20	18.34	5.3	
21.07	6 61	8.23	>500		6	27.55	5.17	
21.12	6.64	7.98	>500		21	30.5	4 93	
21.14	6.58	8.09	>500		27	31.57	5.1	
20.81	6.59	8.3	>500		30	34.9	5.22	
20.94	6.58	8.31	>500		31	Dry	5 2	
Well Purging (11/17/2006) static water level 10.62								
20.58	6.81	9.3	>500	5.31	97		5 8	Purge rate 80 ml/min
20.54	6.56	9.1	>500	1 73	81		5.8	Water level at 13.45 when
20.49	6.53	9.2	>500	1 47	79		5.8	sample
20.48	6.54	9.2	>500	1.49	78		5.8	TD = 32.71
MW07 Well Development (11/16/2006) static water level 9 54								
21.41	6.6	10.4	>500	9 53	160	13.77	6 5	Pump dry at 350 ml/minutes
21.49	6.68	10.6	>500	4 8	145		6.6	
21 14	6.63	10.7	>500	1.27	108	19 87	6.6	
21 35	6.68	10.7	>500	1.9	65		6.6	
21.39	6.63	10.7	300	0.72	40	22.58	6 6	
21.25	6.6	10.8	143	0 03	40	Dry	6.7	
Well Purging (11/17/2006) static water level 10.31								
20.58	6.75	10 2	320	4.8	55		5 8	Purge rate 80 ml/min
20 54	6 72	10.3	315	4.72	52		5.8	Water level at 14 4 when
20 49	6 9	10.5	300	4.75	57		5.8	sample
20.48	6.75	10.6	305	4.35	52		5.8	TD = 33.40
MW08 Well Development (11/16/2006) static water level 14.18								
21.43	6.69	10.7	>500	4.31	94	17.27	6.6	Pump dry at 350 ml/minutes
21.95	6.64	10.4	>500	0.82	79	23.75	6.4	
21.94								
21.83	6.64	10.4	267	0.53	78	29.9	6.5	
21.71	6 63	10.5	190	0.67	77	Dry	6.5	
Well Purging (11/17/2006) static water level 15.38								
18.71	6.84	10.6	361	4.56	130		6.7	Purge rate 80 ml/min
19.36	6 76	10.8	323	3	126		6.7	Water level at 18 47 when
19.5	6.69	10.8	289	2.13	121		6.7	sample
19.28	6.67	10.9	263	2.01	119		6.7	TD = 32.75
MW09 Well Development (11/17/2006) static water level 9.81								
21.05	6 66	9.27	33.9	9.11	19	11.75	5.85	Pump dry at 350 ml/minutes
20.94	6.62	9.29	32.7	6.01	14		5.85	
20.92	6.64	9.3	41	5.03	11	15.71	5.86	Pump would not fit in casing
20.84	6.49	8.95	44.9	1.94	11	17.42	5 62	Used peristaltic to develop
20.97	6.43	8.87	49.3	1 61	8		5.58	and sample
21.01	6.44	8.86	50.5	1.72	6	21.72	5.58	
20.99	6.47	8.87	50.1	1.73	7	Dry	5.58	
Well Purging (11/18/2006) static water level 10 72								

TABLE 8
CHEMICAL RECYCLING INC.
WELL DEVELOPMENT/PURGING DATA

Temp ©	pH	Specific Conductance ms/cm	Turbidity ntu	Dissolved Oxygen mg/l	Redox Potential mV	Depth to Water ft-btoc	TDS	Comments
17.75	6.64	9.19	24.1	4.33	35		5.8	Purge rate 80 ml/min
17.63	6.61	9.32	23.9	3 12	31			Water level at 13.8 when
17.75	6 65	9.17	23.6	3 07	29		5.8	sample
17.69	6.64	9.19	23 1	3.05	30		5.8	TD = 32.55
MW10 Well Development (11/16/2006) static water level 10 10								
21 05	7.18	7.84	>500	9.06	64	12.55	4.88	Pump dry at 350 ml/minutes
21.39	6.57	7.72	186	2 02	56	15.22	4 86	
21.57	6.63	7.77	47.4	2.01	30	18.24	4.89	
21.52	6.46	7.81	41.6	2	13	25.75	4.93	
21.39	6 44	7.92	42.7	0.48	8	34 21	5.02	
21.26	6.43	8	41.2	0.24	9	Dry	5.01	
Well Purging (11/17/2006) static water level 10.85								
19 64	6.68	8 21	76.8	4.32	55		5 15	Purge rate 80 ml/min
21.03	6.53	8.23	65	1.14	47		5.23	Water level at 11.76 when
21.24	6.48	8.13	51.7	0.47	32		5 13	sample
21 32	6.47	8.11	50 9	0.27	29		5 12	TD = 42.65
MW11 Well Development (11/16/2006) static water level 10 58								
20.2	6.78	11.1	>500	8 89	47	13.66	6.8	Pump dry at 350 ml/minutes
20.51	6.57	11	>500	2 08	53		6.8	
20.93	6 54	11	>500	0 81	48	18.7	6.8	
21.45	6.56	10.9	331	0 55	30	30.36	6.6	
21.39	6.57	10.7	250	0.55	45	Dry	6.7	
Well Purging (11/17/2006) static water level 11.03								
16 75	6.87	10.9	62.5	7 36	83		6.8	Purge rate 80 ml/min
17 28	6.71	10.9	88.1	2 3	56		6.8	Water level at 12.73 when
18.48	6.61	10.7	95	0 72	51		6.6	sample
18.43	6 59	10.7	94	0.67	50		6.6	TD = 32.82
MW12 Well Development (11/16/2006) static water level 8.90								
22.04	6.89	13 6	>500	3 38	151	11.1	8 4	Pump dry at 350 ml/minutes
22 45	6.71	13.5	>500	1 82	127	15.03	8 4	
22.46	6.69	13.5	371	3 05	119	15.6	8.3	
22 46	6.8	13.5	381	3	113	Dry	8.4	
Well Purging (11/17/2006) static water level 9.98								
21.65	6.61	13.7	137	5 87	176		8.4	Purge rate 80 ml/min
22.02	6.55	13.5	148	2.59	160		8.4	Water level at 12 43 when
21.98	6.57	13.5	132	2.47	151		8.4	sample
21.99	6.57	13.5	134	2.45	149		8.4	TD = 32.62
MW13 Well Development (11/16/2006) static water level 10.69								
21.1	7.23	4.97	140	6.78	140	11.83	3.18	Pump dry at 350 ml/minutes
21 37	7.12	4.66	69.1	2.15	137		2.91	
21.75	7.11	4	60.2	1.36	137	13.36	2.29	
22.12	7.13	3.27	46.4	2 47	136	17 17	2.04	
21 85	7.23	4.12	43.2	3.27	124	Dry	3.05	
Well Purging (11/17/2006) static water level 14.02								
20.87	7.19	5.46	79	8.03	122		3.43	Purge rate 80 ml/min
21.09	7.06	5.39	74.1	4.06	123		3.41	Water level at 16.38 when
21.1	7.11	5.13	65.2	3.78	125		3 4	sample
21.11	7.09	5.15	61.8	3.69	124		3 39	TD = 32.80

TABLE 8
CHEMICAL RECYCLING INC.
WELL DEVELOPMENT/PURGING DATA

Temp ©	pH	Specific Conductance ms/cm	Turbidity ntu	Dissolved Oxygen mg/l	Redox Potential mV	Depth to Water ft-btoc	TDS	Comments
MW14 Well Development (11/16/2006) static water level 7.79								
22.9	7 08	7.29	41.1	6.33	-29	10.33	4.56	Pump dry at 350 ml/minutes
23 45	7.01	7.22	40.7	2 1	-37	12.85	4.53	
23.4	7.05	7.13	36.7	2 15	-23	15.85	4.49	
23.46	7.04	7.13	38	4.29	-27	Dry	4.47	
Well Purging (11/17/2006) static water level 8.07								
22.31	6 68	8.61	33.4	8.01	-3		5.42	Purge rate 80 ml/min
22.32	6.64	8.62	33.1	1 66	-12		5.43	
22.63	6 61	8.61	32.8	0 62	-16		5.43	Water level at 9.91 when
22.64	6 62	8.62	31.1	0 58	-23		5.42	sample
22.84	6 61	8.61	32.7	0.57	-21		5 42	TD = 29.55

TD = Total depth of 2-inch stainless steel well, from top of casing to bottom of screen.

TABLE 9
CHEMICAL RECYCLING INC.
GROUNDWATER VOLATILE ORGANIC COMPOUND ANALYSIS

Analyte µg/L	Screening Level		MW01	MW02	MW03	MW04	MW05	MW06	MW07	MW08	MW09	MW10	MW11	MW12	MW13	MW14
1,1,1-Trichloroethane	20000.00	PCL	ND	ND	ND	ND	ND	ND	ND	4 5J	46 0	17.0	ND	ND	ND	82 0
1,1,2,2-Tetrachloroethane	1000 00	PCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	500 00	PCL	ND	ND	ND	ND	ND	ND	ND	ND	18 0	51 0	ND	ND	ND	10 0
1,1-Dichloroethane	1500000 00	PCL	ND	ND	3 8J	ND	ND	ND	3 8J	5 9	67 0	170.0	ND	ND	1 6J	21 0
1,1-Dichloroethene	700 00	MCL	ND	ND	45 0	ND	ND	ND	50.0	230.0	**1100.0**	**8400.0**	32 0	ND	5 5	**5600.0**
1,2-Dichloroethane	500 00	MCL	ND	ND	ND	ND	ND	ND	ND	ND	2.2J	11.0	ND	ND	ND	ND
1,2-Dichloropropane	500 00	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	4400000 00	PCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	500.00	MCL	ND	ND	ND	ND	ND	ND	ND	ND	1 1J	ND	ND	ND	ND	ND
Bromoform	26000 00	PCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	10000.00	PCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	500 00	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	10000.00	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4 7J
Chloroethane	2900000 00	PCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	730000 00	PCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3J
Chloromethane	16000 00	PCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	380 00	PCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichloromethane	500 00	PCL	ND	ND	ND	ND	ND	ND	ND	ND	1 3J	ND	ND	ND	ND	ND
Ethylbenzene	70000 00	MCL	ND	ND	ND	ND	ND	ND	ND	ND	140.0	19.0	1 J	ND	ND	10 0
Tetrachloroethene	500.00	MCL	ND	ND	**1200.0**	ND	ND	ND	ND	ND	**970.0**	180 0	21 0	ND	1 9 J	16.0
Toluene	100000 00	MCL	ND	ND	ND	ND	ND	ND	ND	ND	65 0	85 0	ND	ND	ND	62 0
trans-1,2-Dichloroethene	7000 00	MCL	ND	ND	1 6J	ND	ND	ND	12.0	ND	92 0	180.0	ND	ND	ND	11.0
trans-1,3-Dichloropropene	2000.00	PCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	500.00	MCL	ND	1 0 J	290 0	ND	3.4J	2 1J	240 0	6 2	**20000.0**	**27000.0**	**2800.0**	1 8 J	40.0	**29000.0**
Vinyl chloride	200.00	MCL	ND	ND	12.0	ND	ND	ND	ND	ND	**1600.0**	**340.0**	ND	ND	ND	**280.0**
Xylenes,Total	1000000 00	MCL	ND	ND	ND	ND	ND	ND	ND	ND	51.0	27.0	ND	ND	ND	17 0
Total VOCs			0.0	1 0	1547.0	0 0	3.4	2 1	302 0	242 1	24149 0	36480.0	2853 0	1 8	45 5	35109.0

Screening Level = TCEQ Tier I PCL or EPA MCL
PCL = TCEQ protective concentration limit residential Class III Groundwtaer

TABLE 10
CHEMICAL RECYCLING INC.
1994 AND 2006 TOTAL VOLATILE ORGANIC COMPOUND ANALYSIS
Results in µg/L

Analtye	MW01	MW02	MW03	MW04	MW05	MW06	MW07	MW08	MW09	MW10	MW11	MW12	MW13	MW14
TVOCs 1994 Data	0.0	0.0	603.0	54.0	0.0	0.0	52.0	27,800.0	264,400 0	63,700.0	6,070.0	0.0	9.0	26,700 0
TVOCs 2006 Data	0.0	1 0	1,552.4	0.0	3 4	2 1	305 8	246.6	24,153.6	36,480.0	2,854.0	1 8	49 0	35,115.0

1994 TVOC from all wells	389,388.0
2007 TVOC from all wells	100,764.7

TABLE 11
CHEMICAL RECYCLING INC.
LABORATORY QUALITY ASSURANCE

Type	Duplicate	Rinsate Blank	Trip Blank	Method Blank	Matrix Spike	Matrix Spike Duplicate
Groundwater Samples	2	2	2	2	3	3
Soil Samples	16	4	0	27	15	15
TOTAL	18	6	2	29	18	18

TABLE 12
CHEMICAL RECYCLING INC.
TRIP BLANK AND RINSATE BLANK ANALYSIS

Volatile Organic Compounds Analtye µg/L	TB1	TB2	RW-1	RW-2	RS-1	RS-2	RS-3	RS-4
1,1,1-Trichloroethane	<5	<5	<5	<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane	<5	<5	<5	<5	<5	<5	<5	<5
1,1,2-Trichloroethane	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethene	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloropropane	<5	<5	<5	<5	<5	<5	<5	<5
2-Butanone	<10	<10	<10	<10	<10	<10	<10	<10
Benzene	<5	<5	<5	<5	<5	<5	<5	<5
Bromoform	<5	<5	<5	<5	<5	<5	<5	<5
Bromomethane	<5	<5	<5	<5	<5	<5	<5	<5
Carbon tetrachloride	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	<5	<5	<5	<5	<5	<5	<5	<5
Chloroethane	<5	<5	<5	<5	<5	<5	<5	<5
Chloroform	<5	<5	<5	<5	<5	<5	<5	<5
Chloromethane	<5	<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	<5	<5	<5	<5	<5	<5	<5	<5
Dichloromethane	<10	<10	<10	<10	<10	<10	<10	<10
Ethylbenzene	<5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,2-Dichloroethene	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	<5	<5	1 1 J	<5	<5	<5	<5	<5
Vinyl chloride	<2	<2	<2	<2	<2	<2	<2	<2
Xylenes,Total	<15	<15	<15	<15	<15	<15	<15	<15

Metals Analtye µg/L	RS-1	RS-2	RS-3	RS-4
Mercury	<5	<5	<5	<5
Antimony	<5	<5	<5	<5
Arsenic	<5	<5	<5	<5
Barium	<5	<5	<5	<5
Beryllium	<5	<5	<5	<5
Cadmium	<2	<2	<2	<2
Chromium	0 000686J	0 00398J	0.00351J	<5
Copper	<5	<5	<5	<5
Lead	0.000477J	<5	<5	<5
Nickel	0.00123J	<5	<5	<5
Selenium	<5	<5	<5	<5
Silver	<5	<5	<5	<5
Thallium	<2	<2	<2	<2
Zinc	0.00361J	<5	0.00202J	0.00171J

J = indicates analyte detected below method detection limit.
TB = Trip Blank
RS = Rinsate Blank from soil sampling equipment
RW = Rinsate Blank from groundwater sampling equipment

TABLE 13
CHEMICAL RECYCLING INC.
METHOD BLANK ANALYSIS

Analtye µg/L	GW-MB 0611360	GW-MB 0611361	S-MB 0611271	S-MB 0611296	S-MB 0611296	S-MB 0611296	S-MB 0611269	S-MB 0611269	S-MB 0611269	S-MB 0611317	S-MB 0611317	S-MB 0611317	S-MB 0611291	S-MB 0611426
1,1,1-Trichloroethane	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,2-Trichloroethane	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloropropane	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Butanone	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromoform	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromomethane	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Carbon tetrachloride	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chloroethane	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chloroform	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chloromethane	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Dichloromethane	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Ethylbenzene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,2-Dichloroethene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl chloride	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Xylenes,Total	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15

TABLE 13
CHEMICAL RECYCLING INC.
METHOD BLANK ANALYSIS

Analtye mg/kg	S-MB 0612219	S-MB 0611287	S-MB 0611272	S-MB 0611271	S-MB 0611296	S-MB 0611296	S-MB 0611296	S-MB 0611269	S-MB 0611317	S-MB 0611317	S-MB 0611317	S-MB 0611315	S-MB 0611291	S-MB 0611246
Mercury	<.5	<.5	<.5	< 5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5
Antimony	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5
Arsenic	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	0.1541J	0.1567J	0.1611J	<.5	<.5
Barium	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	< 5	<.5	<.5	<.5	<.5	<.5
Beryllium	<.5	< 5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	0.07298J	0.07355J	< 5	< 5
Cadmium	<.5	<.5	<.5	<.5	< 5	<.5	<.5	<.5	<.5	0.03398J	<.5	0 0532J	<.5	<.5
Chromium	<.5	< 5	<.5	<.5	<.5	<.5	<.5	< 5	<.5	0.07703J	<.5	<5	<.5	< 5
Copper	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	< 5	0.05799J	<5	<.5	<.5
Lead	<.5	<.5	<.5	<.5	<.5	<.5	<.5	0.123J	<.5	0.116J	<5	<5	<.5	<.5
Nickel	<.5	<.5	<.5	<.5	<.5	< 5	<.5	< 5	<.5	<.5	<5	<5	<.5	<.5
Selenium	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	< 5	<5	<5	< 5	< 5
Silver	< 5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	0 03124J	0.02596J	<.5	<.5
Thallium	<.5	<.5	<.5	< 5	<.5	<.5	<.5	<.5	<.5	0.0675J	<.5	0.08929J	<.5	<.5
Zinc	.2225J	<5	0 1584J	0.1584J	<.5	<.5	<.5	0.235J	<.5	0.175J	0.3441J	0 2821J	<.5	0.002481 J

Analtye mg/kg	S-MB 070107
Lead	<.5

J = indicates analyte detected below method detection limit.

TABLE 14
CHEMICAL RECYCLING INC.
DUPLICATE ANALYSIS
GROUNDWATER SAMPLES

Analtye µg/L	MW12	DW-1	RPD %	MW09	DW-2	RPD %
1,1,1-Trichloroethane	<5	<5		46 0	35 0	40 50
1,1,2,2-Tetrachloroethane	<5	<5		<5	<5	
1,1,2-Trichloroethane	<5	<5		18.0	13.0	15.50
1,1-Dichloroethane	<5	<5		67 0	44 0	55.50
1,1-Dichloroethene	<5	<5		1100 0	820 0	29 17
1,2-Dichloroethane	<5	<5		2 2J	1.7J	25.64
1,2-Dichloropropane	<5	<5		<5	<5	
2-Butanone	<10	<10		<10	<10	
Benzene	<5	<5		1 1J	0 73J	44 44
Bromoform	<5	<5		<5	<5	
Bromomethane	<5	<5		<5	<5	
Carbon tetrachlonde	<5	<5		<5	<5	
Chlorobenzene	<5	<5		<5	<5	
Chloroethane	<5	<5		<5	<5	
Chloroform	<5	<5		<5	<5	
Chloromethane	<5	<5		<5	<5	
cis-1,3-Dichloropropene	<5	<5		<5	<5	
Dibromomethane	<10	<10		1 3J	<10	NA
Ethylbenzene	<5	<5		140.0	100 0	33 33
Tetrachloroethene	<5	<5		970 0	940.0	2 19
Toluene	<5	<5		65 0	48 0	30 09
trans-1,2-Dichloroethene	<5	<5		92 0	100 0	8 33
trans-1,3-Dichloropropene	<5	<5		<5	<5	
Trichloroethene	1 8J	2J	10 53	20000 0	19000.0	5 13
Vinyl chlonde	<2	<2		1600 0	1500 0	6 45
Xylenes,Total	<15	<15		51 0	35 0	37 21

J = analyte detected at concentration below method detection limit

TABLE 14
CHEMICAL RECYCLING INC.
DUPLICATE ANALYSIS
SOIL SAMPLES

Volatile Organic compounds

Analtye µg/kg	SB04-18	DS-2	RPD %	SB09-18	DS-4	RPD %	SB71-18	DS-12	RPD %	SB78-18	DS-15	RPD %	SB85-18	DS-18	RPD %	SB86-18	DS-22	RPD %
1,1,1-Trichloroethane	ND	ND		ND	ND		ND	ND		ND	ND		2 3	ND		ND	ND	
1,1,2,2-Tetrachloroethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
1,1,2-Trichloroethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
1,1-Dichloroethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
1,1-Dichloroethene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
1,2-Dichloroethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
1,2-Dichloropropane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
2-Butanone	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Benzene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Bromoform	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Bromomethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Carbon tetrachloride	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Chlorobenzene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Chloroethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Chloroform	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Chloromethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
cis-1,3-Dichloropropene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Dibromomethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Ethylbenzene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Tetrachloroethene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Toluene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
trans-1,2-Dichloroethene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
trans-1,3-Dichloropropene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Trichloroethene	ND	ND		ND	ND		6 8	9.4	32 10	ND	ND		ND	ND		ND	ND	
Vinyl chlonde	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Xylenes,Total	ND	ND		ND	ND		ND	ND		ND	ND		6.1J	2 6J	80 46	ND	ND	

TABLE 11
CHEMICAL RECYCLING INC.
DUPLICATE ANALYSIS
SOIL SAMPLES

Metals

Analtye	SB04-06	DS-1	RPD %	SB09-12	DS-3	RPD %	SB25-06	DS-5	RPD %	SB38-06	DS-7	RPD %	SB58-06	DS-9	RPD %
Mercury ug/kg	139	69.7	66.41	6 19J	28 8	129 24	78 2	35 2	75.84	905	323	94 79	306	23 3	171 70
Antimony mg/kg	2.02	0 475J	123 85	<0 17	<0 15	NA	0 391J	0.348J	11.64	3 15	2.45	25 00	4 62	0.298J	175 76
Arsenic mg/kg	4.67	3 77	21 33	2.51	2.92	15 10	2 61	3 17	19.38	2 92	2 59	11 98	3 79	4 2	10 26
Barium mg/kg	521	274	62.14	351	182	63.41	137	240	54.64	589	623	5 61	693	261	90 57
Beryllium mg/kg	0.431J	0.525J	19 67	0.7	0.785	11.45	0.652	0.69	5 66	0 696	0 695	0 14	0 712	0 952	28.85
Cadmium mg/kg	0 684	0.488J	33 45	0 121J	0 157J	25 90	0 129J	0.256J	65.97	3.34	4 49	29 37	2 4	0 459J	135.78
Chromium mg/kg	345	132	89.31	15 1	14 9	1 33	60 7	106	54.35	369	371	0 54	403	32 2	170 40
Copper mg/kg	160	356	75 97	7 89	9.38	17 26	12.3	17 5	34 90	74 2	64	14 76	66.9	19 2	110 80
Lead mg/kg	1430	473	100.58	16.4	31 5	63 05	243	475	64.62	1890	1800	4 88	1490	85.8	178.22
Nickel mg/kg	12.3	11.6	5 86	18.4	10 8	52 05	8 48	14 5	52 39	25 1	21 2	16 85	33 1	14 5	78.15
Selenium mg/kg	0 673	0.783	15 11	0 696	0.898	25 35	1 21	1 28	5 62	0 99	0.915	7 87	0 87	1	13 90
Silver mg/kg	0.0239J	<0 21	NA	0.0237J	0.0318J	29 19	0 037J	0 0316J	15 74	0 255J	0 117J	74 19	0 0774J	0 0663J	15 45
Thallium mg/kg	0 078J	0 085J	8.59	0 118J	0 0761J	43 17	0.095J	0 113J	17 31	0 226J	0 182J	21.57	0 173J	0 197J	12.97
Zinc mg/kg	595	387	42 36	59.4	114	62 98	66.5	56 3	16.61	635	692	8 59	988	145	148 81

Analtye	SB71-12	DS-11	RPD %	SB78-12	DS-14	RPD %	SB85-06	DS-17	RPD %	SB86-06	DS-21	RPD %	SB38-12	DS-8	RPD %
Mercury ug/kg	14.7	27.3	60 00	18.8	17.4	7 73	970	1300	29.07	13 5J	26 1	63 64	14 6 (H)	13.2(H)	10 07
Antimony mg/kg	< 15	1 3	NA	0 959	1 17	19 82	6 56	17 3	90.03	0 441J	0 6	30 55			
Arsenic mg/kg	2 7	3 24	18 18	4 45	3 96	11 65	3	3 61	18.46	3 53	3.03	15 24			
Barium mg/kg	251	170	38 48	235	308	26 89	1020	1680	48 89	348	350	0 57			
Beryllium mg/kg	0 904	0 74	19.95	0 796	0 742	7 02	0 324J	0 18J	57.14	0 788	0 755	4.28			
Cadmium mg/kg	0.312J	0 298J	4 59	0 354J	0.535J	40 72	2 19	3 11	34.72	0 305J	0 218J	33 27			
Chromium mg/kg	15 2	158	164 90	65 8	71 5	8 30	1040	2470	81.48	71.7	91 4	24 16			
Copper mg/kg	12	27 3	77.86	23 7	22 5	5.19	95 1	172	57.58	36 1	27 9	25 63			
Lead mg/kg	67.3	397	142 02	274	246	10 77	3500	9080	88 71	369	385	4 24	18 7	21 2	12 53
Nickel mg/kg	16.8	13 2	24.00	16 1	18 3	12 79	15 9	20 4	24.79	13 8	12	13 95			
Selenium mg/kg	0.775	0 917	16.78	1 41	1 24	12.83	0.556	0.545J	2.00	0 688	0.715	3.85			
Silver mg/kg	0 0717J	< 022	NA	<.024	<.022	NA	0.0868J	0 261J	100.17	< 022	< 022	NA			
Thallium mg/kg	0.193J	0.115J	50 65	0 15J	0 105J	35 29	0.0905J	0.157J	53 74	0 196J	0.127J	42 72			
Zinc mg/kg	182	302	49 59	323	328	1 54	2770	7600	93.15	320	230	32.73			

H = analyzed outside holding time

J = analyte detected at concentration below method detection limit

TABLE 15
CHEMICAL RECYCLING INC.
MATRIX SPIKE AND MATRIX SPIKE DUPLICATE ANALYSIS

Soil Volatile Oragnic Compounds

Analtye	Batch 0611269 % Recovery MS	MDS	RPD	% Rec Limits	RPD Limits	Comments	Batch 0611287 % Recovery MS	MDS	RPD	% Rec Limits	RPD Limits	Comments
1,1,1-Trichloroethane	91.0	91.6	0.66	75.6 - 123	30.0		77.2	80.7	4.43	79.6-120	30.0	S
1,1,2,2-Tetrachloroethane	84.6	85.5	1.06	75.1-120	30.0		95 2	98 5	3.41	78.9-121	30.0	
1,1,2-Trichloroethane	87.1	84.3	3 27	72.8-120	30.0		98.7	101 0	2 30	80-120	30.0	
1,1-Dichloroethane	92.5	89 8	2.96	75.3-121	30 0		91 4	97.7	6.66	74.2-122	30.0	
1,1-Dichloroethene	82.8	82.4	0.48	78-120	30.0		70.8	80 3	12.57	75.8-122	30.0	S
1,2-Dichloroethane	86 1	80 6	6.60	70.6-128	30.0		98.3	105 0	6.59	78 8-120	30.0	
1,2-Dichloropropane	86.2	84.0	2.59	79 4-120	30 0		96 4	103.0	6.62	80-120	30.0	
2-Butanone	81.5	83.6	2.54	54.8-130	30.0		93.7	101.0	7.50	69.2-131	30 0	
Benzene	91.4	85.6	6 55	80-121	30.0		93 0	98.3	5.54	80-120	30 0	
Bromoform	85.3	81.1	5.05	76.9-120	30.0		98 3	101 0	2.71	78.1-120	30.0	
Bromomethane	88.4	86 8	1 83	58 9-132	30.0		86.2	101 0	15 81	52.8-147	30.0	
Carbon tetrachloride	93.9	87 6	6.94	71 8-130	30.0		69.5	71 7	3.12	76.8-120	30.0	S
Chlorobenzene	88.8	83.5	6.15	80-120	30.0		90.0	96.1	6.56	80-120	30.0	
Chloroethane	92.0	90.3	1.87	62.5-135	30.0		77 9	88.2	12.40	74.2-120	30 0	
Chloroform	89.0	88.7	0.34	74.5-120	30.0		96.4	104.0	7.58	80-120	30 0	
Chloromethane	105.0	110.0	4.65	62 8-129	30.0		83.0	88 2	6.07	63.5-133	30.0	
cis-1,3-Dichloropropene	92.1	86.7	6.04	72.7-120	30.0		96.9	102.0	5.13	80-120	30.0	
Dibromomethane	80.8	79.4	1.75	61 4-120	30.0		93.0	98.0	5.24	74.7-120	30.0	
Ethylbenzene	89.3	86.0	3.76	79.9-122	30 0		84 0	89.1	5.89	80-120	30 0	
Tetrachloroethene	87.5	83.4	4.80	79.5-125	30 0		72.6	75.1	3 39	80-120	30.0	S
Toluene	89.7	85.4	4.91	79 1-123	30 0		88.7	94 3	6 12	80-120	30.0	
trans-1,2-Dichloroethene	86.6	88.6	2.28	76.3-124	30.0		86.3	94.5	9.07	75.9-122	30.0	
trans-1,3-Dichloropropene	87.2	82.2	5.90	65-127	30.0		99 5	103.0	3.46	80-120	30.0	
Trichloroethene	88.7	85.8	3.32	77.1-121	30.0		85 8	91.8	6.76	80-120	30.0	
Vinyl chloride	102.0	102.0	0.00	66.1-129	30 0		72.0	75 5	4.75	76 2-121	30.0	S
Xylenes,Total	90.9	86.5	4 96	79.4-125	30.0		85.5	91.1	6 34	80-120	30.0	

TABLE 15
CHEMICAL RECYCLING INC.
MATRIX SPIKE AND MATRIX SPIKE DUPLICATE ANALYSIS

Analtye	Batch 0611271 % Recovery MS	MDS	RPD	% Rec Limits	RPD Limits	Comments	Batch 0611296 % Recovery MS	MDS	RPD	% Rec Limits	RPD Limits	Comments
1,1,1-Trichloroethane	111.0	106.0	4.61	75.6-123	30.0		93.0	90.6	2.61	75 6-123	30.0	
1,1,2,2-Tetrachloroethane	106.0	100.0	5.83	75.1-120	30.0		93.3	91.0	2.50	75.1-120	30.0	
1,1,2-Trichloroethane	108.0	102.0	5 71	72.8-120	30.0		86.7	84 5	2.57	72.8-120	30.0	
1,1-Dichloroethane	111.0	107.0	3.67	75.3-121	30.0		93.7	91.7	2.16	75.3-121	30.0	
1,1-Dichloroethene	101.0	96.1	4.97	78-120	30.0		99.8	92.9	7.16	78-120	30.0	
1,2-Dichloroethane	106.0	101.0	4.83	70.6-128	30.0		90.4	84.3	6 98	70.6-128	30 0	
1,2-Dichloropropane	111 0	104.0	6.51	79.4-120	30.0		87.1	86.1	1.15	79 4-120	30 0	
2-Butanone	117.0	97.5	18.18	54.8-130	30.0		88.6	87.6	1.14	54.8-130	30.0	
Benzene	109 0	103.0	5.66	80-121	30.0		93.0	86.8	6.90	80-121	30.0	
Bromoform	107.0	99.3	7.46	76.9-120	30.0		82 8	84.6	2.15	76.9-120	30.0	
Bromomethane	118.0	108.0	8.85	58.9-132	30.0		92.6	82.8	11.17	58.9-132	30.0	
Carbon tetrachloride	109.0	102.0	6.64	71.8-130	30.0		93.0	86.7	7.01	71.8-130	30.0	
Chlorobenzene	104.0	96.0	8.00	80-120	30.0		86.2	81 5	5.61	80-120	30.0	
Chloroethane	113.0	105.0	7.34	62.5-135	30 0		101.0	95.7	5 39	62 5-135	30 0	
Chloroform	113.0	108 0	4.52	74.5-120	30.0		95.6	92.2	3.62	74.5-120	30.0	
Chloromethane	135.0	128.0	5.32	62.8-129	30.0		104.0	97.0	6.97	62.8-129	30.0	
cis-1,3-Dichloropropene	111.0	102.0	8.45	72.7-120	30 0		89.3	83 1	7.19	72.7-120	30.0	
Dibromomethane	102.0	93.8	8 38	61 4-120	30.0		90.3	85.5	5.46	61.4-120	30.0	
Ethylbenzene	104.0	96.1	7.90	79 9-122	30.0		87.9	81.1	8.05	79.9-122	30.0	
Tetrachloroethene	102.0	95.4	6.69	79.5-125	30 0		89.8	87.4	2.71	79 5-125	30.0	
Toluene	105.0	100.0	4.88	79.1-123	30.0		89.8	85 1	5.37	79.1-123	30.0	
trans-1,2-Dichloroethene	107.0	103.0	3.81	76.3-124	30.0		99.1	90 3	9.29	76.3-124	30.0	
trans-1,3-Dichloropropene	104.0	97.4	6 55	65-127	30.0		81.1	76.7	5.58	65-127	30 0	
Trichloroethene	104.0	98.4	5.53	77.1-121	30.0		87.3	85.4	2.20	77.1-121	30.0	
Vinyl chloride	130.0	121.0	7.17	66.1-129	30.0		101.0	95.5	5.60	66.1-129	30.0	
Xylenes,Total	103.0	99.0	3.96	79.4-125	30.0		88.5	82.3	7.26	79.4-125	30.0	

TABLE 15
CHEMICAL RECYCLING INC.
MATRIX SPIKE AND MATRIX SPIKE DUPLICATE ANALYSIS

Analtye	Batch 0611317 % Recovery MS	MDS	RPD	% Rec Limits	RPD Limits	Comments	Batch 0611291 % Recovery MS	MDS	RPD	% Rec Limits	RPD Limits	Comments
1,1,1-Trichloroethane	98.5	98.9	0.41	75.6-123	30.0		92.8	107.0	14.21	75.6-123	25.0	
1,1,2,2-Tetrachloroethane	91.6	106.0	14.57	75.1-120	30.0		85.5	102.0	17.60	75.1-120	30.0	
1,1,2-Trichloroethane	90.4	86.4	4.52	72.8-120	30.0		87.8	105.0	17.84	72.8-120	30.0	
1,1-Dichloroethane	97.2	95.3	1.97	75.3-121	30.0		94.1	109.0	14.67	75.3-121	30.0	
1,1-Dichloroethene	99.7	94.2	5.67	78-120	30.0		87.3	94.0	7.39	78-120	30.0	
1,2-Dichloroethane	94.5	92.2	2.46	70.6-128	30.0		89 4	95 6	6 70	70.6-128	30.0	
1,2-Dichloropropane	90.1	89.7	0.44	79.4-120	30.0		86.5	104.0	18.37	79.4-120	30.0	
2-Butanone	92.5	102.0	9.77	54.8-130	30.0		89.8	106.0	16.55	54.8-130	30.0	
Benzene	95.3	91.0	4.62	80-121	30.0		85.0	101.0	17.20	80-121	30.0	
Bromoform	90.4	89.5	1.00	76.9-120	30.0		91.0	102.0	11.40	76.9-120	30.0	
Bromomethane	105.0	93 4	11.69	58.9-132	30.0		88 0	97 0	9.73	58.9-132	30.0	
Carbon tetrachloride	96.8	91 3	5.85	71.8-130	30.0		81.0	97.4	18.39	71.8-130	30.0	
Chlorobenzene	88.9	87.0	2.16	80-120	30.0		92.0	95.4	3.63	80-120	30.0	
Chloroethane	103.0	98.8	4.16	62.5-135	30 0		93 2	107 0	13.79	62.5-135	30.0	
Chloroform	95.3	92.7	2.77	74.5-120	30.0		110.0	107 0	2.76	74.5-120	30.0	
Chloromethane	109.0	103.0	5.66	62.8-129	30.0		87.7	120.0	31.10	62.8-129	30.0	
cis-1,3-Dichloropropene	92.7	91.4	1.41	72.7-120	30 0		77.3	103 0	28.51	72.7-120	30.0	
Dibromomethane	94.2	88.4	6.35	61 4-120	30.0		84.1	101.0	18.26	61.4-120	30.0	
Ethylbenzene	93.9	87.0	7.63	79.9-122	30.0		80.1	97.3	19.39	79.9-122	30.0	
Tetrachloroethene	93.6	85.3	9.28	79.5-125	30.0		85.2	93.6	9.40	79.5-125	30 0	
Toluene	92.6	88.5	4.53	79.1-123	30.0		90.0	98.8	9.32	79.1-123	30.0	
trans-1,2-Dichloroethene	101.0	94.7	6.44	76.3-124	30.0		82.9	101.0	19.68	76 3-124	30.0	
trans-1,3-Dichloropropene	85.5	83 8	2.01	65-127	30.0		49.3	98.1	66.21	65-127	30.0	S
Trichloroethene	93.3	92.6	0.75	77.1-121	30.0		107.0	60.6	55 37	77.1-121	30.0	
Vinyl chloride	105.0	102.0	2.90	66.1-129	30.0		81.6	119 0	37.29	66.1-129	30.0	
Xylenes,Total	88.6	91.4	3.11	79.4-125	30.0		90.9	97.8	7.31	79.4-125	30 0	

TABLE 15
CHEMICAL RECYCLING INC.
MATRIX SPIKE AND MATRIX SPIKE DUPLICATE ANALYSIS

Groundwater Volatile Organic Compounds

Analtye	Batch 0611360 % Recovery MS	MDS	RPD	% Rec Limits	RPD Limits	Comments	Batch 0611361 (1) % Recovery MS	MDS	RPD	% Rec Limits	RPD Limits	Comments
1,1,1-Trichloroethane	81.1	93.0	13.67	79.6-120	30.0		53.4	64.7	19.14	79.6-120	30.0	S
1,1,2,2-Tetrachloroethane	105.0	95.5	9 48	76.9-121	30.0		93 7	105.0	11 37	76.9-121	30.0	
1,1,2-Trichloroethane	106.0	101.0	4.83	80-120	30.0		104.0	112.0	7.41	80-120	30.0	
1,1-Dichloroethane	94.4	98.0	3.74	74.2-122	30.0		81.2	95.9	16.60	74.2-122	30.0	
1,1-Dichloroethene	76.6	90.8	16.97	75.8-122	30.0		1060 0	1400.0	27.64	75.8-122	30 0	
1,2-Dichloroethane	102.0	102.0	0.00	78.8-120	30.0		101.0	92.9	8.35	78.8-120	30.0	
1,2-Dichloropropane	98.9	97.9	1.02	80-120	30.0		101.0	95.2	5.91	80-120	30 0	
2-Butanone	106.0	88.7	17.77	69.2-131	30.0		97 5	95.4	2.18	69.2-131	30 0	
Benzene	93.9	99.2	5.49	80-120	30.0		101.0	88.1	13.64	80-120	30.0	
Bromoform	106.0	99.8	6.03	78.1-120	30.0		99.2	102.0	2.78	78.1-120	30.0	
Bromomethane	87.1	103 0	16.73	52.8-147	30.0		101.0	123.0	19 64	52.8-147	30.0	
Carbon tetrachloride	74.5	85.2	13.40	76.8-120	30.0	S	94.3	92.8	1.60	76.8-120	30.0	
Chlorobenzene	95.3	99.7	4.51	80-120	30.0		96.5	102.0	5.54	80-120	30 0	
Chloroethane	80 5	90.1	11 25	74.2-120	30.0		88.7	87 4	1.48	74 2-120	30 0	
Chloroform	98.2	103.0	4.77	80-120	30.0		94.5	105.0	10.53	80-120	30.0	
Chloromethane	82 2	91.9	11.14	63.5-133	30.0		93.4	102.0	8.80	63.5-133	30.0	
cis-1,3-Dichloropropene	98.1	98.6	0.51	80-120	30.0		112 0	99.2	12.12	80-120	30 0	
Dibromomethane	93.5	96.9	3.57	74.7-120	30.0		99.0	112.0	12.32	74 7-120	30.0	
Ethylbenzene	88.0	97.3	10.04	80-120	30.0		86.6	88.9	2.62	80-120	30.0	
Tetrachloroethene	82.9	91.8	10.19	80-120	30.0		78.0	82 9	6.09	80-120	30.0	S
Toluene	95.7	102.0	6.37	80-120	30 0		62.0	68.0	9 23	80-120	30.0	S
trans-1,2-Dichloroethene	90.4	102.0	12.06	75.9-122	30 0		93.4	102.0	8.80	75.9-122	30.0	
trans-1,3-Dichloropropene	101.0	95.3	5.81	80-120	30.0		107.0	97.5	9.29	80-120	30.0	
Trichloroethene	92.1	98.2	6.41	80-120	30.0		1320.0	1910.0	36.53	80-120	30.0	
Vinyl chloride	73.4	86.4	16 27	76.2-121	30.0	S	45.3	10.8	122.99	76.2-121	30.0	O
Xylenes,Total	91.8	98.0	6.53	80-120	30.0		94.7	103.0	8.40	80-120	30.0	

TABLE 15
CHEMICAL RECYCLING INC.
MATRIX SPIKE AND MATRIX SPIKE DUPLICATE ANALYSIS

Analtye	Batch 0611361 (2) % Recovery MS	MDS	RPD	% Rec Limits	RPD Limits	Comments
1,1,1-Trichloroethane	98.9	94.1	4.97	79.6-120	30.0	
1,1,2,2-Tetrachloroethane	92.6	97.0	4.64	76.9-121	30.0	
1,1,2-Trichloroethane	110.0	94.9	14.74	80-120	30.0	
1,1-Dichloroethane	96.7	90.4	6.73	74.2-122	30.0	
1,1-Dichloroethene	100.0	88.7	11.98	75.8-122	30.0	
1,2-Dichloroethane	96.0	98.4	2.47	78.8-120	30.0	
1,2-Dichloropropane	88.9	101.0	12.74	80-120	30.0	
2-Butanone	98.1	83.4	16.20	69.2-131	30.0	
Benzene	93.1	101.0	8 14	80-120	30.0	
Bromoform	102.0	91.2	11.18	78.1-120	30.0	
Bromomethane	105.0	107.0	1.89	52.8-147	30.0	
Carbon tetrachloride	93.6	95.0	1.48	76 8-120	30 0	
Chlorobenzene	96.4	98.7	2.36	80-120	30 0	
Chloroethane	97.8	91.0	7.20	74 2-120	30.0	
Chloroform	98.9	91.8	7.45	80-120	30 0	
Chloromethane	91.5	90.9	0.66	63 5-133	30 0	
cis-1,3-Dichloropropene	96.5	99.3	2.86	80-120	30 0	
Dibromomethane	100.0	94.3	5.87	74 7-120	30 0	
Ethylbenzene	99.9	90 0	10 43	80-120	30.0	
Tetrachloroethene	102.0	89.3	13.28	80-120	30.0	
Toluene	105.0	91.1	14.18	80-120	30 0	
trans-1,2-Dichloroethene	104.0	90.3	14 10	75.9-122	30.0	
trans-1,3-Dichloropropene	95.2	93.6	1.69	80-120	30.0	
Trichloroethene	97.3	101.0	3.73	80-120	30.0	
Vinyl chloride	99.2	90.9	8.73	76.2-121	30.0	
Xylenes,Total	98.0	96.4	1.65	80-120	30.0	

TABLE 15
CHEMICAL RECYCLING INC.
MATRIX SPIKE AND MATRIX SPIKE DUPLICATE ANALYSIS

Soils Metals

Analtye	Batch 0611269 % Recovery MS	MDS	RPD	% Rec Limits	RPD Limits	Comments	Batch 0611271 % Recovery MS	MDS	RPD	% Rec Limits	RPD Limits	Comments
Mercury ug/kg	104.0	87.1	17.69	85-115	25.0		96.5	87 1	10.24	85-115	25.0	
Antimony mg/kg	23.8	18.1	27.21	75-125	25.0	S	24.5	23.8	2.90	75-125	25.0	S
Arsenic mg/kg	70.4	64.9	8.13	75-125	25.0		82.8	84.3	1.80	75-125	25.0	
Barium mg/kg	285.0	53.0	137.28	75-125	25.0	O	1490.0	750 0	66.07	75-125	25.0	SO
Beryllium mg/kg	75.8	74 1	2.27	75-125	25.0		82.0	80.3	2 09	75-125	25.0	
Cadmium mg/kg	77.3	78.2	1.16	75-125	25.0		85.8	84.7	1.29	75-125	25.0	
Chromium mg/kg	248.0	40.0	144.44	75-125	25.0	SO	98.8	77 8	23.78	75-125	25.0	
Copper mg/kg	359.0	64.0	139.48	75-125	25 0	SO	83.5	68.0	20.46	75-125	25.0	
Lead mg/kg	680.0	190.0	112.64	75-125	25.0	SO	134.0	101.0	28.09	75-125	25.0	S
Nickel mg/kg	77.0	69 6	10.10	75-125	25.0		87.8	75.1	15.59	75-125	25.0	
Selenium mg/kg	64 0	62.2	2.85	75-125	25.0	S	81.1	77.0	5.19	75-125	25.0	
Silver mg/kg	77 0	74.8	2.90	75-125	25.0		84.0	82 7	1.56	75-125	25.0	
Thallium mg/kg	73.3	73 3	0.00	75-125	25.0		98.9	95.9	3.08	75-125	25.0	
Zinc mg/kg	121.0	286.0	81.08	75-125	25.0	SO	103.0	60.7	51.68	75-125	25.0	S

Analtye	Batch 0611272 % Recovery MS	MDS	RPD	% Rec Limits	RPD Limits	Comments	Batch 0611287 % Recovery MS	MDS	RPD	% Rec Limits	RPD Limits	Comments
Mercury ug/kg	88.4	88.4	0.00	85-115	25.0		95.8	98.4	2.68	85-115	25.0	
Antimony mg/kg	19.6	17.1	13.62	75-125	25.0	S	31.6	24.8	24.11	75-125	25 0	S
Arsenic mg/kg	82.5	85.0	2.99	75-125	25.0		71.2	77 0	7.83	75-125	25.0	
Barium mg/kg	616.0	575.0	6.88	75-125	25.0	SO	627.0	130.0	131.31	75-125	25.0	SO
Beryllium mg/kg	80.5	81.5	1.23	75-125	25.0		79.6	81.0	1.74	75-125	25.0	
Cadmium mg/kg	91 6	91.4	0.22	75-125	25.0		77.2	82 0	6.03	75-125	25.0	
Chromium mg/kg	144.0	153.0	6.06	75-125	25.0		631.0	496.0	23.96	75-125	25.0	SO
Copper mg/kg	13.4	35.6	90.61	75-125	25.0	SO	91.3	63.7	35.61	75-125	25.0	
Lead mg/kg	197.0	202.0	2.51	75-125	25.0	SO	321.0	2320.0	151.38	75-125	25.0	SO
Nickel mg/kg	76.2	78.4	2.85	75-125	25 0		72.6	104.0	35.56	75-125	25.0	S
Selenium mg/kg	52.4	53.1	1.33	75-125	25.0	S	67 3	71.2	5.63	75-125	25.0	S
Silver mg/kg	79.6	78.7	1.14	75-125	25.0		80.2	81.2	1.24	75-125	25.0	
Thallium mg/kg	89.1	95.6	7.04	75-125	25.0		77.3	76.2	1.43	75-125	25.0	
Zinc mg/kg	581.0	400.0	36.90	75-125	25.0	SO	613.0	344.0	56.22	75-125	25.0	SO

TABLE 15
CHEMICAL RECYCLING INC.
MATRIX SPIKE AND MATRIX SPIKE DUPLICATE ANALYSIS

Analtye	Batch 0611296 % Recovery MS	MDS	RPD	% Rec Limits	RPD Limits	Comments	Batch 0611315 % Recovery MS	MDS	RPD	% Rec Limits	RPD Limits	Comments
Mercury ug/kg	86.6	89.0	2.73	85-115	25.0		84 9	88.9	4 60	85-115	25.0	
Antimony mg/kg	47.9	48.8	1.86	75-125	25.0	S	23.5	24.5	4.17	75-125	25.0	S
Arsenic mg/kg	75.4	74.2	1.60	75-125	25.0	S	87.0	83 8	3.75	75-125	25.0	
Barium mg/kg	323.0	63.0	134.72	75-125	25.0	SO	732.0	478.0	41.98	75-125	25.0	SO
Beryllium mg/kg	74.1	74.6	0.67	75-125	25.0	S	78.9	77.6	1.66	75-125	25.0	
Cadmium mg/kg	83.5	81.9	1.93	75-125	25.0		80 3	78 9	1.76	75-125	25 0	
Chromium mg/kg	77.6	71.7	7.90	75-125	25 0	S	193.0	65.8	98.30	75-125	25.0	SO
Copper mg/kg	70.5	75.4	6.72	75-125	25.0	S	82 4	88.1	6.69	75-125	25.0	O
Lead mg/kg	89.0	105.0	16.49	75-125	25.0		2620 0	2430.0	7.52	75-125	25.0	SO
Nickel mg/kg	84.6	75.9	10.84	75-125	25.0		31.7	38.3	18.86	75-125	25.0	S
Selenium mg/kg	67.3	66.7	0.90	75-125	25.0	S	87.3	84.1	3.73	75-125	25.0	
Silver mg/kg	83 3	82.8	0 60	75-125	25.0		83.1	80 9	2 68	75-125	25 0	
Thallium mg/kg	82.9	83.6	0.84	75-125	25.0		93.6	92.5	1 18	75-125	25.0	
Zinc mg/kg	62.8	53.8	15.44	75-125	25.0		579.0	441.0	27.06	75-125	25 0	SO

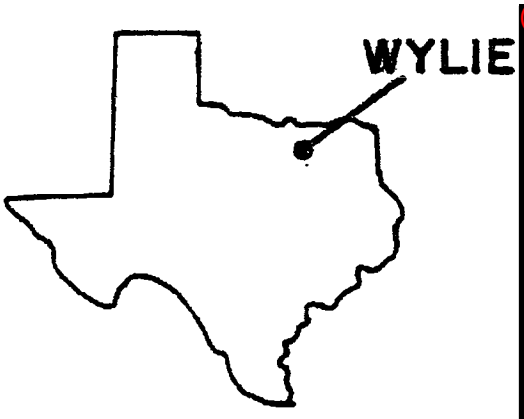
Analtye	Batch 0611317 % Recovery MS	MDS	RPD	% Rec Limits	RPD Limits	Comments	Batch 0612219 % Recovery MS	MDS	RPD	% Rec Limits	RPD Limits	Comments
Mercury ug/kg	61.1	54.5	11.42	85-115	25.0	S	91.7	91.5	0.22	85-115	25.0	
Antimony mg/kg	39.3	66.2	51.00	75-125	25.0	S	20.3	16.1	23.08	75-125	25 0	S
Arsenic mg/kg	60.4	57.2	5.44	75-125	25.0	S	94.0	89 7	4.68	75-125	25.0	
Barium mg/kg	3930.0	5100.0	25.91	75-125	25.0	SO	636.0	804.0	23.33	75-125	25.0	SO
Beryllium mg/kg	79.1	80.4	1 63	75-125	25.0		86.7	86.6	0.12	75-125	25.0	
Cadmium mg/kg	84.2	87.0	3.27	75-125	25.0		94.7	93.8	0.95	75-125	25.0	
Chromium mg/kg	4720.0	5930.0	22.72	75-125	25.0	SO	586.0	751.0	24 68	75-125	25.0	S
Copper mg/kg	371.0	400.0	7.52	75-125	25.0	SO	162 0	171.0	5.41	75-125	25.0	S
Lead mg/kg	13100.0	14400 0	9.45	75-125	25 0	SO	1910.0	2350 0	20.66	75-125	25.0	SO
Nickel mg/kg	89.9	113.0	22.77	75-125	25.0		109.0	110.0	0.91	75-125	25.0	
Selenium mg/kg	53.6	49.4	8.16	75-125	25.0	S	79.1	78.5	0.76	75-125	25.0	
Silver mg/kg	80.2	82.4	42.35	75-125	25.0		86.4	86.4	8.82	75-125	25.0	
Thallium mg/kg	74.1	76.4	4.85	75-125	25.0	S	85.4	85.5	1.05	75-125	25.0	
Zinc mg/kg	9500.0	14500.0	197.97	75-125	25.0	SO	1180.0	1480.0	178.18	75-125	25.0	SO

TABLE 15
CHEMICAL RECYCLING INC.
MATRIX SPIKE AND MATRIX SPIKE DUPLICATE ANALYSIS

Analtye	Batch 0611291 % Recovery MS	MDS	RPD	% Rec Limits	RPD Limits	Comments	Batch 0611426 % Recovery MS	MDS	RPD	% Rec Limits	RPD Limits	Comments
Mercury ug/kg	90.2	92.4	2.41	85-115	25 0		90.2	92.4	2.41	85-115	25.0	
Antimony mg/kg	21.3	21.4	0.47	75-125	25.0	S	18.0	19 8	9.52	75-125	25.0	S
Arsenic mg/kg	79.3	85.1	7.06	75-125	25.0		76.5	80.4	4.97	75-125	25.0	
Barium mg/kg	381.0	504.0	27.80	75-125	25.0	SO	203.0	168.0	18.87	75-125	25.0	SO
Beryllium mg/kg	80.6	81.7	1.36	75-125	25.0		85.4	83.5	2.25	75-125	25.0	
Cadmium mg/kg	85.6	97.0	12.49	75-125	25.0		89.7	86.8	3.29	75-125	25.0	
Chromium mg/kg	158.0	259.0	48 44	75-125	25.0	SO	182.0	108.0	51.03	75-125	25.0	
Copper mg/kg	140.0	179.0	24.45	75-125	25.0	S	52.9	47 8	10.13	75-125	25.0	S
Lead mg/kg	997.0	1130.0	12.51	75-125	25.0	SO	464.0	153.0	100.81	75-125	25 0	
Nickel mg/kg	94.3	156 0	49.30	75-125	25.0	S	84.0	87 8	4.42	75-125	25.0	
Selenium mg/kg	70.5	67.1	4.94	75-125	25.0	S	75.4	73.7	2.28	75-125	25.0	S
Silver mg/kg	86.4	85.5	1.05	75-125	25.0		82 1	80.2	2.34	75-125	25.0	
Thallium mg/kg	80.4	78.5	2.39	75-125	25.0	S	83.0	81.3	2.07	75-125	25.0	
Zinc mg/kg	342.0	1180.0	110.12	75-125	25.0	SO	243.0	135.0	57.14	75-125	25.0	S

Analtye	Batch 0701017 % Recovery MS	MDS	RPD	Comments
Lead mg/kg	801.0	1220 0	-	O

S = % recovery outside QC limits
O = Target compound detected at concentration > 4 times spiked amount



(b) (6)

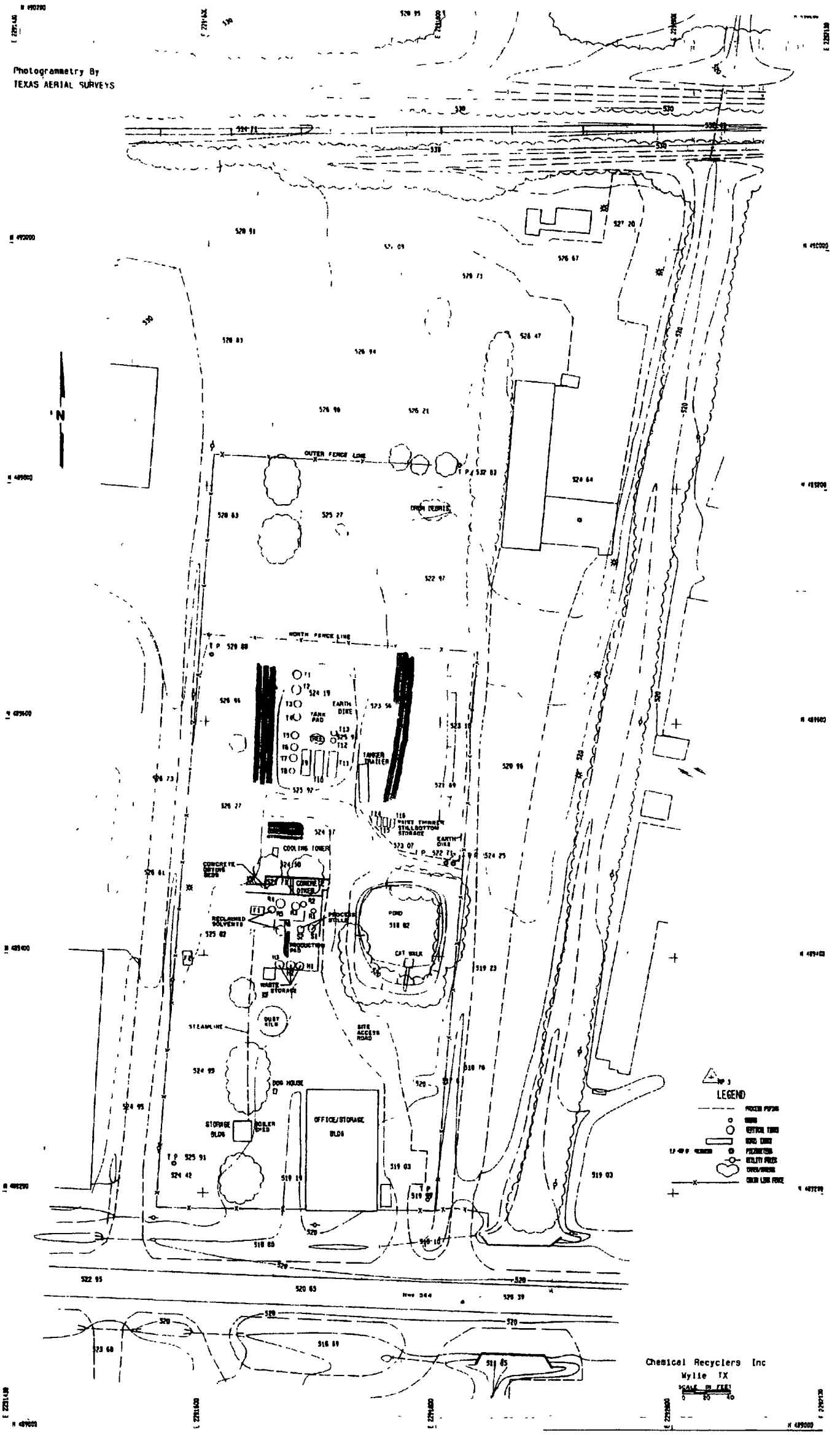
(b) (6)

Golder Associates
Houston, Texas

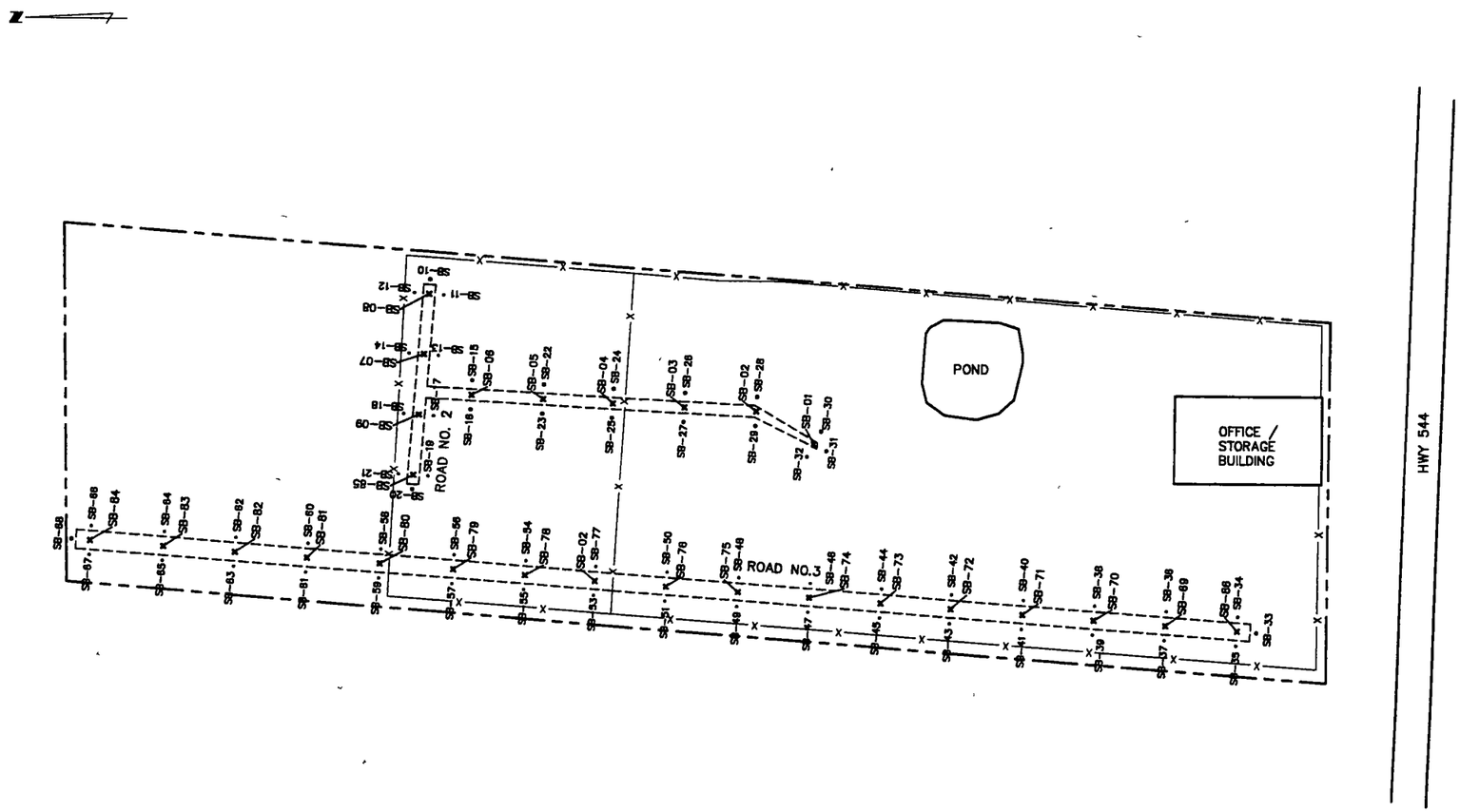
CLIENT/PROJECT
CHEMICAL RECYCLING, INC.
STEERING COMMITTEE

TITLE
SITE LOCATION PLAN

DRAWN	CHECKED	REVIEWED	DATE	SCALE	JOB NO
JCB			AUGUST 1994	AS SHOWN	913-4076
			FILE NO	DWG NO / REV NO	FIGURE 1



2	FIGURE NUMBER	CHEMICAL RECYCLING, INC. SITE SAMPLING AND ANALYSIS PLAN		Golder Associates 500 Century Plaza Drive, Suite 190 Houston, Texas USA 77073 Tel: (281) 821-6868 Fax: (281) 821-6870	REV. / DATE / DESCRIPTION / BY / APP'D BY
		ORIGINAL SITE CONDITIONS (1989)			



LEGEND

- FENCELINE
- ROAD
- APPROXIMATE PROPERTY LINE
- ROAD CENTERLINE BORING 24" DEEP
- ROAD BOUNDARY BORING 12" DEEP

50 0 50 100
scale feet

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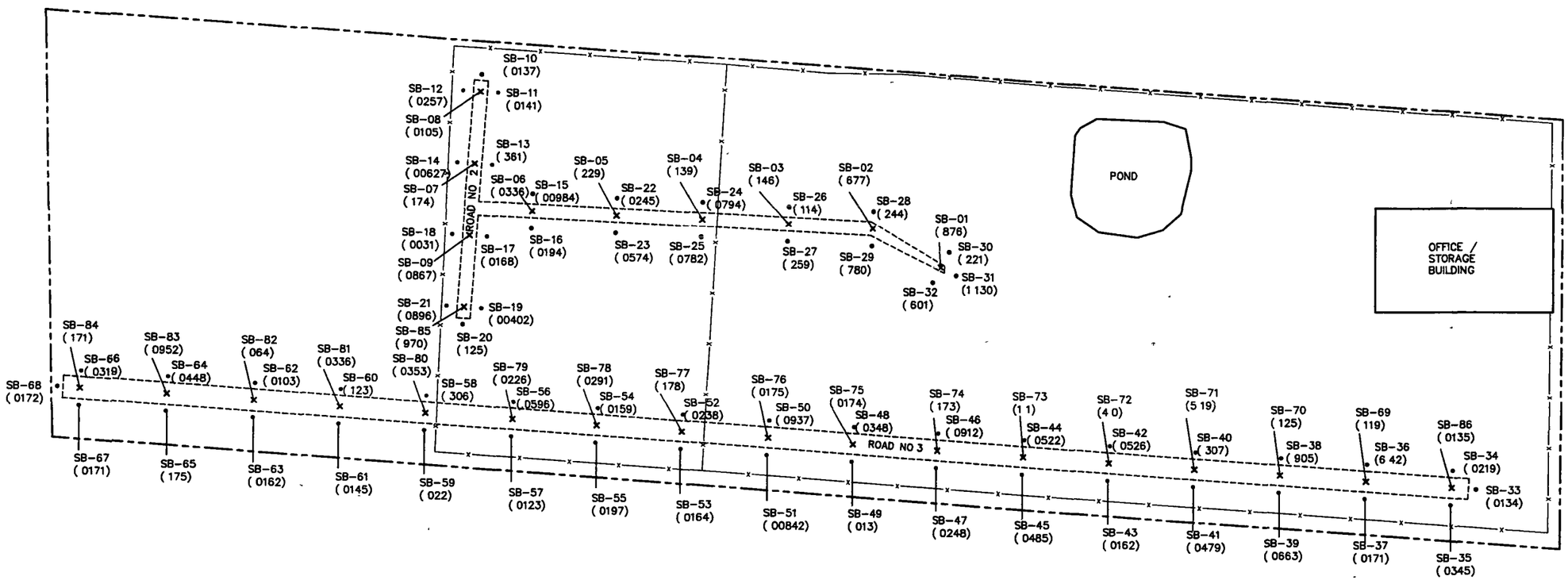
CHEMICAL RECYCLING, INC. SITE
SAMPLING AND ANALYSIS PLAN

SOIL BORING LOCATIONS

DECEMBER
AS SHOWN
063-4800
4800-203

FIGURE NUMBER

3



LEGEND

- FENCELINE
- ROAD
- APPROXIMATE PROPERTY LINE
- × ROAD CENTERLINE BORING 24" DEEP
- • ROAD BOUNDARY BORING 12" DEEP
- (#) MERCURY CONCENTRATION IN mg/kg

35 0 35 70
scale feet

REVISED APRIL 19, 2007

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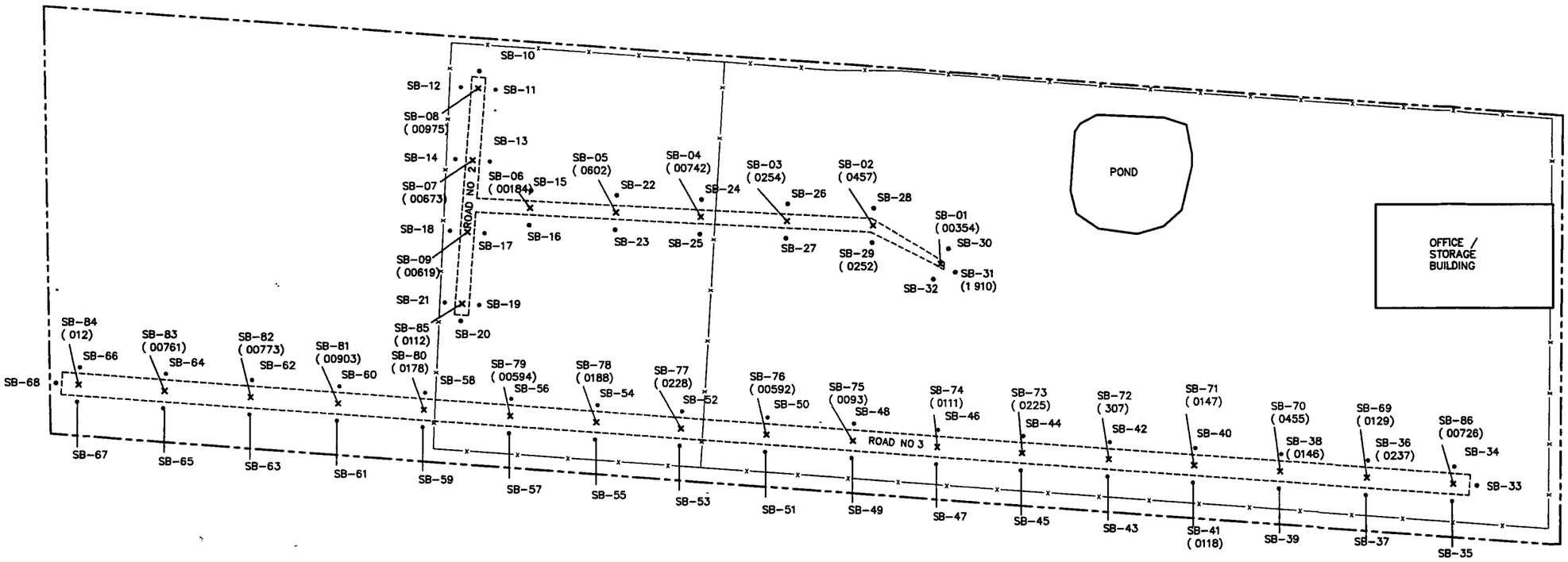
CHEMICAL RECYCLING, INC. SITE SAMPLING AND ANALYSIS PLAN

0 TO 6 INCH SAMPLE INTERVAL MERCURY CONCENTRATIONS

DECEMBER 2006
AS
053-9600
053-9600-204

FIGURE NUMBER
4



LEGEND

- FENCELINE
- ROAD
- APPROXIMATE PROPERTY LINE
- ROAD CENTERLINE BORING 24" DEEP
- ROAD BOUNDARY BORING 12" DEEP
- (#) MERCURY CONCENTRATION IN mg/kg

35 0 35 70
scale feet

REVISED APRIL 19, 2007

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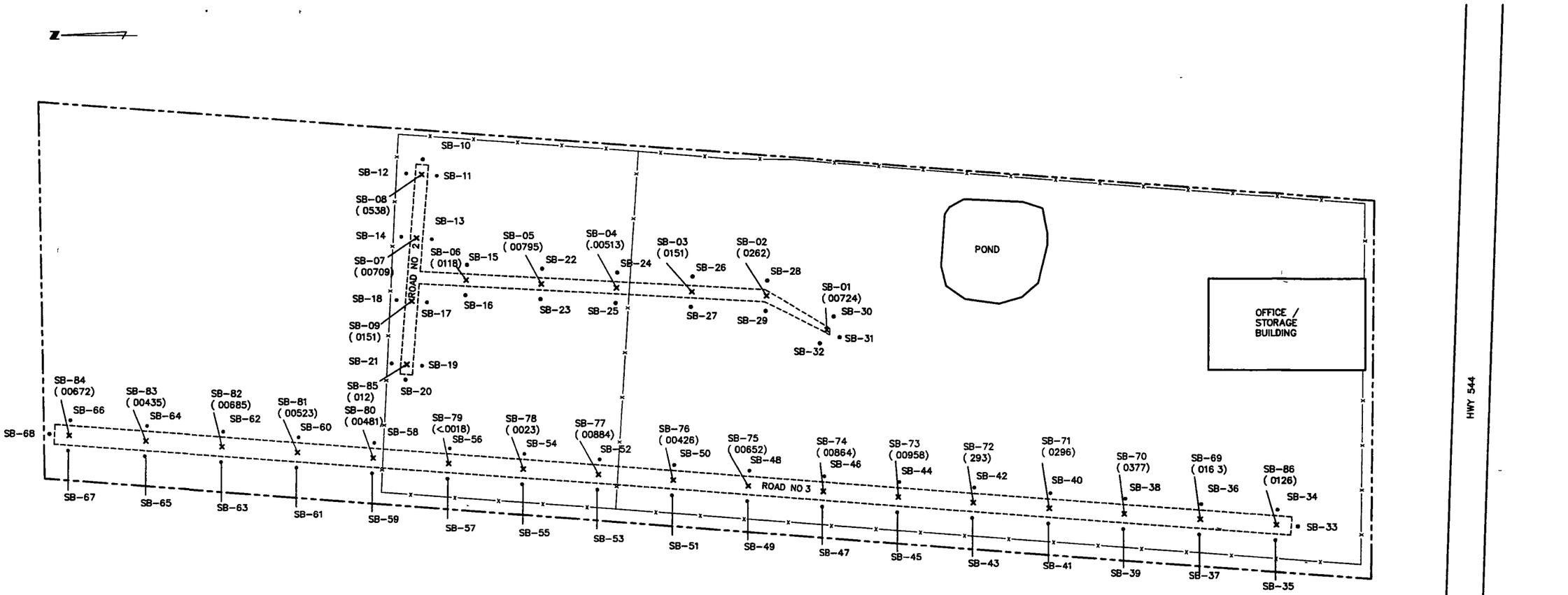
CHEMICAL RECYCLING, INC. SITE SAMPLING AND ANALYSIS PLAN

6 TO 12 INCH SAMPLE INTERVAL MERCURY CONCENTRATIONS

DESIGNED ML REVIEWED
CHECKED APPROVED
DATE DECEMBER 2006
SCALE AS SHOWN
063-
063-4000-205

FIGURE NUMBER

5



REVISED APRIL 19, 2007

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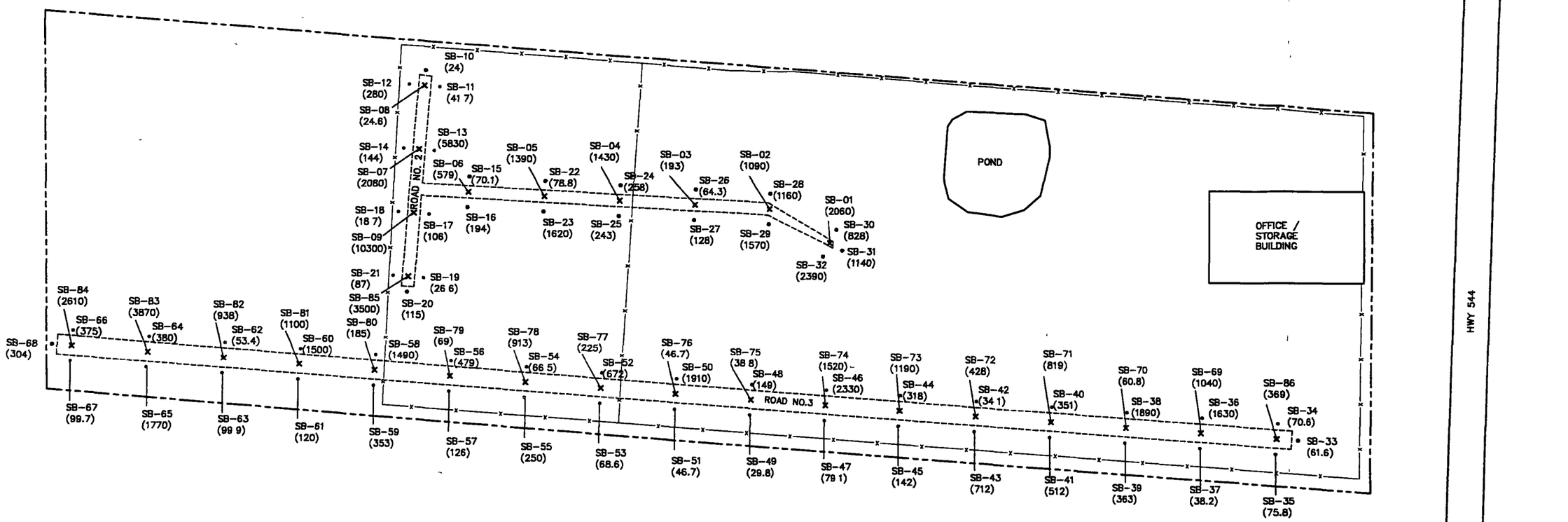
CHEMICAL RECYCLING, INC. SITE
SAMPLING AND ANALYSIS PLAN

12 TO 18 INCH SAMPLE INTERVAL
MERCURY CONCENTRATIONS

DRAWN ML
DATE DECEMBER 2006
SCALE AS
JOB NO. 063-
DWG. NO. 063-4900-206

FIGURE NUMBER
6



LEGEND

- FENCELINE
- ROAD
- APPROXIMATE PROPERTY LINE
- × ROAD CENTERLINE BORING 24" DEEP
- • ROAD BOUNDARY BORING 12" DEEP
- (#) LEAD CONCENTRATION IN mg/kg

35 0 35 70
scale feet

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CHEMICAL RECYCLING, INC. SITE SAMPLING AND ANALYSIS PLAN

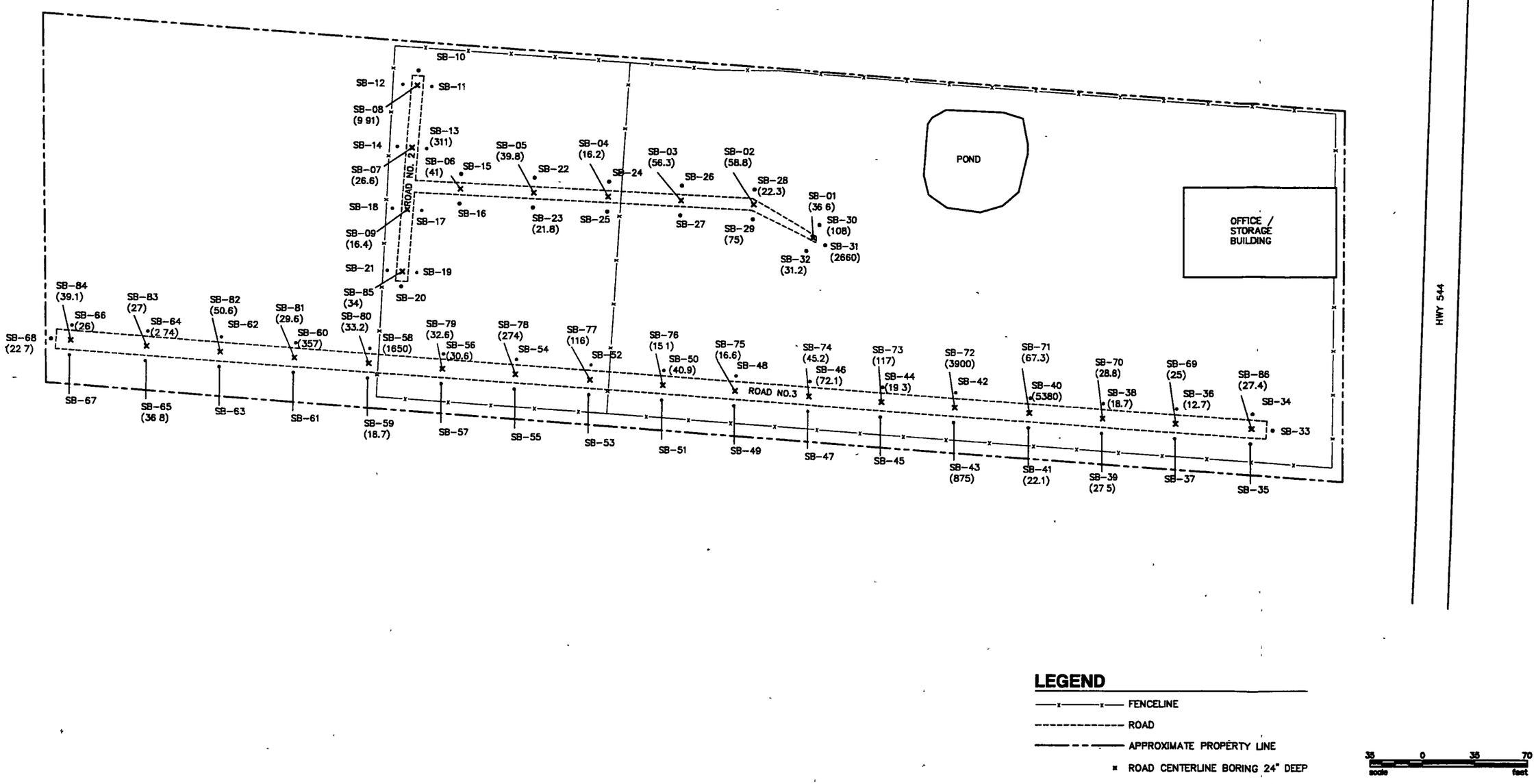
0 TO 6 INCH SAMPLE INTERVAL LEAD CONCENTRATIONS

DECEMBER 2006

AS

FIGURE NUMBER

7



LEGEND

- FENCELINE
- ROAD
- APPROXIMATE PROPERTY LINE
- × ROAD CENTERLINE BORING 24" DEEP
- • ROAD BOUNDARY BORING 12" DEEP
- (#) LEAD CONCENTRATION IN mg/kg

35 0 35 70
scale feet

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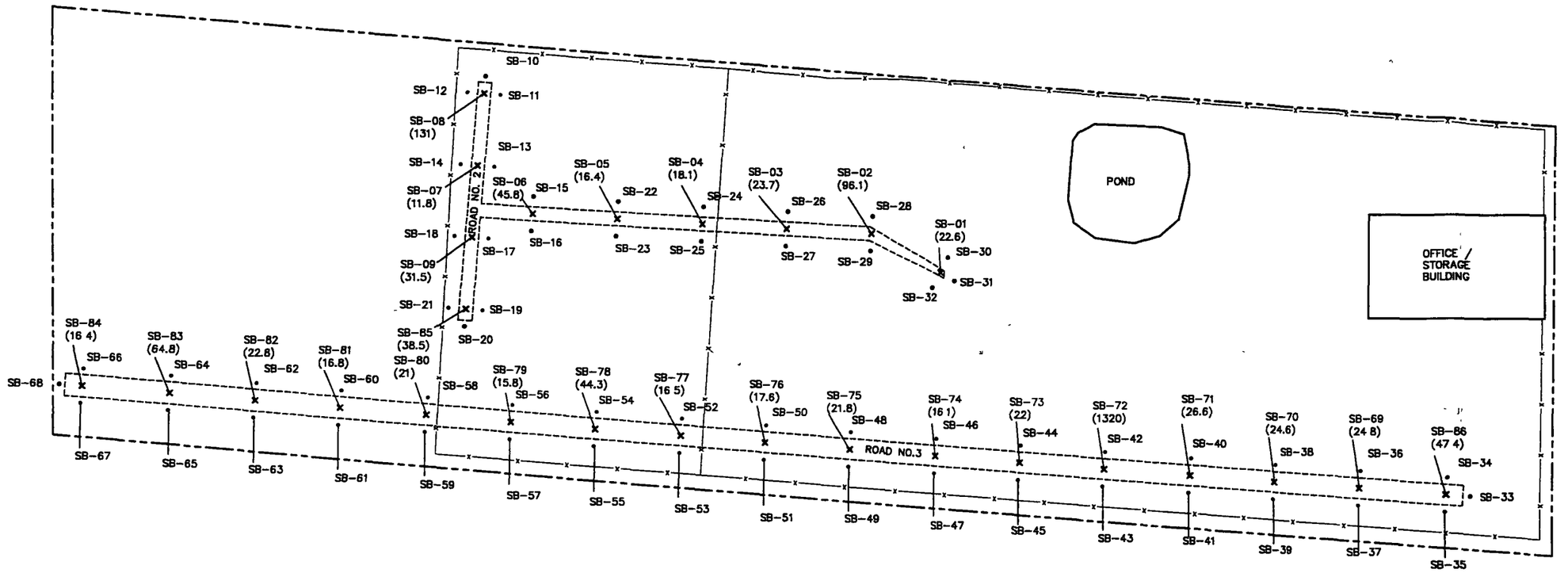
Fax (281) 821-6870

CHEMICAL RECYCLING, INC. SITE
SAMPLING AND ANALYSIS PLAN

6 TO 12 INCH SAMPLE INTERVAL LEAD CONCENTRATIONS

DECEMBER
AS
FIGURE NUMBER
8



LEGEND

- FENCELINE
- ROAD
- APPROXIMATE PROPERTY LINE
- ROAD CENTERLINE BORING 24" DEEP
- ROAD BOUNDARY BORING 12" DEEP
- (#) LEAD CONCENTRATION IN mg/kg

35 0 35 70
scale feet

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CHEMICAL RECYCLING, INC. SITE
SAMPLING AND ANALYSIS PLAN

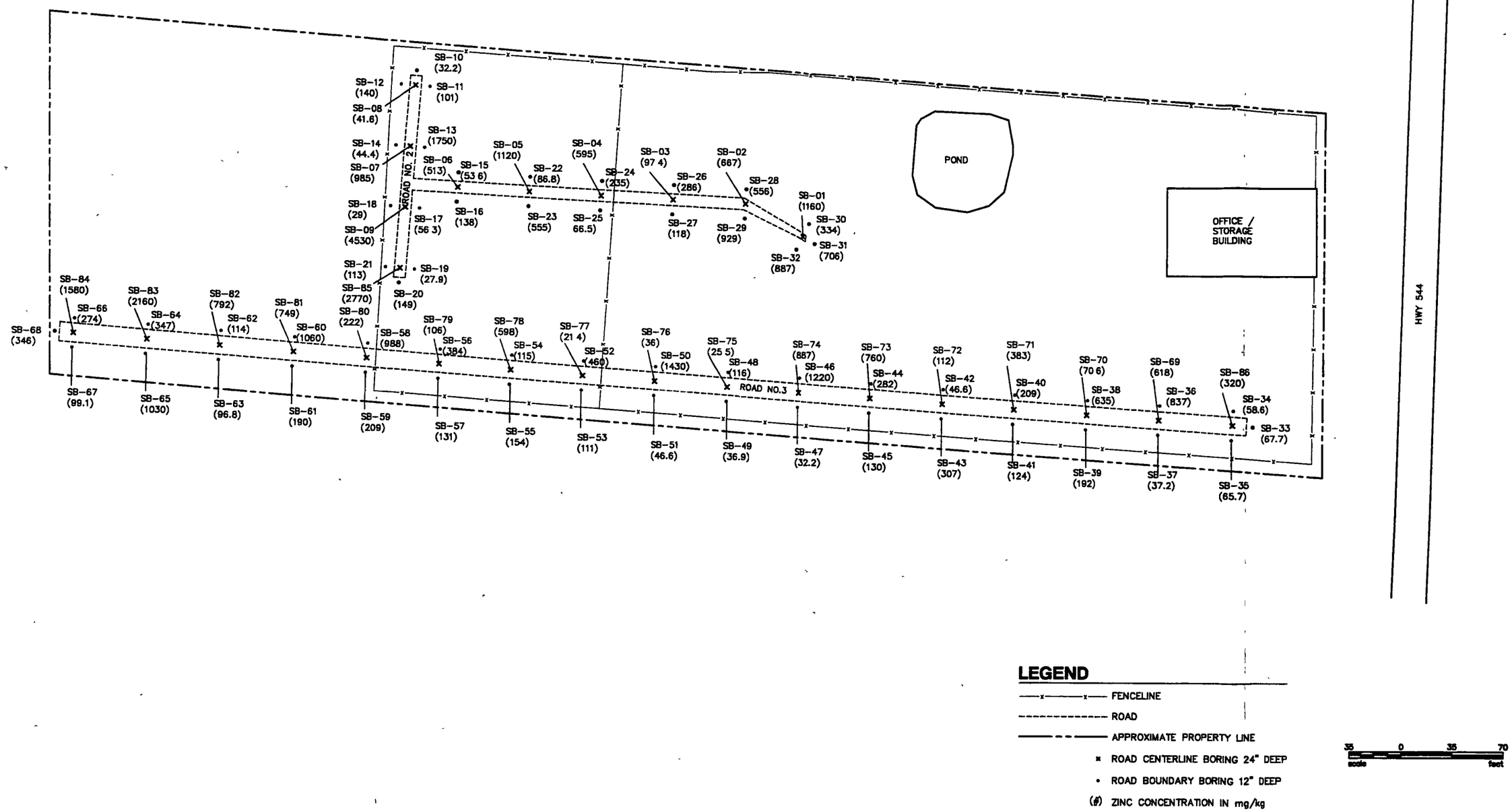
12 TO 18 INCH SAMPLE INTERVAL LEAD CONCENTRATIONS

DECEMBER 2005

A3

FIGURE NUMBER

9



LEGEND

- FENCELINE
- ROAD
- APPROXIMATE PROPERTY LINE
- × ROAD CENTERLINE BORING 24" DEEP
- • ROAD BOUNDARY BORING 12" DEEP
- (#) ZINC CONCENTRATION IN mg/kg

35 0 35 70
scale feet

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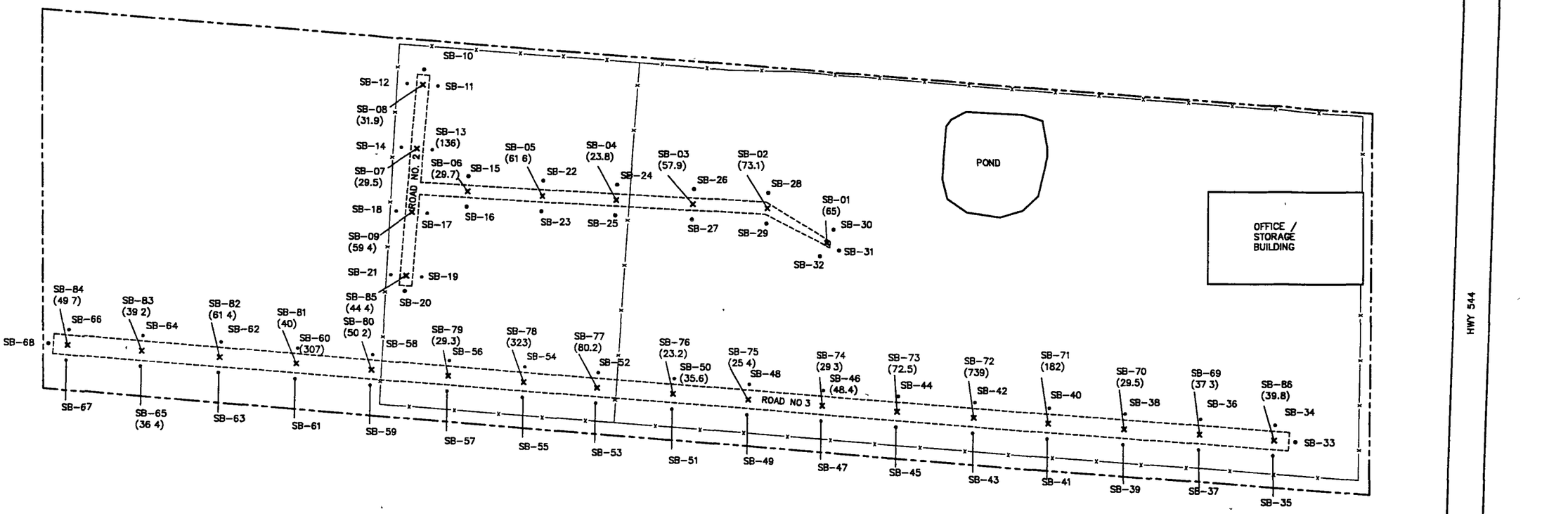
CHEMICAL RECYCLING, INC. SITE
SAMPLING AND ANALYSIS PLAN

0 TO 6 INCH SAMPLE INTERVAL ZINC CONCENTRATIONS

DECEMBER
AS SHOWN
063-4600
063-4600-210

FIGURE NUMBER
0



LEGEND

—x———x— FENCELINE

---------- ROAD

——— - - ——— APPROXIMATE PROPERTY LINE

* ROAD CENTERLINE BORING 24" DEEP

• ROAD BOUNDARY BORING 12" DEEP

(#) ZINC CONCENTRATION IN mg/kg

35 0 35 70
scale feet

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CHEMICAL RECYCLING, INC. SITE SAMPLING AND ANALYSIS PLAN

0 TO 12 INCH SAMPLE INTERVAL ZINC CONCENTRATIONS

DECEMBER 2005

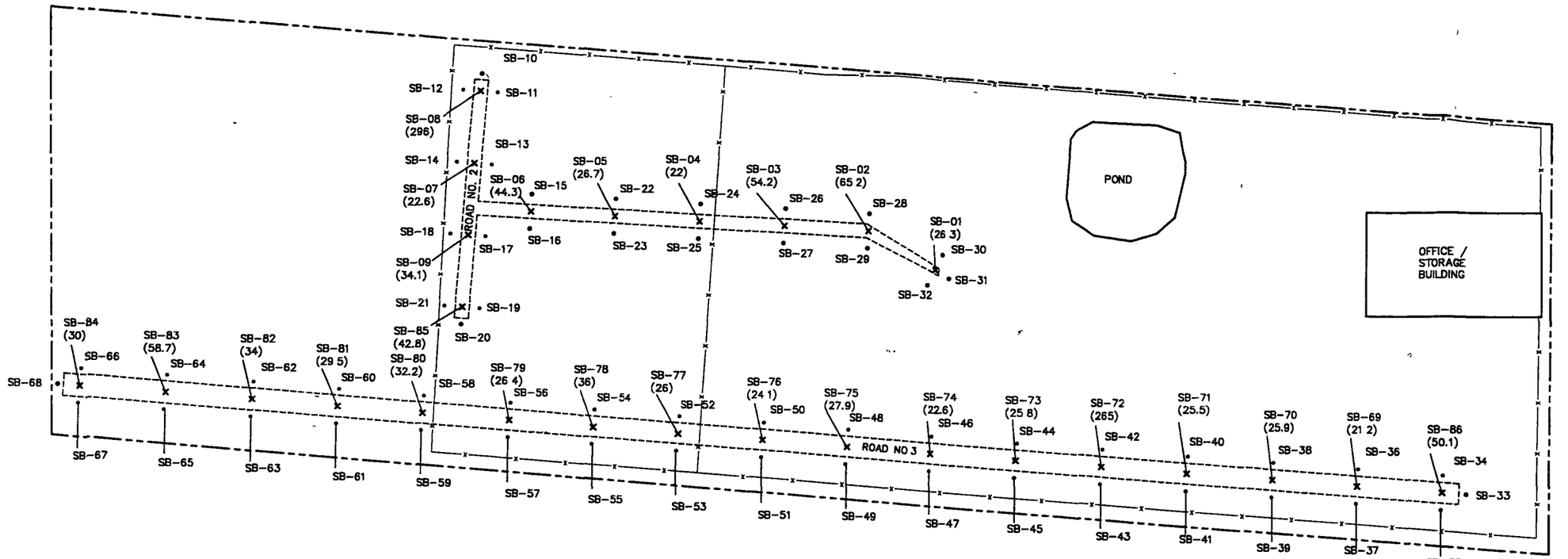
AS SHOWN

053-4900

053-4900-211

FIGURE NUMBER

11



LEGEND

- FENCELINE
- ROAD
- APPROXIMATE PROPERTY LINE
- x ROAD CENTERLINE BORING 24" DEEP
- • ROAD BOUNDARY BORING 12" DEEP
- (#) ZINC CONCENTRATION IN mg/kg

35 0 35 70
scale feet

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CHEMICAL RECYCLING, INC. SITE SAMPLING AND ANALYSIS PLAN

12 TO 18 INCH SAMPLE INTERVAL ZINC CONCENTRATIONS

DECEMBER 2000

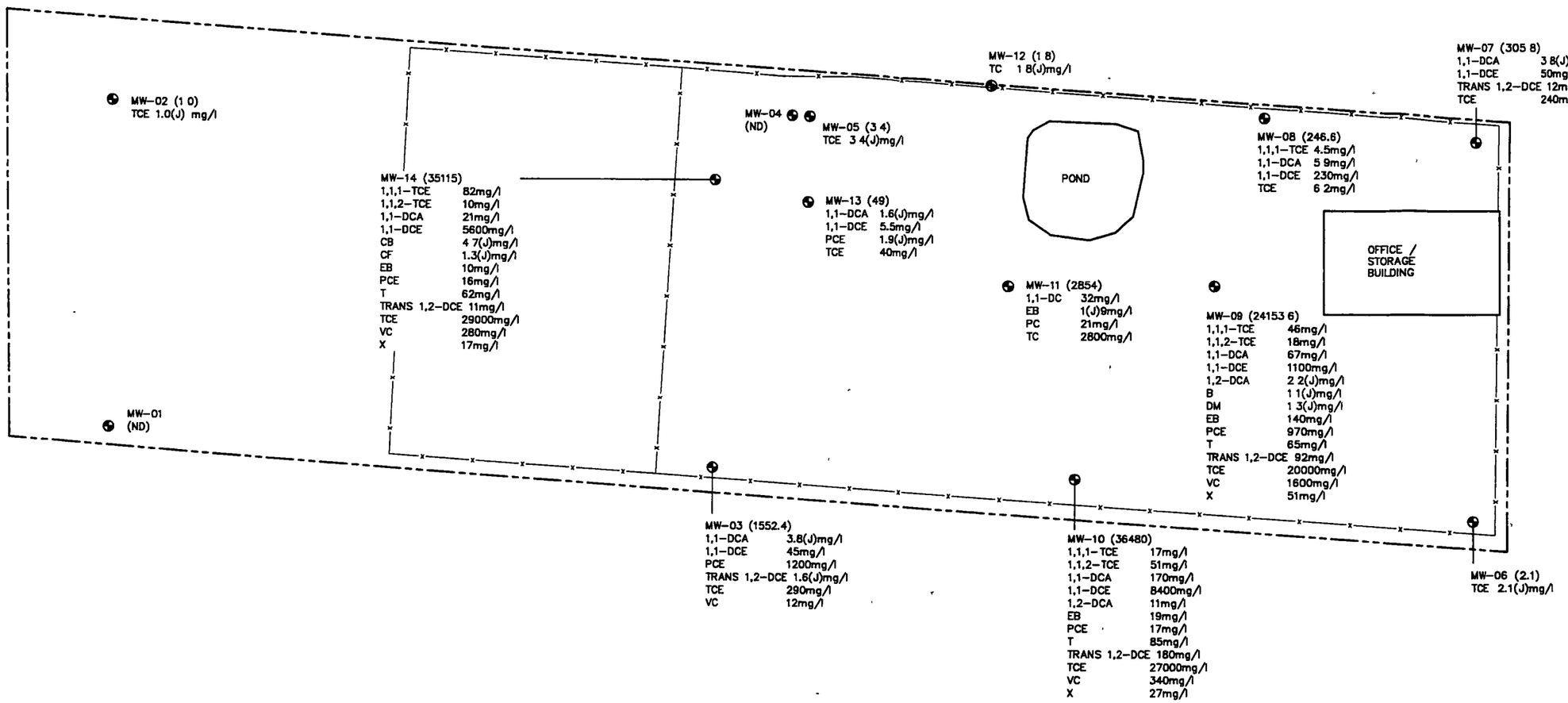
AS SHOWN

063-4800

063-4800-212

FIGURE NUMBER

12



KEY

1,1,1-TCE	1,1,1-TRICHLOROETHANE
1,1,2-TCE	1,1,2-TRICHLOROETHANE
1,1-DCA	1,1-DICHLOROETHANE
1,1-DCE	1,1-DICHLOROETHENE
1,2-DCA	1,2-DICHLOROETHANE
CB	CHLOROBENZENE
CF	CHLOROFORM
B	BENZENE
DM	DICHLOROMETHANE
EB	ETHYLBENZENE
PCE	TETRACHLOROETHENE
T	TOLUENE
TRANS 1,2-DCE	TRANS 1,2-DICHLOROETHENE
TCE	TRICHLOROETHENE
VC	VINYL CHLORIDE
X	XYLENES

LEGEND

——x——x——	FENCELINE
——— — — ———	APPROXIMATE PROPERTY LINE
⊕	MONITORING WELL
(#)	TOTAL VOLATILE ORGANIC COMPOUND CONCENTRATION
(ND)	NON-DETECT
mg/l	MICROGRAMS / LITER
(J)	ESTIMATED

NOTES

1. CONCENTRATIONS IN mg/l.

35 0 35 70
scale feet

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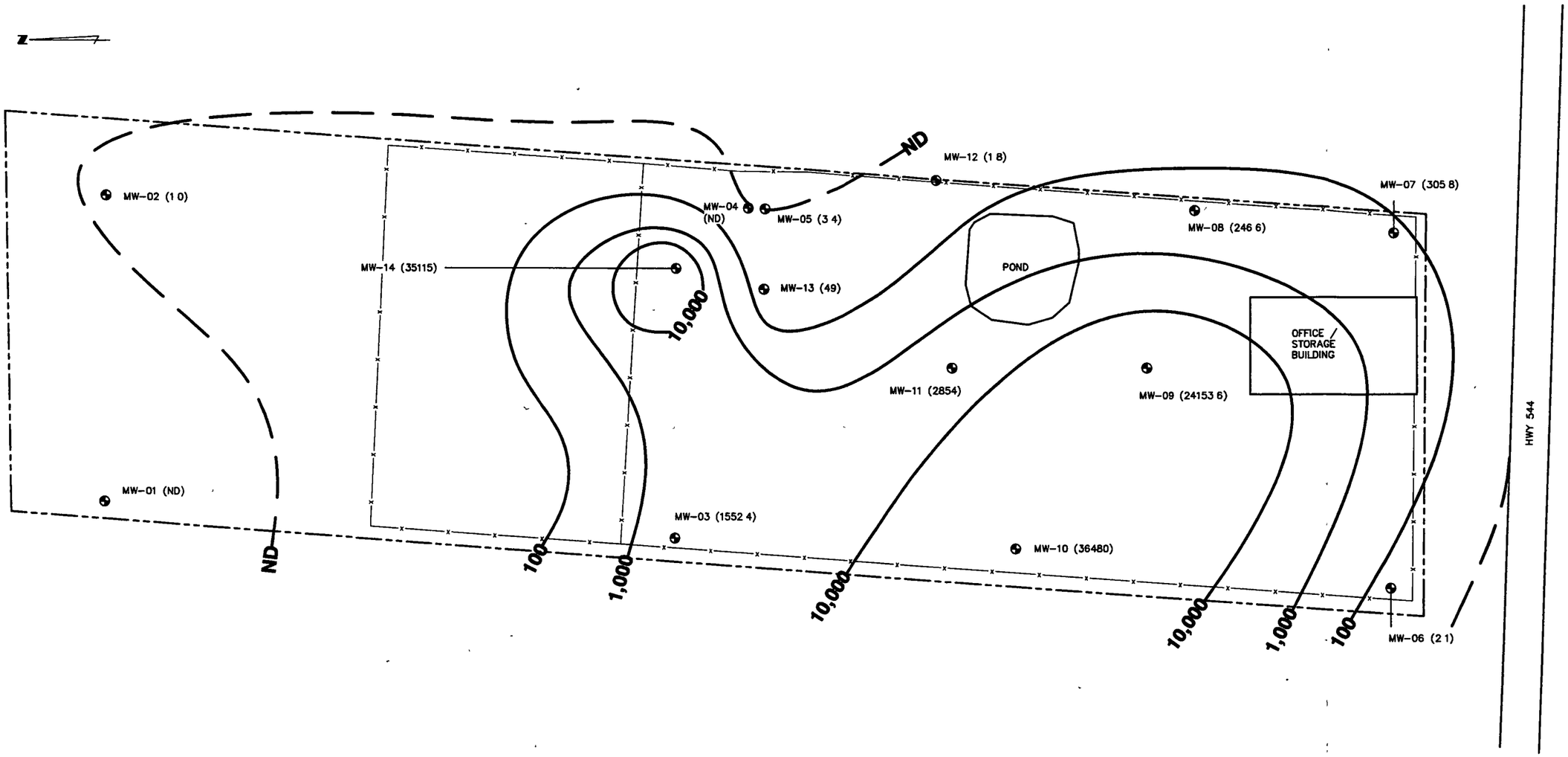
CHEMICAL RECYCLING, INC. SITE
SAMPLING AND ANALYSIS PLAN

CONCENTRATIONS OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
NOV 3 2006 SAMPLING EVENT

DESIGNED ML
DRAWN
CHECKED
DATE DECEMBER 2006
SCALE AS
PROJECT NO. 063-4600
DWG. NO. 063-4600-213

FIGURE NUMBER
13



LEGEND

—x——x—	FENCELINE
— - - —	APPROXIMATE PROPERTY LINE
⊕	MONITORING WELL
(#)	TOTAL VOLATILE ORGANIC COMPOUND CONCENTRATION
(ND)	NON-DETECT
ug/l	MICROGRAMS / LITER

NOTES

1 CONCENTRATIONS IN ug/l.

35 0 35 70
scale feet

REVISED APRIL 16, 2007

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Fax (281) 821-6870

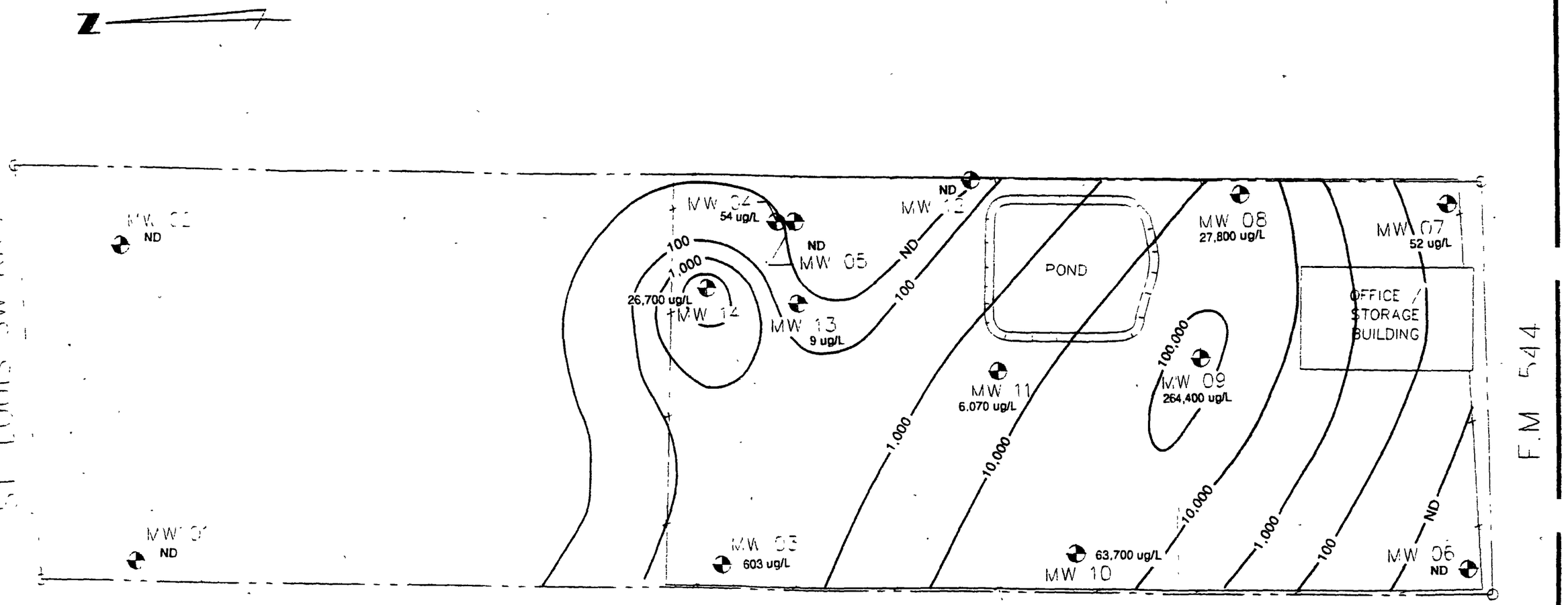
PROJECT: CHEMICAL RECYCLING, INC. SITE SAMPLING AND ANALYSIS PLAN

TITLE: DISTRIBUTIONS OF TOTAL VOLATILE ORGANIC COMPOUNDS NOVEMBER 2 3 SAMPLING EVENT

DRAWN: ML
DATE: APRIL
SCALE: AS
JOB NO. 063-4900
DWG. NO. 063-4900

FIGURE NUMBER

14



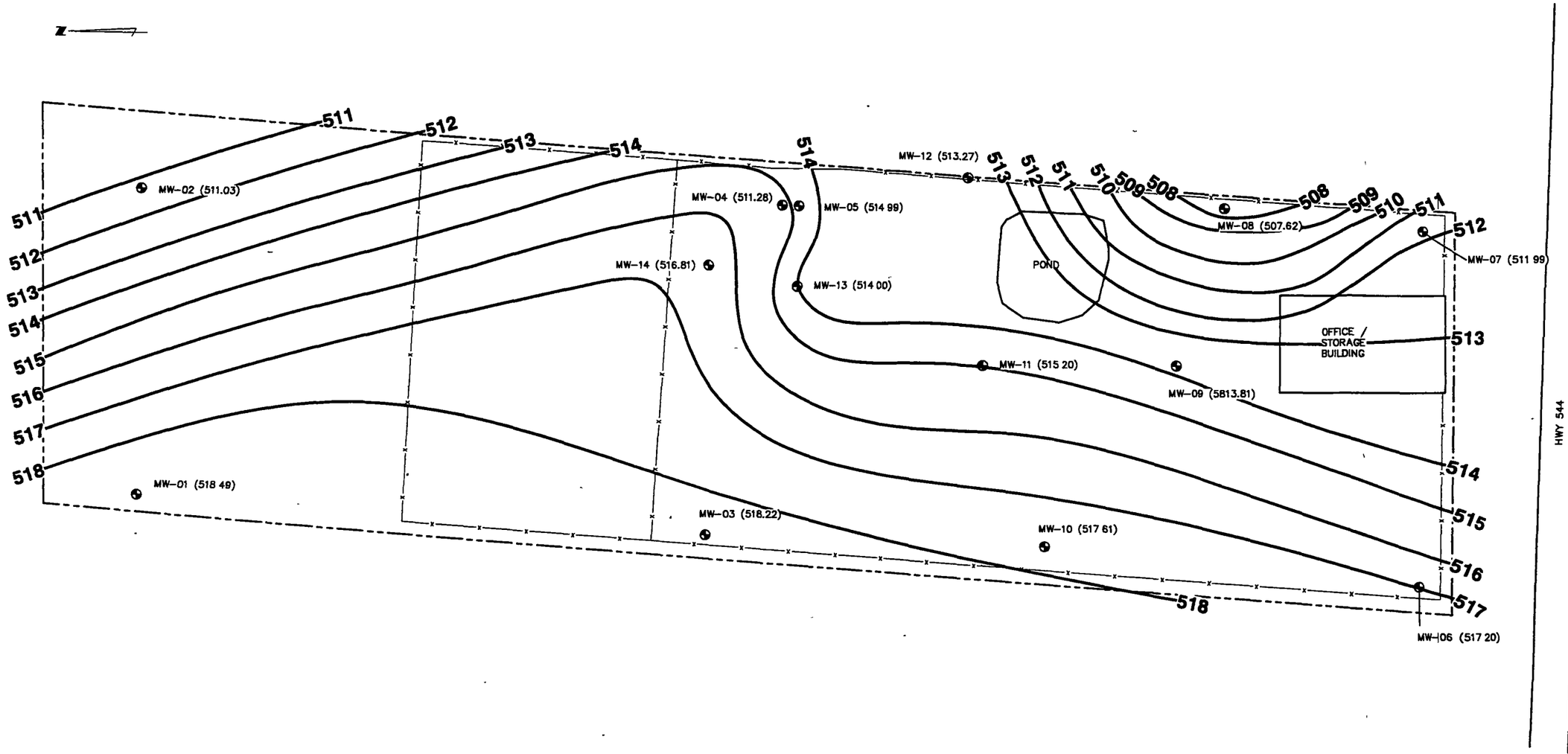
CONCENTRATIONS IN ug/L

Golder Associates Houston, Texas

CLIENT/PROJECT: CHEMICAL RECYCLING, INC.
STEERING COMMITTEE
WYLIE, TX.

TITLE: DISTRIBUTION OF TOTAL VOLATILE ORGANIC COMPOUNDS
PHASE III GROUNDWATER SAMPLES

DRAWN: REH	DATE: AUGUST 1994	JOB NO.: 913-4076.3	
CHECKED: Jaw	SCALE: 1"=60'	DWG NO:	
REVIEWED: MFE	FILE NO:	FIGURE NO: 15	



LEGEND

—x——x—	FENCELINE
— - - —	APPROXIMATE PROPERTY LINE
⊕	MONITORING WELL
(#)	WATER LEVEL ELEVATION (MSL)

NOTES

1 CONTOUR INTERVAL = 1 FOOT

35 0 35 70
scale feet

Golder Associates
500 Century Plaza Drive, Suite 190
Houston, Texas USA 77073
Tel (281) 821-6888
Fax (281) 821-6870

CHEMICAL RECYCLING, INC. SITE
SAMPLING AND ANALYSIS PLAN

GRAOUNDWATER ELEVATIONS BASED ON
WATERLEVEL MEASUREMENTS
TAKEN DECE 1 15, 2006

DECEMBER
AS SHOWN
063-4800
063-4800-216

FIGURE NUMBER
16

Photograph 1. SB72-06 – topsoil, gravel, trace of blue print chips (11/15/06).

Photograph 2. SB-78-06 still bottoms and topsoil (11/15/06).

Photograph 3. SB83-06 still bottoms and topsoil (11/15/06).

Photograph 4. SB65-06 still bottoms (0-4") (11/15/06).

Photograph 5. Between SB81 and SB60 – isolated still bottoms and gravel (11/18/06).

Photograph 6. Adjacent to SB54 – isolated still bottoms and gravel (11/18/06).

Photograph 7. SB64 – piece of still bottom (11/18/06).

Photograph 8. SB04 – gravel and still bottoms (11/18/06).

Photograph 9. SB85 – weathered still bottom and gravel (11/18/16).

Photograph 10. SB09 – weathered still bottom and gravel (11/18/16).

Photograph 11. MW4 and MW5 – note shift in well pads (11/18/16).

Photograph 12. MW06, State Route 544 (11/18/06).

Appendix B

Banks Information Solutions, Inc.

Water Well Report™

Thursday, October 12, 2006

CLIENT
GOLDER ASSOCIATES, INC.
500 Century Plaza Drive
Suite 190
Houston, TX 77073

SITE
Chemical Recycling, Inc.
802 Kirby
Wylie, TX
PO #: 063-4900
BISMap #: 101206-132

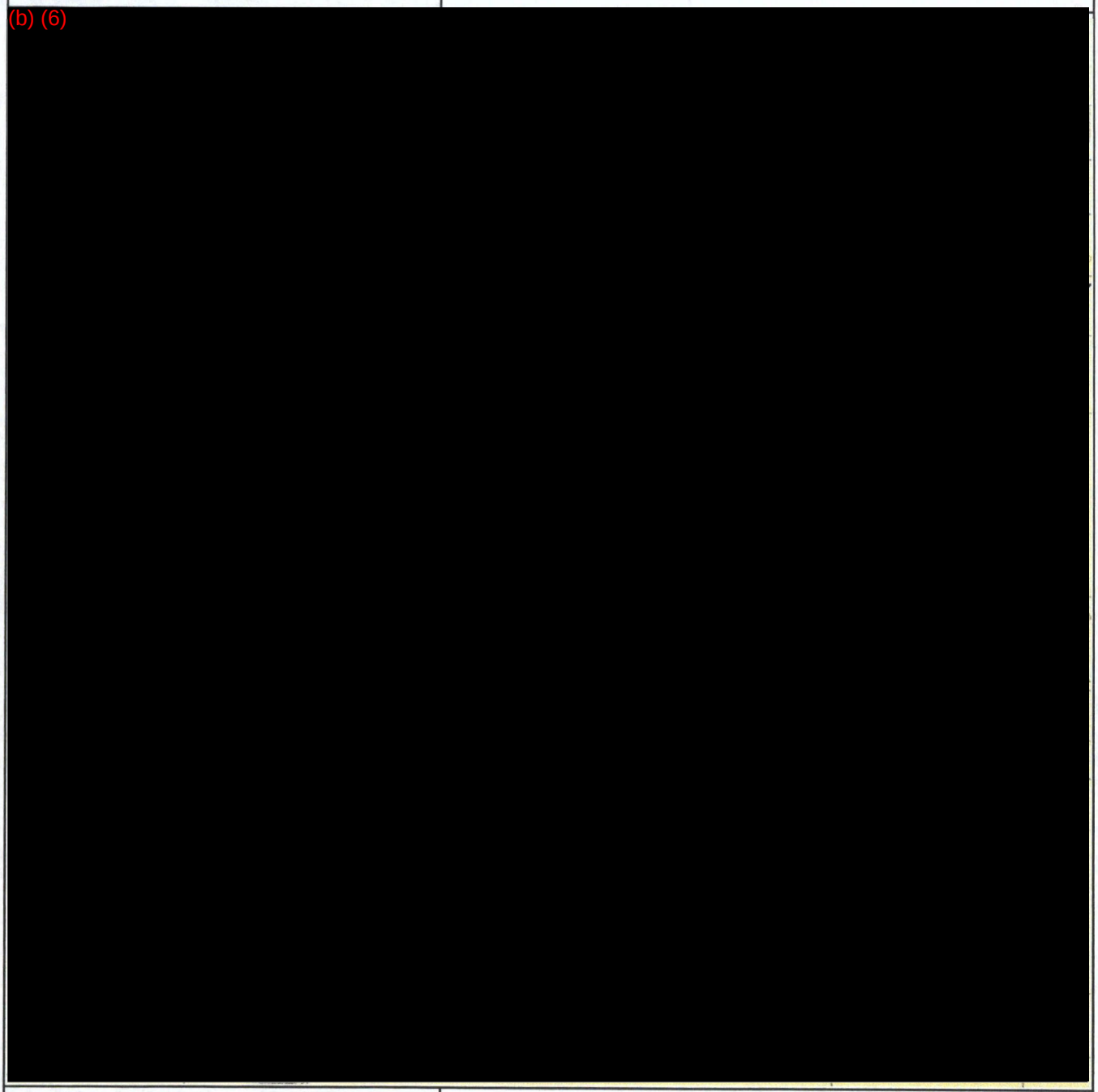
1601 Rio Grande Suite 500 Austin, Texas 78701
PH 512.478.0059 FAX 512.478.1433 E-mail banks banksinfo.com

Banks Information Solutions, Inc.

Water Well Report™

Map of Wells within 0.5 Mile(s)

(b) (6)



Site	Park	County
Well	School	State
Cluster	Cemetary	Urban Area
Limited Access Hwy	Building	Open Space
Primary Highway	Railroad	Educational/Religious
Secondary Highway	Church	Water Bodies
Roads	Trail	Multihousehold
Hospital	Bridge	Military
Airport	Tower	Custodial Facility

One inch = 0.2 miles

Chemical Recycling, Inc.

Banks Information Solutions, Inc.
1601 Rio Grande Suite 500 Austin, Texas 78701
PH 512-478-0059 FAX 512-478-1433
E-Mail: banks@banksinfo.com

N

Banks Information Solutions, Inc.

Water Well Report™

DETAILS

Map #	State ID	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Driller's Log
1	(b) (9)	(b) (6)	(b) (9)					View

1601 Rio Grande Suite 500 Austin, Texas 78701
PH 512.478.0059 FAX 512.478.1433 E-mail banks@banksinfo.com

(b) (9)

2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections; center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2 of the TDWR-0382 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

(b) (9)

[redacted]

APR 11 '79

CR/TDWR

Banks Information Solutions, Inc.

Water Well Report™

DISCLAIMER

Water Well Report Research Mapping ™
The Banks Information Solutions, Inc Water Well Report™ is prepared from existing state water well databases and additional file data/records research conducted at Texas' regulatory authorities Submission of driller's log records upon completion of a drilled water well became mandatory in 1985 The state of Texas has processed these records into several different filing systems within two state regulatory authorities. The water well files, records and map locations are maintained by the Texas Commission on Environmental Quality (TCEQ) and the Texas Water Development Board (TWDB) Actual water well site locations of this report are geocoded and geoplotted directly from the drilling records, drilling schedules, and driller's logs and maps submitted by the water well driller and maintained at these two primary water well regulatory authorities Below is a description of the filing systems utilized for well drilling records.

Texas Water Development Board (TWDB)
The Texas Water Development Board maintains two datasets of located water well records

TWDB Groundwater Data-These well files are water well site locations that have been verified with a field inventory inspection by TWDB personnel The wells are assigned a State Identification Number unique to that well (ex 65-03-401) and plotted on county base maps, U S G S 7 5 minute topographical quadrangle maps, as well as in-house and on line geographic information systems Records may also include analytical data attached with each drilling record

TWDB Submitted Drillers Reports- A Database created from the online Texas Well Report Submission and Retrieval System (A cooperative TDLR, TWDB system) that registered water-well drillers use to submit their required reports Reports that drillers submit by mail are geoplotted/geocoded by a TWDB staff member. These wells are assigned a unique tracking number by the Texas Well Report Submission and Retrieval System This system was introduced in February 2001 as an option for drillers to use, and will be mandatory in the future

Texas Commission on Environmental Quality

The Texas Commission on Environmental Quality (TCEQ) maintains two datasets of water well records

Water Utility Database (WUD) – This database contains a collection of data from Texas Water Districts, Public Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ These wells are assigned unique numbers with correlate to the Public Water System they act as a source for (example- S2200199A, G2200322A) The WUD does not contain Drillers Reports or analytical data This data was provided to Banks in digital format

TCEQ Central Records-Several different types of Driller's Reports are filed with TCEQ Central Records according to the State Grid Number.

Plotted water well files are water well site locations that have been determined from map information submitted on water well logs and subsequently plotted on TWDB county highway base maps. The accuracy and location of these wells is relative to the information provided on the drillers report TWDB assigned letters to the correlating grid number to identify these wells (example – 65-59-1A) In some instances, a single well number can represent more than one well location This type of mapping and filing procedure ceased in June 1986

Partially numbered water wells -Well Reports that were provided a State Identification Number by the TWDB which establishes the well location somewhere within a 2.5 minute quadrant of a 7 5 minute quadrangle map This method was the standard procedure from 1986 through 1991. From 1991 to the 2001, Texas Well Reports contain a grid location box, where drillers are provided a place to mark an X where within the 2.5 minute quadrant is located These locations have not been verified by the state.

Unnumbered water well files are water well site locations that have been processed since June 1990 These well records are filed solely on their county location and are not provided a State Identifiation Number nor are they mapped

Disclaimer
Banks Information Solutions, Inc has performed a thorough and diligent search of all wells recorded with the Texas Water Development Board and the Texas Commission on Environmental Quality. All mapped locations are based on information obtained from the TWDB and the TCEQ Although Banks performs quality assurance and quality control on all research projects, we recognize that any inaccuracies of the records and mapped well locations could possibly be traced to the appropriate regulatory authority or the water well driller Many water well schedules may have never been submitted to the regulatory authority by the water well driller and, thus, may explain the possible unaccountability of private drilled wells It is uncertain if the above listing provides 100% of the existing well locations within the area of review. Therefore, Banks Information Solutions, Inc cannot gaurantee the accuracy of the data or well location(s) of those maps and records maintained by Texas' regulatory authorities

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Appendix C

Shields and Lee Surveyors,
Dallas, Texas 75225
214 942-8496

12/29/2006

COORDINATE ARE
STATE PLANE COORDINATE 1983
TEXAS NORTH CENTRAL ZONE

ELEVATIONS ARE
NAVD 88
DERIVED FROM
CORS TXCO

STATION	NORTHYING (Y)	EASTING (X)	ELEVATION
MW 01	7,055,887 65	2,566,265.28	530 33
MW 02	7,055,888 65	2,566,448 19	528 68
MW 03	7,055,537.74	2,566,244 30	528.74
MW 04	7,055,494 80	2,566,440 94	523.90
MW 05	7,055,485 01	2,566,440 94	523 36
MW 06	7,055,095 13	2,566,215 72	527.34
MW 07	7,055,095.98	2,566,427 24	521.72
MW 08	7,055,228 41	2,566,436 38	522.15
MW 09	7,055,252 51	2,566,341 35	523 99
MW 10	7,055,329 58	2,566,230.47	527 70
MW 11	7,055,374 63	2,566,335 80	525 47
MW 12	7,055,389.47	2,566,447 51	523.39
MW 13	7,055,494 36	2,566,377.43	524 77
MW 14	7,055,549.22	2,566,386 66	524 79
SB 01	7,055,422.85	2,566,358 03	522.95
SB 02	7,055,469.05	2,566,378.37	521 48
SB 03	7,055,519.38	2,566,382 23	521 73
SB 04	7,055,571 21	2,566,385 92	522 09
SB 05	7,055,620.45	2,566,389.89	522.05
SB 06	7,055,669 92	2,566,392 93	522 52
SB 07	7,055,697 31	2,566,402 89	522 82
SB 08	7,055,696 50	2,566,441.06	522.98
SB 09	7,055,701.51	2,566,364 09	523.14
SB 10	7,055,695 58	2,566,451 55	523 73
SB 11	7,055,687.07	2,566,439.57	523 07
SB 12	7,055,706.57	2,566,441 18	523.64
SB 13	7,055,686 92	2,566,402.49	522 40
SB 14	7,055,707.09	2,566,404.66	523 25
SB 15	7,055,668.87	2,566,402.81	522 16
SB 16	7,055,670.29	2,566,382.27	522 63
SB 17	7,055,689 08	2,566,363 88	523 33
SB 18	7,055,709 81	2,566,364.93	524 15
SB 19	7,055,688.99	2,566,323 32	523 62
SB 20	7,055,699 39	2,566,311.68	524 60
SB 21	7,055,710.63	2,566,324.73	523 85
SB 22	7,055,619 69	2,566,400.00	521.70
SB 23	7,055,621.61	2,566,378.60	522.22
SB 24	7,055,571.01	2,566,396.35	522 08

SB 25	7,055,572.44	2,566,375 67	522.66
SB 26	7,055,518.12	2,566,391 21	521 66
SB 27	7,055,520 38	2,566,372 61	522 66
SB 28	7,055,467 42	2,566,389.01	521 61
SB 29	7,055,470 67	2,566,368 80	522.48
SB 30	7,055,421.92	2,566,370.53	521 69
SB 31	7,055,412.90	2,566,353 23	523.17
SB 32	7,055,423.11	2,566,347.99	523.34
SB 33	7,055,119.54	2,566,221.56	523 96
SB 34	7,055,129.15	2,566,231.89	523 75
SB 35	7,055,129 31	2,566,212 38	523 95
SB 36	7,055,177 19	2,566,238 05	523.72
SB 37	7,055,177.99	2,566,217 79	524 04
SB 38	7,055,225 30	2,566,241 08	523.92
SB 39	7,055,227.06	2,566,221 21	524 35
SB 40	7,055,277 64	2,566,244 15	524.20
SB 41	7,055,278.12	2,566,224 94	524 53
SB 42	7,055,326 74	2,566,246.95	524 50
SB 43	7,055,328 81	2,566,227 79	524.96
SB 44	7,055,376 24	2,566,250.24	524 56
SB 46	7,055,427 41	2,566,254 01	524.90
SB 47	7,055,429.12	2,566,233 68	525.19
SB 48	7,055,476 97	2,566,255 78	525.05
SB 48	7,055,377 70	2,566,230 65	525 13
SB 49	7,055,477 43	2,566,236 15	525 45
SB 50	7,055,526 57	2,566,260 14	525 28
SB 51	7,055,527 17	2,566,239 66	525.65
SB 52	7,055,576 50	2,566,262 20	525 92
SB 52	7,055,675.42	2,566,249 69	526 87
SB 53	7,055,576.30	2,566,242 32	525.80
SB 54	7,055,623 87	2,566,266.94	526 07
SB 55	7,055,625.74	2,566,246 50	526 44
SB 56	7,055,673 36	2,566,269.29	526 40
SB 58	7,055,726.06	2,566,272.24	526.31
SB 59	7,055,725 86	2,566,251.75	526.99
SB 60	7,055,774 88	2,566,274.49	526 39
SB 61	7,055,775 33	2,566,255 61	526 77
SB 62	7,055,827 05	2,566,276.38	526 58
SB 63	7,055,829.27	2,566,257 54	527 00
SB 64	7,055,873.77	2,566,281 89	526.78
SB 65	7,055,875.44	2,566,261.66	527.07
SB 66	7,055,925.59	2,566,283.55	527.12
SB 67	7,055,926 10	2,566,263.67	527.32
SB 68	7,055,936.77	2,566,273.28	526.44
SB 69	7,055,177.72	2,566,228 20	524 00
SB 70	7,055,226.45	2,566,231 14	524.24
SB 71	7,055,277 56	2,566,233 95	524 40
SB 72	7,055,326.43	2,566,237.36	524 62
SB 73	7,055,377 01	2,566,240.18	524 85
SB 74	7,055,428 00	2,566,243.66	524 97
SB 75	7,055,477.09	2,566,246.13	525.25
SB 76	7,055,527 52	2,566,250.92	525 48

SB 77	7,055,576 34	2,566,252 68	525.86
SB 78	7,055,625.28	2,566,256 48	526 25
SB 79	7,055,675 26	2,566,258.97	526 92
SB 80	7,055,726.56	2,566,260.97	526 79
SB 81	7,055,775.00	2,566,265 13	526.74
SB 82	7,055,827.22	2,566,266 80	526 74
SB 83	7,055,874.48	2,566,271 39	526 96
SB 84	7,055,925.73	2,566,273 52	527.22
SB 85	7,055,699 50	2,566,323 49	523 90
SB 89	7,055,129 39	2,566,222 03	523.99

Appendix D

CHEMICAL RECYCLING INC. SITE
SOIL BORING LOGS

Sample ID	Sample Date	Depth (inches)	Analyses	Head Space (ppm)	Description
SB-01	14-Nov-06	6	M	5.2	0 to 10" loose brown Silty Clay some gravel
		12	M	3.4	10 to 24" Dark gray, hard Clay
		18	M, V	3.2	
		24	**M,V**	1 9	
SB-02	14-Nov-06	6	M	0	0 to 8" loose brown Silt and gravel
					8 to 24" Dark gray, hard Clay
		12	M	0	
		18	M, V	0	
		24	**M,V**	0	
SB-03	14-Nov-06	6	M	0	0 to 6" loose brown top soil little gravel
		12	M	0.2	6 to 24" Dark gray, hard Clay
		18	M, V	0 1	
		24	**M,V**	0	
SB-04	14-Nov-06	6	M	0 4	0 to 10" loose brown Sity Clay and gravel
		12	M	0 2	10 to 24" Dark gray, hard Clay
		18	M, V	0 2	
		24	**M,V**	0.2	
SB-05	14-Nov-06	6	M	0 5	0 to 8" loose brown top soil little gravel
		12	M	0	8 to 24" Dark gray, hard Clay
		18	M, V	0.2	
		24	**M,V**	0.2	
SB-06	14-Nov-06	6	M	0 5	0 to 6" loose brown Sity Clay and gravel
		12	M	0 7	6 to 24" Dark gray, hard Clay
		18	M, V	0.5	
		24	**M,V**	0.3	
SB-07	14-Nov-06	6	M	1.4	0 to 6" loose brown Sity Clay and gravel, trace sand
		12	M	0 8	6 to 24" Dark gray, hard Clay
		18	M, V	0.4	
		24	**M,V**	0.4	

CHEMICAL RECYCLING INC. SITE
SOIL BORING LOGS

Sample ID	Sample Date	Depth (inches)	Analyses	Head Space (ppm)	Description
SB-08	14-Nov-06	6	M	0	0 to 4" loose brown Sity Clay
		12	M	0 6	4 to 24" Dark gray, hard Clay
		18	M, V	0	
		24	**M,V**	0	
SB-09	14-Nov-06	6	M	1.2	0 to 2" still bottoms and gravel 2 to 4" gravel and topsoil
		12	M	0.8	4 to 24" Dark gray, hard Clay
		18	M, V	0 9	
		24	**M,V**	0 8	
SB-10	14-Nov-06	6	M	0	0 to 8" stiff gray Clay 8 to 12" Hard gray Clay
		12	**M**	0	
SB-11	14-Nov-06	6	M	0.5	0 to 6" brown clay, some roots 6 to 12" Hard gray Clay
		12	**M**	0 4	
SB-12	14-Nov-06	6	M	0 4	0 to 6" Top soil 6 to 12" Hard gray Clay
		12	**M**	0 4	
SB-13	14-Nov-06	6	M	0 4	0 to 5" gravel and top soil 5 to 12" Hard gray Clay, trace gravel
		12	**M**	0.3	and calc. nodules
SB-14	14-Nov-06	6	M	0	0 to 5" gravel and top soil 5 to 12" Hard gray Clay
		12	**M**	0	
SB-15	14-Nov-06	6	M	0	0 to 5" gravel and top soil 5 to 12" Hard gray Clay
		12	**M**	0	
SB-16	14-Nov-06	6	M	0	0 to 7" Stiff tan Clay 7 to 12" Hard gray Clay
		12	**M**	0	
SB-17	14-Nov-06	6	M	0 3	0 to 6" Stiff tan Clay and topsoil 6 to 12" Hard gray Clay
		12	**M**	0	
SB-18	14-Nov-06	6	M	0.2	0 to 4" topsoil 4 to 12" Hard gray Clay
		12	**M**	0 2	
SB-19	14-Nov-06	6	M	0 3	0 to 3" topsoil 3 to 12" Hard gray Clay, trace
		12	**M**	0 4	calc nodules
SB-20	14-Nov-06	6	M	0 7	0 to 4" topsoil 4 to 12" Hard gray Clay
		12	**M**	0 5	
SB-21	14-Nov-06	6	M	0 2	0 to 4" Gravel and topsoil 4 to 12" Hard gray Clay

CHEMICAL RECYCLING INC. SITE
SOIL BORING LOGS

Sample ID	Sample Date	Depth (inches)	Analyses	Head Space (ppm)	Description
		12	M	0.2	
SB-22	14-Nov-06	6	M	0	0 to 4" topsoil
					4 to 12" Hard gray Clay
		12	M	0	
SB-23	14-Nov-06	6	M	0.3	0 to 4" topsoil
					4 to 12" Hard gray Clay
		12	M	0 3	
SB-24	14-Nov-06	6	M	0 4	0 to 4" topsoil
					4 to 8" gray fine sand
		12	M	0.3	8 to 12" Hard gray Clay
SB-25	14-Nov-06	6	M	0.3	0 to 2" Topsoil
					2 to 12" Hard gray Clay
		12	M	0 2	
SB-26	14-Nov-06	6	M	0	0 to 3" topsoil
					3 to 12" Hard gray Clay
		12	M	0	
SB-27	14-Nov-06	6	M	0.2	0 to 1" Topsoil
					1 to 12" Hard gray Clay
		12	M	0 2	
SB-28	14-Nov-06	6	M	0.7	0 to 5" Topsoil, trace gravel
					5 to 12" Hard gray Clay, trace
		12	M	0 1	calc. nodules
SB-29	14-Nov-06	6	M	0.2	0 to 8" Topsoil and gravel
					8 to 12" Hard gray Clay and gravel
		12	M	0 2	
SB-30	14-Nov-06	6	M	0 2	0 to 9" Silty Topsoil and gravel
					9 to 12" Hard gray Clay, some
		12	M	0.1	calc nodules
SB-31	14-Nov-06	6	M	0.3	0 to 12" Sandy Silty Topsoil and gravel
		12	M	0 2	
SB-32	14-Nov-06	6	M	0 4	0 to 5" Sandy silt,Topsoil and gravel
					5 to 12" Hard gray Clay
		12	M	0.3	
SB-33	14-Nov-06	6	M	0 3	0 to 2" Stiff Clay some calc nodules
					2 to 12" Hard gray Clay
		12	M	0.2	
SB-34	14-Nov-06	6	M	0 2	0 to 2" Clay,Topsoil, trace gravel
					2 to 12" Hard gray Clay
		12	M	0.2	
SB-35	14-Nov-06	6	M	0.3	0 to 4" Clay topsoil
					4 to 12" Hard gray Clay
		12	M	0 3	
SB-36	14-Nov-06	6	M	0	0 to 6" Clay topsoil
					6 to 12" Hard gray Clay
		12	M	0 3	
SB-37	14-Nov-06	6	M	0.2	0 to 6" Clay topsoil
					6 to 12" Hard gray Clay
		12	M	0 1	

CHEMICAL RECYCLING INC. SITE
SOIL BORING LOGS

Sample ID	Sample Date	Depth (inches)	Analyses	Head Space (ppm)	Description
SB-38	14-Nov-06	6	M	0	0 to 6" Clay topsoil
					6 to 12" Hard gray Clay
		12	M	0 4	
SB-39	14-Nov-06	6	M	0 1	0 to 4" Clay topsoil
					4 to 12" Hard gray Clay
		12	M	0 6	
SB-40	14-Nov-06	6	M	0.5	0 to 4" Clay topsoil
					4 to 12" Hard gray Clay
		12	M	0.2	(Trace blue paint chips at 6 to 8")
SB-41	14-Nov-06	6	M	0 3	0 to 3" Clay topsoil
					3 to 12" Hard gray Clay
		12	M	0.2	
SB-42	15-Nov-06	6	M	0	0 to 2" Clay topsoil, trace gravel
					2 to 12" Hard gray Clay
		12	M	0	
SB-43	15-Nov-06	6	M	0.1	0 to 2" Clay topsoil and still bottoms
					2 to 12" Hard gray Clay
		12	M	0	
SB-44	15-Nov-06	6	M	0	0 to 5" Clay topsoil
					5 to 12" Hard gray Clay
		12	M	0	
SB-45	15-Nov-06	6	M	0	0 to 4" Clay topsoil
					4 to 12" Hard gray Clay
		12	M	0	
SB-46	15-Nov-06	6	M	0 1	0 to 2" Clay topsoil
					2 to 12" Hard gray Clay
		12	M	0	
SB-47	15-Nov-06	6	M	0	0 to 2" Clay topsoil
					2 to 12" Hard gray Clay
		12	M	0	
SB-48	15-Nov-06	6	M	0 3	0 to 2" Clay topsoil
					2 to 12" Hard gray Clay
		12	M	0 2	
SB-49	15-Nov-06	6	M	2.8	0 to 2" Clay topsoil
					2 to 12" Hard gray Clay
		12	M	1 8	
SB-50	15-Nov-06	6	M	0 4	0 to 6" Clay topsoil, trace still bottoms
					6 to 12" Hard gray Clay
		12	M	0 3	
SB-51	15-Nov-06	6	M	0.4	0 to 12" Hard gray Clay
		12	M	0.5	
SB-52	15-Nov-06	6	M	0 2	0 to 2" Clay topsoil
					2 to 12" Hard gray Clay
		12	M	0 1	
SB-53	15-Nov-06	6	M	0.2	0 to 3" Clay topsoil, trace gravel
					3 to 12" Hard gray Clay
		12	M	0.1	
SB-54	15-Nov-06	6	M	0	0 to 3" Clay topsoil, some still bottoms

CHEMICAL RECYCLING INC. SITE
SOIL BORING LOGS

Sample ID	Sample Date	Depth (inches)	Analyses	Head Space (ppm)	Description
					3 to 12" Hard gray Clay
		12	**M**	0	
SB-55	15-Nov-06	6	M	0	0 to 2" Clay topsoil, trace gravel
					2 to 12" Hard gray Clay
		12	**M**	0	
SB-56	15-Nov-06	6	M	0	0 to 1" Clay topsoil
					1 to 12" Hard gray Clay
		12	**M**	0	
SB-57	15-Nov-06	6	M	0	0 to 3" Clay topsoil, trace gravel
					3 to 12" Hard gray Clay
		12	**M**	0	
SB-58	15-Nov-06	6	M	0	0 to 4" Clay topsoil
					4 to 12" Hard gray Clay
		12	**M**	0	
SB-59	15-Nov-06	6	M	0 1	0 to 4" Clay topsoil, trace gravel
					4 to 12" Hard gray Clay
		12	**M**	0.5	
SB-60	15-Nov-06	6	M	0 1	0 to 1" Clay topsoil
					1 to 12" Hard gray Clay
		12	**M**	0	
SB-61	15-Nov-06	6	M	0	0 to 1" Clay topsoil
					1 to 12" Hard gray Clay
		12	**M**	0	
SB-62	15-Nov-06	6	M	0	0 to 6" Clay topsoil
					6 to 12" Hard gray Clay
		12	**M**	0 3	
SB-63	15-Nov-06	6	M	2 9	0 to 4" Clay topsoil
					4 to 12" Hard gray Clay
		12	**M**	2 3	
SB-64	15-Nov-06	6	M	0.7	0 to 4" Still Bottoms
					4 to 12" Hard gray Clay
		12	**M**	0.4	
SB-65	15-Nov-06	6	M	3	0 to 4" Still Bottoms
					4 to 12" Hard gray Clay
		12	**M**	1 7	
SB-66	15-Nov-06	6	M	0.7	0 to 6" Clay topsoil
					6 to 12" Hard gray Clay
		12	**M**	0	
SB-67	15-Nov-06	6	M	0 1	0 to 2" Clay topsoil, trace gravel, trace still bottoms
		12	**M**	0	2 to 12" Hard gray Clay
SB-68	15-Nov-06	6	M	0 2	0 to 2" Clay topsoil
					2 to 12" Hard gray Clay
		12	**M**	0	
SB-69	15-Nov-06	6	M	0 2	0 to 2" Topsoil
		12	M	0 1	2 to 24" Dark gray, hard Clay
		18	M, V	0	

CHEMICAL RECYCLING INC. SITE
SOIL BORING LOGS

Sample ID	Sample Date	Depth (inches)	Analyses	Head Space (ppm)	Description
		24	**M,V**	0	
SB-70	15-Nov-06	6	M	0	0 to 4" Topsoil, trace still bottoms
		12	M	0 1	4 to 24" Dark gray, hard Clay
		18	M, V	0 1	
		24	**M,V**	0.1	
SB-71	15-Nov-06	6	M	0.3	0 to 6" Topsoil, trace still bottoms
		12	M	0	6 to 24" Dark gray, hard Clay
		18	M, V	0	
		24	**M,V**	0	
SB-72	15-Nov-06	6	M	0.1	0 to 6" Topsoil and gravel, trace blue paint chips
		12	M	0	6 to 24" Dark gray, hard Clay
		18	M, V	0	
		24	**M,V**	0	
SB-73	15-Nov-06	6	M	0 3	0 to 4" Topsoil, trace gravel
		12	M	0	6 to 24" Dark gray, hard Clay
		18	M, V	0	
		24	**M,V**	0	
SB-74	15-Nov-06	6	M	0.2	0 to 2" Topsoil
		12	M	0 1	2 to 24" Dark gray, hard Clay
		18	M, V	0 1	
		24	**M,V**	0	
SB-75	15-Nov-06	6	M	0	0 to 1" Topsoil
		12	M	0	1 to 24" Dark gray, hard Clay
		18	M, V	0	
		24	**M,V**	0	
SB-76	15-Nov-06	6	M	0.1	0 to 2" Topsoil
		12	M	0	2 to 24" Dark gray, hard Clay
		18	M, V	0	

CHEMICAL RECYCLING INC. SITE
SOIL BORING LOGS

Sample ID	Sample Date	Depth (inches)	Analyses	Head Space (ppm)	Description
		24	**M,V**	0	
SB-77	15-Nov-06	6	M	0 1	0 to 6" Topsoil, trace gravel, trace still bottoms
		12	M	0	6 to 24" Dark gray, hard Clay
		18	M, V	0	
		24	**M,V**	0	
SB-78	15-Nov-06	6	M	0.2	0 to 6" Topsoil and still bottoms
		12	M	0	6 to 24" Dark gray, hard Clay
		18	M, V	0	
		24	**M,V**	0	
SB-79	15-Nov-06	6	M	0 3	0 to 1" Topsoil, trace roots
		12	M	0	1 to 24" Dark gray, hard Clay
		18	M, V	0	
		24	**M,V**	0	
SB-80	16-Nov-06	6	M	0	0 to 2" Topsoil and gravel
		12	M	0 1	2 to 24" Dark gray, hard Clay
		18	M, V	0	
		24	**M,V**	0	
SB-81	16-Nov-06	6	M	0 4	0 to 4" Topsoil, some gravel, some still bottoms
		12	M	0.3	4 to 24" Dark gray, hard Clay
		18	M, V	0	
		24	**M,V**	0	
SB-82	16-Nov-06	6	M	0	0 to 3" Topsoil, some gravel
		12	M	0.1	3 to 24" Dark gray, hard Clay
		18	M, V	0	
		24	**M,V**	0	
SB-83	16-Nov-06	6	M	0.5	0 to 6" Topsoil and still bottoms
		12	M	0.7	6 to 24" Dark gray, hard Clay, trace gypsum
		18	M, V	0.4	

CHEMICAL RECYCLING INC. SITE
SOIL BORING LOGS

Sample ID	Sample Date	Depth (inches)	Analyses	Head Space (ppm)	Description
		24	**M,V**	0.4	
SB-84	16-Nov-06	6	M	0.5	0 to 7" Topsoil, trace gravel
		12	M	0 3	7 to 24" Dark gray, hard Clay, trace gypsum
		18	M, V	1.1	
		24	**M,V**	0 7	
SB-85	16-Nov-06	6	M	1 4	0 to 7" Topsoil, some still bottoms, some gravel
		12	M	1 7	7 to 24" Dark gray, hard Clay
		18	M, V	0 8	
		24	**M,V**	0 4	
SB-86	24-Nov-06	6	M	0	0 to 2" Topsoil
		12	M	0	2 to 24" Dark gray, hard Clay
		18	M, V	0	
		24	**M,V**	0	

M = Metals
V = Volatile Organic Compounds

Golder Associates, Inc.

CRI Superfund

Work Order 0611269

The total number of pages in this document is _____

TABLE OF CONTENTS
Work Order 0611269

- TRRP Laboratory Data Package Cover Sheet
- TRRP Checklist
- Sample Summary Table
- Chain of Custody and Sample Receipt Checklist
- Analytical Report
- QC Batch Summary Report
- MDLs and MQLs
- Volatiles Raw Data
- Metals Raw Data
- Mercury Raw Data
- Moisture Raw Data

e-Lab Analytical, Inc. **Date:** *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**TRRP Laboratory Data Package Cover Page**
Project:	CRI-Superfund Wiley, Texas	
Work Order:	0611269	

This data package consists of all or some of the following as applicable:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation:

R2 Sample identification cross-reference

R3 Test reports (analytical data sheets) for each environmental sample that includes:
- a) Items consistent with NELAC 5.13 or ISO/IEC 17025 Section 5.10
- b) dilution factors,
- c) preparation methods,
- d) cleanup methods, and
- e) if required for the project, tentatively identified compounds (TICs).

R4 Surrogate recovery data including:
- a) Calculated recovery (%R), and
- b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms for laboratory control samples (LCSs) including:
- a) LCS spiking amounts,
- b) Calculated %R for each analyte, and
- c)The laboratory's LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
- a) Samples associated with the MS/MSD clearly identified,
- b) MS/MSD spiking amounts,
- c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
- d) Calculated %Rs and relative percent differences (RPDs), and
- e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) recovery and precision:
- a) the amount of analyte measured in the duplicate,
- b) the calculated RPD, and
- c) the laboratory's QC limits for analytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;?

R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release Statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exception reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratory in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, if applicable: [NA] This laboratory is an in-house laboratory controlled by the person responding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Patricia L. Lynch

Patricia L. Lynch

Project Manager

Laboratory Review Checklist: Reportable Data

Laboratory Name e-Lab Analytical, Inc.	LRC Date. 12/04/2006
Project Name: CRJ Superfund Wiley	Laboratory Job Number 0611269
Reviewer Name Patricia L Lynch	Prep Batch Number(s) 20809, R43939, R44179, R44023, R44258 and R44452

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	CHAIN-OF-CUSTODY (C-O-C)					
		1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		2) Were all departures from standard conditions described in an exception report?	X				
R2	OI	SAMPLE AND QUALITY CONTROL (QC) IDENTIFICATION					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	TEST REPORTS					
		1) Were all samples prepared and analyzed within holding times?	X				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample quantitation limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	X				
		7) Was % moisture (or solids) reported for all soil and sediment samples?	X				
		8) If required for the project, TICs reported?			X		
R4	O	SURROGATE RECOVERY DATA					
		1) Were surrogates added prior to extraction?	X				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	TEST REPORTS/SUMMMARY FORMS FOR BLANK SAMPLES					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?	X				
R6	OI	LABORATORY CONTROL SAMPLES (LCS):					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	X				
		6) Was the LCSD RPD within QC limits?	X				
R7	OI	MATRIX SPIKE (MS) AND MATRIX SPIKE DUPLICATE (MSD) DATA					
		1) Were the project/method specified analytes included in the MS and MSD?	X				
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			1
		4) Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	ANALYTICAL DUPLICATE DATA					
		1) Were appropriate analytical duplicates analyzed for each matrix?	X				
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	METHOD QUANTITATION LIMITS (MQLS):					
		1) Are the MQLs for each method analyte listed and included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs included in the laboratory data package?	X				
R10	OI	OTHER PROBLEMS/ANOMALIES					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		2) Were all necessary corrective actions performed for the reported data?	X				
		3) If requested, is the justification for elevated SQLs documented?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted in o the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period

2 O = organic analyses, I = inorganic analyses (and general chemistry, when applicable),

3 NA = Not applicable,

4 NR = Not Reviewed,

5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked)

Laboratory Review Checklist: Supporting Data								
Laboratory Name. e-lab Analytical, Inc			LRC Date. 12/04/2006					
Project Name CRI Superfund Wiley			Laboratory Job Number: 0611269					
Reviewer Name Patricia L Lynch			Prep Batch Number(s) 20809, R43939, R44179, R44023, R44258 and R44452					
#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]	
S1	OI	**INITIAL CALIBRATION (ICAL)**						
		1) Were response factors (RFs) and/or relative response factors (RRFs) for each analyte within the QC limits?	X					
		2) Were percent RSDs or correlation coefficient criteria met?	X					
		3) Was the number of standards recommended in the method used for all analytes?	X					
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X					
		5) Are ICAL data available for all instruments used?	X					
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X					
S2	OI	**INITIAL AND CONTINUING CALIBRATION VERIFICATION (ICCV AND CCV) AND**						
		1) Was the CCV analyzed at the method-required frequency?	X					
		2) Were percent differences for each analyte within the method-required QC limits?		X			2	
		3) Was the ICAL curve verified for each analyte?	X					
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X			
S3	O	**MASS SPECTRAL TUNING:**						
		1) Was the appropriate compound for the method used for tuning?	X					
		2) Were ion abundance data within the method-required QC limits?	X					
S4	O	**INTERNAL STANDARDS (IS):**						
		Were IS area counts and retention times within the method-required QC limits?	X					
S5	OI	**RAW DATA (NELAC SECTION 1 APPENDIX A GLOSSARY, AND SECTION 5.12 OR**						
		1) Were the raw data (e.g., chromatograms, spectral data) reviewed by an analyst?	X					
		2) Were data associated with manual integrations flagged on the raw data?	X					
S6	O	**DUAL COLUMN CONFIRMATION**						
		Did dual column confirmation results meet the method-required QC?			X			
S7	O	**TENTATIVELY IDENTIFIED COMPOUNDS (TICS):**						
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X			
S8	I	**INTERFERENCE CHECK SAMPLE (ICS) RESULTS:**						
		Were percent recoveries within method QC limits?	X					
S9	I	**SERIAL DILUTIONS, POST DIGESTION SPIKES, AND METHOD OF STANDARD**						
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?		X			3	
S10	OI	**PROFICIENCY TEST REPORTS:**						
		Are proficiency testing or inter-laboratory comparison results on file?	X					
S11	OI	**METHOD DETECTION LIMIT (MDL) STUDIES**						
		1) Was a MDL study performed for each reported analyte?	X					
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X					
S12	OI	**STANDARDS DOCUMENTATION**						
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X					
S13	OI	**COMPOUND/ANALYTE IDENTIFICATION PROCEDURES**						
		Are the procedures for compound/analyte identification documented?	X					
S14	OI	**DEMONSTRATION OF ANALYST COMPETENCY (DOC)**						
		1) Was DOC conducted consistent with NELAC 5C or ISO/IEC 4.2.2?	X					
		2) Is documentation of the analyst's competency up-to-date and on file?	X					
S15	OI	**VERIFICATION/VALIDATION DOCUMENTATION FOR METHODS**						
		Are all the methods used to generate the data documented, verified, and validated, where applicable, (NELAC 5 10.2 or ISO/IEC 17025 Section 5 4.5)?	X					
S16	OI	**LABORATORY STANDARD OPERATING PROCEDURES (SOPS):**						
		Are laboratory SOPs current and on file for each method performed?	X					

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period

2 O = organic analyses, I = inorganic analyses (and general chemistry, when applicable)

3 NA = Not applicable

4 NR = Not Reviewed

5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked)

Laboratory Review Checklist: Exception Report		
Laboratory Name e-Lab Analytical, Inc		LRC Date 12/04/2006
Project Name CRI Superfund Wiley		Laboratory Job Number 0611269
Reviewer Name Patricia L Lynch		Prep Batch Number(s) 20809, R43939, R44179, R44023, R44258 and R44452
ER #[1]	DESCRIPTION	
1	Batch 20809 Metals MS/MSD recoveries for many of the target elements are outside the control limits in sample SB05 06 due to matrix interference Some of the data are also flagged with E and O due to the concentrations in the background sample. All RPD's are in control.	
	Batch R44203 Volatiles MS/MSD recoveries for Chloromethane and Vinyl Chloride in sample SB08 18 from e-Lab work order 0611271 are above the control limits. All other recoveries and all RPD's are in control.	
2	Batch R44179 Volatiles CCV %D for Chloromethane is high, but this compound is not detected in the associated samples	
3	Batch 20809 Metals Post-Digestion Spike recovery for Antimony and Copper are below the control limits in sample SB05 06 The data for Copper is also flagged with O due to the concentration in the background sample.	
	Batch 20809 Metals Serial Dilution %D for Barium and Chromium are above the control limits in sample SB05 06.	

1 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

e-Lab Analytical, Inc. **Date:** *December 19, 2006*

CLIENT: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas
Work Order: **0611269**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
0611269-01	SB01 06	Soil		11/14/2006 09:04	11/15/2006 10:00	☐
0611269-02	SB01 12	Soil		11/14/2006 09:05	11/15/2006 10:00	☐
0611269-03	SB01 18	Soil		11/14/2006 09:06	11/15/2006 10:00	☐
0611269-04	SB01 24 (Archive)	Soil		11/14/2006 09:09	11/15/2006 10:00	☐
0611269-05	SB02 06	Soil		11/14/2006 09:16	11/15/2006 10:00	☐
0611269-06	SB02 12	Soil		11/14/2006 09:17	11/15/2006 10:00	☐
0611269-07	SB02 18	Soil		11/14/2006 09:19	11/15/2006 10:00	☐
0611269-08	SB02 24 (Archive)	Soil		11/14/2006 09:22	11/15/2006 10:00	☐
0611269-09	SB03 06	Soil		11/14/2006 09:36	11/15/2006 10:00	☐
0611269-10	SB03 12	Soil		11/14/2006 09:37	11/15/2006 10:00	☐
0611269-11	SB03 18	Soil		11/14/2006 09:38	11/15/2006 10:00	☐
0611269-12	SB03 24 (Archive)	Soil		11/14/2006 09:42	11/15/2006 10:00	☐
0611269-13	SB04 06	Soil		11/14/2006 09:56	11/15/2006 10:00	☐
0611269-14	SB04 12	Soil		11/14/2006 09:57	11/15/2006 10:00	☐
0611269-15	SB04 18	Soil		11/14/2006 10:00	11/15/2006 10:00	☐
0611269-16	SB04 24 (Archive)	Soil		11/14/2006 10:07	11/15/2006 10:00	☐
0611269-17	DS-1	Soil		11/14/2006 09:56	11/15/2006 10:00	☐
0611269-18	DS-2	Soil		11/14/2006 10:00	11/15/2006 10:00	☐
0611269-19	SB05 06	Soil		11/14/2006 10.19	11/15/2006 10:00	☐
0611269-20	SB05 12	Soil		11/14/2006 10:20	11/15/2006 10:00	☐
0611269-21	SB05 -18	Soil		11/14/2006 10:23	11/15/2006 10:00	☐
0611269-22	SB05-24 (Archive)	Soil		11/14/2006 10:30	11/15/2006 10:00	☐

e-Lab Analytical
QUALITY · INTEGRITY · SERVICE

Houston, Texas 77099
(Tel) 281.530.5656
(Fax) 281.530.5887

Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

e-Lab Project Manager:

e-Lab Work Order #: 06-11269

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Plitt	Invoice Attn	Jack Plitt	D	5-DAY TAT ON VOCS
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	IN 2 ICE CHESTS
				F	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB01 06	11/14/06	904	S		1		✓	✓								
2	12		905			1		✓	✓								
3	18		906			5	✓	✓	✓								
4	24 (Archive)		909			5	✓	✓	✓								✓
5	SB02 06		916			1		✓	✓								
6	12		917			1		✓	✓								
7	18		919			5	✓	✓	✓								
8	24 (ARCHIVE)		922			5	✓	✓	✓								✓
9	SB03 06		936			1		✓	✓								
10	12		937			1		✓	✓								

Sampler(s) Please Print & Sign: JULIE UTLEY

Shipment Method: FED EX

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Notes: 10 Day TAT.

Relinquished by:	Date:	Time:	Received by:
	11/14/06	17:30	
Relinquished by:	Date:	Time:	Received by Laboratory:
	11/15/06	18:00	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):

e-Lab Analytical Cooler ID: 290

Cooler Temp.:

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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Houston, Texas 77099
(Tel) 281 530 5656
(Fax) 281 530 5887

Page 2 of 3

Holland, Michigan 49424
(Tel) 616 399 6070
(Fax) 616.399 6185 RM

e-Lab Project Manager:

e-Lab Work Order #: 0612 - 061269

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	5-DAY TAT FOR VOLS
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	IN 2 ICE CHESTS
				F	DS = duplicate sample
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB03 18	11/14/06	938	S		5	✓	✓	✓								
2	↓ 24 (ARCHIVE)		942			5	✓	✓	✓								✓
3	SB04 06		956			1		✓	✓								
4	12		957			1		✓	✓								
5	18		1000			5	✓	✓	✓								
6	↓ 24 (ARCHIVE)		1007			5	✓	✓	✓								✓
7	DS-1		956			1		✓	✓								
8	DS-2		1000			4	✓										
9	SB05 06		1019			1		✓	✓								
10	SB05 12		1020			1		✓	✓								

Sampler(s) Please Print & Sign: JUNE WILEY [signature]

Shipment Method: FED EX

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by:	Date:	Time:	Received by:
[signature]	11/14/06	17:30	
Relinquished by:	Date: 11/15/06	Time: 10:00	Received by (Laboratory): [signature]
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):

Notes: 10 Day TAT.

e-Lab Analytical Cooler ID	Cooler Temp.
1200	

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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Houston, Texas 77099
(Tel) 281 530 5656
(Fax) 281.530.5887

Page 3 of 3

Holland, Michigan 49424
(Tel) 616 399 6070
(Fax) 616 399.6185

e-Lab Project Manager:

e-Lab Work Order #: 1611269

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc	C	Moisture
Send Report To	Jack Pilt	Invoice Attn	Jack Pilt	D	
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	5-DAY TAT FOR VOCs
				F	IN 2 ICE CHESTS
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	MD = matrix spike duplicate
Phone	(281) 821-6868	Phone	(281) 821-6868	H	MS = matrix spike
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

	Sample Description	Date	Time	Matrix	Pres	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MS-S1 SB05-06	11/14/06	1019	S		1		✓	✓								
2	MD-S1 SB05-06		1019			1		✓	✓								
3	SB05-18		1023			5	✓	✓	✓								
4	MS-S1 SB05-18		1023			4	✓										
5	MD-S1 SB05-18		1023			4	✓										
6	SB05-24 (ARCHIVE)		1030			5	✓	✓	✓								✓
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: Julie Wiley [signature]

Shipment Method: FED EX

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Notes: 10 Day TAT.
Relinquished by:	Date: 11/15/06	Time: 10:00	Received by (Laboratory): [signature]	e-Lab Analytical Cooler ID: 1290 / Cooler Temp:
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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-Lab Analytical, Inc.

Sample Receipt Checklist

Client Name GOLDER-HOU | Date/Time Received 11/15/2006 10:00:00 AM

Work Order Number 0611269 | Received by EBF

Checklist completed by [signature] Date 11/15/06 | Reviewed by [initials] Date 11/16/06

Matrix Soil | Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s) Thermometer(s)	4.8,5.1,3.7,3.3,4.7c	0(2	
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑

Adjusted? Checked by

Login Notes

Client contacted Date contacted: Person contacted

Contacted by Regarding

Comments

Corrective Action

1290

W/O# 0611769

e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

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CUSTODY SEAL

11/14/86 Time: 17:30

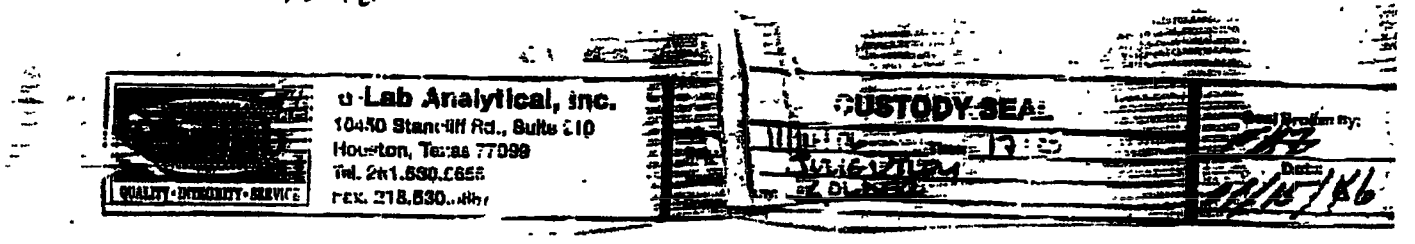
JUNE UTLEY

Seal Broken By:

Date: 11/15/86

425

e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel 281.530 5656
Fax 218.530 5887

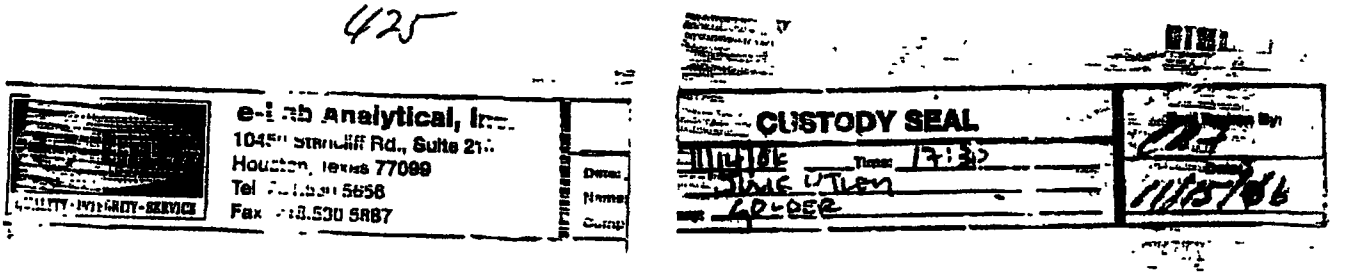


QUALITY • INTEGRITY • SERVICE

Date:
Name:
Comp:

CUSTODY SEAL

11/14/86 Time: 17:30



JUNE UTLEY

GOLDER

Seal Broken By:

Date: 11/15/86

1104

W.O. # 0611269

e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281 [illegible] 5656
Fax. 281 [illegible] 5887

CUSTODY SEAL
Date: 11/14/2002 Time: 1730
Name: [illegible]
Comp: Golder

Seal Broken By: [illegible]
Date: 11/15/02

FedEx Express US Airbill

FedEx Tracking Number 8586 6987 5051

Date 11/14/06 Sender's FedEx Account Number 1294-4093-7

Sender's Name Jack Plitt Phone 281 821-6868

Company Golder Associates

Address 500 Century Plaza Dr. Ste 190

Houston State TX ZIP 77073

Your Internal Billing Reference 063-4900

Pat Lynch Phone (281) 530-5656

Company E LAB ANALYTICAL

Recipient's Address 10450 STANCLIFF RD STE 210

HOUSTON State TX ZIP 77099

0345281078

Schedule a pickup at fedex.com
Simplify your shipping. Manage your account. Access all the tools you need.

Sender's Co

4a Express Package Service — Packages up to 150 lb.

- [X] FedEx Priority Overnight
- [ ] FedEx Standard Overnight
- [ ] FedEx First Overnight
- [ ] FedEx 2Day
- [ ] FedEx Express Saver

4b Express Freight Service — Packages over 150 lb.

- [ ] FedEx 1Day Freight
- [ ] FedEx 2Day Freight
- [ ] FedEx 3Day Freight

5 Packaging

- [ ] FedEx Envelope
- [ ] FedEx Pak
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

6 Special Handling

- [ ] SATURDAY Delivery NOT Available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 2Day Freight
- [ ] HOLD Weekday at FedEx Location NOT Available for FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods?

- [X] No
- [ ] Yes
- [ ] Yes
- [ ] Dry Ice
- [ ] Cargo Aircraft Only

7 Payment Bill to:

- [X] Sender
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages	Total Weight	Total Declared Value†
5		$ .00

FedEx Use Only

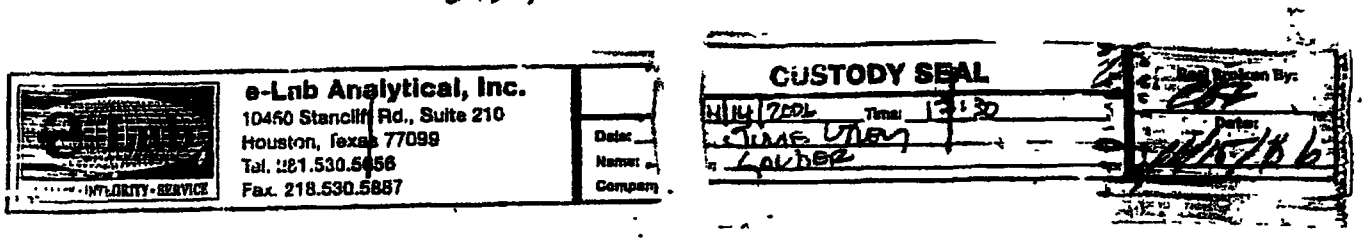
8 NEW Residential Delivery Signature Options

- [ ] No Signature Required
- [ ] Direct Signature
- [ ] Indirect Signature

519

WO# 061126

0421



e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

Date:
Name:
Company:

CUSTODY SEAL
Time: 13:30
Date:

11/14/06 FedEx Tracking Number 8586 6987 5051

Sender's Name Jack Plitt Phone 281 821-6868

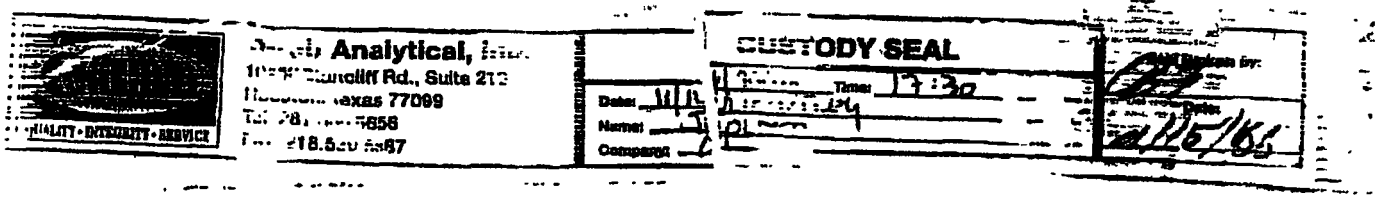
Company Golder Associates

Address 500 Century Plaza Dr. Ste 190

City Houston State TX ZIP 77073

Your Internal Billing Reference 063-490

0535



e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

Date:
Name:
Company:

CUSTODY SEAL
Time: 13:30
Date:

FedEx. US Airbill
Express

FedEx Tracking Number 8586 6987 5051

Sender's Copy

11/14/06 Sender's FedEx Account Number 1294-4093-7

Sender's Name Jack Plitt Phone 281 821-6868

Company Golder Associates

Address 500 Century Plaza Dr. Ste 190

City Houston State TX ZIP 77073

Your Internal Billing Reference 063-490

Your Name Pat Lynch Phone 281 530-5656

Company E LAB ANALYTICAL

Address 10450 STANCLIFF RD STE 210

City HOUSTON State TX ZIP 77099

0345281078

4a Express Package Service
[X] FedEx Priority Overnight
[ ] FedEx Standard Overnight
[ ] FedEx First Overnight
[ ] FedEx 2Day
[ ] FedEx Express Saver

4b Express Freight Service
[ ] FedEx 1Day Freight
[ ] FedEx 2Day Freight
[ ] FedEx 3Day Freight

5 Packaging
[ ] FedEx Envelope
[ ] FedEx Pak
[ ] FedEx Box
[ ] FedEx Tube
[X] Other

6 Special Handling
[ ] SATURDAY Delivery
[ ] HOLD Weekday at FedEx Location
[ ] HOLD Saturday at FedEx Location
Does this shipment contain dangerous goods?
[X] No
[ ] Yes
[ ] Dry Ice
[ ] Cargo Aircraft Only

7 Payment
[X] Sender
[ ] Recipient
[ ] Third Party
[ ] Credit Card
[ ] Cash/Check

Total Packages: 5
Total Weight:
Total Declared Value: $ 00

8 NEW Residential Delivery Signature Options

Analytical Report

Golder Associates, Inc.
CRI - Superfund
Work Order 0611269

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB01 06
Work Order:	0611269	**Collection Date:**	11/14/2006 9:04:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611269-01	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/20/06		Analyst: JCJ
Mercury	876		3.0	28.1	µg/Kg-dry	2	11/21/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/16/06		Analyst: ALR
Antimony	4.74		0.14	0.492	mg/Kg-dry	1	11/16/2006
Arsenic	2.93		0.13	0.492	mg/Kg-dry	1	11/16/2006
Barium	545		6.9	49.2	mg/Kg-dry	100	11/18/2006
Beryllium	0.280	J	0.030	0.492	mg/Kg-dry	1	11/16/2006
Cadmium	3.31		0.030	0.492	mg/Kg-dry	1	11/16/2006
Chromium	611		6.9	49.2	mg/Kg-dry	100	11/18/2006
Copper	127		0.039	0.492	mg/Kg-dry	1	11/16/2006
Lead	2,080		6.9	49.2	mg/Kg-dry	100	11/18/2006
Nickel	15.7		0.079	0.492	mg/Kg-dry	1	11/16/2006
Selenium	0.320	J	0.19	0.492	mg/Kg-dry	1	11/16/2006
Silver	0.158	J	0.020	0.492	mg/Kg-dry	1	11/16/2006
Thallium	U		0 049	0 492	mg/Kg-dry	1	11/16/2006
Zinc	1,160		9.8	49.2	mg/Kg-dry	100	11/18/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	9.26		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

- U - Analyzed for but Not Detected
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB01 12
Work Order:	0611269	**Collection Date:**	11/14/2006 9:05:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611269-02	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/20/06		Analyst: JCJ
Mercury	3.53	J	1.7	16.0	µg/Kg-dry	1	11/21/2006
ICP METALS			Method SW6020		Prep SW3050A / 11/16/06		Analyst: ALR
Antimony	U		0 15	0.535	mg/Kg-dry	1	11/16/2006
Arsenic	2.30		0.14	0.535	mg/Kg-dry	1	11/16/2006
Barium	132		0.075	0.535	mg/Kg-dry	1	11/16/2006
Beryllium	0.665		0.032	0.535	mg/Kg-dry	1	11/16/2006
Cadmium	0.229	J	0.032	0.535	mg/Kg-dry	1	11/16/2006
Chromium	16.5		0.075	0.535	mg/Kg-dry	1	11/16/2006
Copper	16.9		0.043	0.535	mg/Kg-dry	1	11/16/2006
Lead	36.6		0.096	0.535	mg/Kg-dry	1	11/16/2006
Nickel	10.3		0.086	0.535	mg/Kg-dry	1	11/16/2006
Selenium	0.492	J	0.20	0.535	mg/Kg-dry	1	11/16/2006
Silver	U		0 021	0.535	mg/Kg-dry	1	11/16/2006
Thallium	0.0866	J	0.054	0.535	mg/Kg-dry	1	11/16/2006
Zinc	65.0		0.11	0.535	mg/Kg-dry	1	11/16/2006
PERCENT MOISTURE			Method E160.3				Analyst MAM
Percent Moisture	17.3		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB01 18
Work Order:	0611269	**Collection Date:**	11/14/2006 9:06:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611269-03	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/20/06		Analyst: JCJ
Mercury	7.24	J	1.7	16.0	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/16/06		Analyst ALR
Antimony	U		0.15	0.539	mg/Kg-dry	1	11/16/2006
Arsenic	3.66		0.14	0.539	mg/Kg-dry	1	11/16/2006
Barium	208		0.076	0.539	mg/Kg-dry	1	11/16/2006
Beryllium	0.690		0.032	0.539	mg/Kg-dry	1	11/16/2006
Cadmium	0.106	J	0.032	0.539	mg/Kg-dry	1	11/16/2006
Chromium	11.2		0.076	0.539	mg/Kg-dry	1	11/16/2006
Copper	9.53		0.043	0.539	mg/Kg-dry	1	11/16/2006
Lead	22.6		0.097	0.539	mg/Kg-dry	1	11/16/2006
Nickel	13.3		0.086	0.539	mg/Kg-dry	1	11/16/2006
Selenium	0.706		0.20	0.539	mg/Kg-dry	1	11/16/2006
Silver	U		0 022	0.539	mg/Kg-dry	1	11/16/2006
Thallium	0.0707	J	0.054	0.539	mg/Kg-dry	1	11/16/2006
Zinc	26.3		0.11	0.539	mg/Kg-dry	1	11/16/2006
TCL VOLATILE ORGANICS			Method: SW8260				Analyst HLBW
1,1,1-Trichloroethane	U		0.80	5 7	µg/Kg-dry	0.942	11/25/2006
1,1,2,2-Tetrachloroethane	U		0 57	5 7	µg/Kg-dry	0.942	11/25/2006
1,1,2-Trichloroethane	U		0 57	5 7	µg/Kg-dry	0 942	11/25/2006
1,1-Dichloroethane	U		0 92	5 7	µg/Kg-dry	0 942	11/25/2006
1,1-Dichloroethene	U		1.1	5 7	µg/Kg-dry	0.942	11/25/2006
1,2-Dichloroethane	U		0.69	5 7	µg/Kg-dry	0 942	11/25/2006
1,2-Dichloropropane	U		0 69	5.7	µg/Kg-dry	0 942	11/25/2006
2-Butanone	U		0 80	11	µg/Kg-dry	0 942	11/25/2006
Benzene	U		0 69	5 7	µg/Kg-dry	0.942	11/25/2006
Bromoform	U		0 57	11	µg/Kg-dry	0.942	11/25/2006
Bromomethane	U		1 1	11	µg/Kg-dry	0 942	11/25/2006
Carbon tetrachloride	U		1.1	5.7	µg/Kg-dry	0 942	11/25/2006
Chlorobenzene	U		0.80	5.7	µg/Kg-dry	0 942	11/25/2006
Chloroethane	U		1.8	11	µg/Kg-dry	0.942	11/25/2006
Chloroform	U		1 0	5 7	µg/Kg-dry	0 942	11/25/2006
Chloromethane	U		1.3	11	µg/Kg-dry	0 942	11/25/2006
cis-1,3-Dichloropropene	U		0.69	5 7	µg/Kg-dry	0 942	11/25/2006
Dichloromethane	U		3 4	11	µg/Kg-dry	0 942	11/25/2006
Ethylbenzene	U		0.92	5.7	µg/Kg-dry	0.942	11/25/2006
Tetrachloroethene	18		0.69	5.7	µg/Kg-dry	0 942	11/25/2006
Toluene	U		0 69	5 7	µg/Kg-dry	0 942	11/25/2006
trans-1,2-Dichloroethene	U		1.1	5 7	µg/Kg-dry	0 942	11/25/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB01 18
Work Order:	0611269	**Collection Date:**	11/14/2006 9:06:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611269-03	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0 69	5.7	µg/Kg-dry	0 942	11/25/2006
Trichloroethene	**35**		**0.69**	**5.7**	**µg/Kg-dry**	0 942	11/25/2006
Vinyl chlonde	U		0 69	2.3	µg/Kg-dry	0.942	11/25/2006
Xylenes, Total	U		1.7	17	µg/Kg-dry	0.942	11/25/2006
Surr 1,2-Dichloroethane-d4	*101*			*70-128*	*%REC*	0.942	11/25/2006
Surr 4-Bromofluorobenzene	*85 0*			*73-126*	*%REC*	0.942	11/25/2006
Surr Dibromofluoromethane	*106*			*71-128*	*%REC*	0.942	11/25/2006
Surr. Toluene-d8	*102*			*73-127*	*%REC*	0.942	11/25/2006
PERCENT MOISTURE		**Method E160.3**					**Analyst MAM**
Percent Moisture	**18.0**		**0.010**	**0.0100**	**wt%**	1	11/15/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB01 24 (Archive)
Work Order:	0611269	**Collection Date:**	11/14/2006 9:09:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611269-04	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**Method: SW8260**					**Analyst: HLBW**
1,1,1-Trichloroethane	U		0 74	5.3	µg/Kg-dry	0 843	11/28/2006
1,1,2,2-Tetrachloroethane	U		0.53	5.3	µg/Kg-dry	0.843	11/28/2006
1,1,2-Trichloroethane	U		0.53	5.3	µg/Kg-dry	0.843	11/28/2006
1,1-Dichloroethane	U		0 85	5 3	µg/Kg-dry	0 843	11/28/2006
1,1-Dichloroethene	U		1.1	5.3	µg/Kg-dry	0 843	11/28/2006
1,2-Dichloroethane	U		0.63	5.3	µg/Kg-dry	0 843	11/28/2006
1,2-Dichloropropane	U		0.63	5 3	µg/Kg-dry	0 843	11/28/2006
2-Butanone	U		0 74	11	µg/Kg-dry	0 843	11/28/2006
Benzene	U		0 63	5.3	µg/Kg-dry	0 843	11/28/2006
Bromoform	U		0 53	11	µg/Kg-dry	0 843	11/28/2006
Bromomethane	U		1 1	11	µg/Kg-dry	0 843	11/28/2006
Carbon tetrachloride	U		1 1	5 3	µg/Kg-dry	0 843	11/28/2006
Chlorobenzene	U		0 74	5 3	µg/Kg-dry	0.843	11/28/2006
Chloroethane	U		1.7	11	µg/Kg-dry	0 843	11/28/2006
Chloroform	U		0 95	5 3	µg/Kg-dry	0 843	11/28/2006
Chloromethane	U		1 2	11	µg/Kg-dry	0 843	11/28/2006
cis-1,3-Dichloropropene	U		0 63	5 3	µg/Kg-dry	0 843	11/28/2006
Dichloromethane	**12**		**3.2**	**11**	**µg/Kg-dry**	0 843	11/28/2006
Ethylbenzene	U		0 85	5 3	µg/Kg-dry	0 843	11/28/2006
Tetrachloroethene	**10**		**0.63**	**5.3**	**µg/Kg-dry**	0 843	11/28/2006
Toluene	U		0 63	5.3	µg/Kg-dry	0 843	11/28/2006
trans-1,2-Dichloroethene	U		1.1	5.3	µg/Kg-dry	0.843	11/28/2006
trans-1,3-Dichloropropene	U		0.63	5.3	µg/Kg-dry	0 843	11/28/2006
Trichloroethene	**37**		**0.63**	**5.3**	**µg/Kg-dry**	0.843	11/28/2006
Vinyl chloride	U		0 63	2.1	µg/Kg-dry	0.843	11/28/2006
Xylenes, Total	U		1.6	16	µg/Kg-dry	0 843	11/28/2006
Surr: 1,2-Dichloroethane-d4	*105*			*70-128*	*%REC*	0 843	11/28/2006
Surr: 4-Bromofluorobenzene	*92 5*			*73-126*	*%REC*	0.843	11/28/2006
Surr: Dibromofluoromethane	*100*			*71-128*	*%REC*	0.843	11/28/2006
Surr: Toluene-d8	*98 3*			*73-127*	*%REC*	0 843	11/28/2006
PERCENT MOISTURE		**Method: E160.3**					**Analyst: MAM**
Percent Moisture	**20.3**		**0.010**	**0.0100**	**wt%**	1	11/30/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB02 06
Work Order:	0611269	**Collection Date:**	11/14/2006 9:16:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611269-05	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep: SW7471A / 11/20/06		Analyst JCJ
Mercury	677		3.1	29.0	µg/Kg-dry	2	11/21/2006
ICP METALS		Method: SW6020			Prep: SW3050A / 11/16/06		Analyst ALR
Antimony	2.23		0.14	0.512	mg/Kg-dry	1	11/18/2006
Arsenic	3.25		0.13	0.512	mg/Kg-dry	1	11/18/2006
Barium	440		7.2	51.2	mg/Kg-dry	100	11/18/2006
Beryllium	0.381	J	0.031	0.512	mg/Kg-dry	1	11/18/2006
Cadmium	1.46		0.031	0.512	mg/Kg-dry	1	11/18/2006
Chromium	267		7.2	51.2	mg/Kg-dry	100	11/18/2006
Copper	214		4.1	51.2	mg/Kg-dry	100	11/18/2006
Lead	1,090		9.2	51.2	mg/Kg-dry	100	11/18/2006
Nickel	13.8		0.082	0.512	mg/Kg-dry	1	11/18/2006
Selenium	0.411	J	0.19	0.512	mg/Kg-dry	1	11/18/2006
Silver	0.0383	J	0.020	0.512	mg/Kg-dry	1	11/18/2006
Thallium	0.0653	J	0.051	0.512	mg/Kg-dry	1	11/18/2006
Zinc	667		10	51.2	mg/Kg-dry	100	11/18/2006
PERCENT MOISTURE		Method: E160.3					Analyst MAM
Percent Moisture	9.61		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

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- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB02 12
Work Order:	0611269	**Collection Date:**	11/14/2006 9:17:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611269-06	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/20/06		Analyst: JCJ
Mercury	45.7		1.7	15.7	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/16/06		Analyst: ALR
Antimony	U		0.15	0.520	mg/Kg-dry	1	11/18/2006
Arsenic	3.48		0.14	0.520	mg/Kg-dry	1	11/18/2006
Barium	147		0.073	0.520	mg/Kg-dry	1	11/18/2006
Beryllium	0.502	J	0.031	0.520	mg/Kg-dry	1	11/18/2006
Cadmium	0.175	J	0.031	0.520	mg/Kg-dry	1	11/18/2006
Chromium	21.5		0.073	0.520	mg/Kg-dry	1	11/18/2006
Copper	19.2		0.042	0.520	mg/Kg-dry	1	11/18/2006
Lead	58.8		0.094	0.520	mg/Kg-dry	1	11/18/2006
Nickel	9.07		0.083	0.520	mg/Kg-dry	1	11/18/2006
Selenium	0.747		0.20	0.520	mg/Kg-dry	1	11/18/2006
Silver	U		0.021	0.520	mg/Kg-dry	1	11/18/2006
Thallium	0.0905	J	0.052	0.520	mg/Kg-dry	1	11/18/2006
Zinc	73.1		0.10	0.520	mg/Kg-dry	1	11/18/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	16.4		0.010	0.0100	wt%	1	11/15/2006

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- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB02 18
Work Order:	0611269	**Collection Date:**	11/14/2006 9:19:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611269-07	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		**Method:**	**SW7471A**		**Prep:** SW7471A / 11/20/06		**Analyst: JCJ**
Mercury	**26.2**		**1.7**	**15.7**	**µg/Kg-dry**	**1**	**11/21/2006**
ICP METALS		**Method:**	**SW6020**		**Prep** SW3050A / 11/16/06		**Analyst ALR**
Antimony	**0.170**	**J**	**0.15**	**0.542**	**mg/Kg-dry**	**1**	**11/18/2006**
Arsenic	**4.93**		**0.14**	**0.542**	**mg/Kg-dry**	**1**	**11/18/2006**
Barium	**101**		**0.076**	**0.542**	**mg/Kg-dry**	**1**	**11/18/2006**
Beryllium	**0.489**	**J**	**0.033**	**0.542**	**mg/Kg-dry**	**1**	**11/18/2006**
Cadmium	**0.201**	**J**	**0.033**	**0.542**	**mg/Kg-dry**	**1**	**11/18/2006**
Chromium	**11.0**		**0.076**	**0.542**	**mg/Kg-dry**	**1**	**11/18/2006**
Copper	**121**		**0.043**	**0.542**	**mg/Kg-dry**	**1**	**11/18/2006**
Lead	**96.1**		**0.098**	**0.542**	**mg/Kg-dry**	**1**	**11/18/2006**
Nickel	**8.61**		**0.087**	**0.542**	**mg/Kg-dry**	**1**	**11/18/2006**
Selenium	**0.781**		**0.21**	**0.542**	**mg/Kg-dry**	**1**	**11/18/2006**
Silver	**0.196**	**J**	**0.022**	**0.542**	**mg/Kg-dry**	**1**	**11/18/2006**
Thallium	**0.0692**	**J**	**0.054**	**0.542**	**mg/Kg-dry**	**1**	**11/18/2006**
Zinc	**65.2**		**0.11**	**0.542**	**mg/Kg-dry**	**1**	**11/18/2006**
TCL VOLATILE ORGANICS		**Method:**	**SW8260**				**Analyst HLBW**
1,1,1-Trichloroethane	U		0 74	5 3	µg/Kg-dry	0 887	11/25/2006
1,1,2,2-Tetrachloroethane	U		0.53	5 3	µg/Kg-dry	0 887	11/25/2006
1,1,2-Trichloroethane	U		0.53	5.3	µg/Kg-dry	0 887	11/25/2006
1,1-Dichloroethane	U		0.85	5.3	µg/Kg-dry	0 887	11/25/2006
1,1-Dichloroethene	U		1.1	5.3	µg/Kg-dry	0.887	11/25/2006
1,2-Dichloroethane	U		0.63	5 3	µg/Kg-dry	0 887	11/25/2006
1,2-Dichloropropane	U		0 63	5.3	µg/Kg-dry	0 887	11/25/2006
2-Butanone	U		0 74	11	µg/Kg-dry	0 887	11/25/2006
Benzene	U		0 63	5 3	µg/Kg-dry	0 887	11/25/2006
Bromoform	U		0 53	11	µg/Kg-dry	0.887	11/25/2006
Bromomethane	U		1.1	11	µg/Kg-dry	0 887	11/25/2006
Carbon tetrachloride	U		1 1	5 3	µg/Kg-dry	0.887	11/25/2006
Chlorobenzene	U		0.74	5 3	µg/Kg-dry	0 887	11/25/2006
Chloroethane	U		1.7	11	µg/Kg-dry	0 887	11/25/2006
Chloroform	U		0 95	5 3	µg/Kg-dry	0.887	11/25/2006
Chloromethane	U		1 2	11	µg/Kg-dry	0 887	11/25/2006
cis-1,3-Dichloropropene	U		0.63	5 3	µg/Kg-dry	0.887	11/25/2006
Dichloromethane	U		3 2	11	µg/Kg-dry	0.887	11/25/2006
Ethylbenzene	U		0 85	5 3	µg/Kg-dry	0.887	11/25/2006
Tetrachloroethene	U		0 63	5 3	µg/Kg-dry	0 887	11/25/2006
Toluene	U		0 63	5 3	µg/Kg-dry	0 887	11/25/2006
trans-1,2-Dichloroethene	U		1 1	5.3	µg/Kg-dry	0 887	11/25/2006

Qualifiers:

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB02 18
Work Order:	0611269	**Collection Date:**	11/14/2006 9.19:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611269-07	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0 63	5 3	µg/Kg-dry	0.887	11/25/2006
Trichloroethene	U		0.63	5.3	µg/Kg-dry	0.887	11/25/2006
Vinyl chloride	U		0 63	2 1	µg/Kg-dry	0 887	11/25/2006
Xylenes, Total	U		1 6	16	µg/Kg-dry	0 887	11/25/2006
Surr 1,2-Dichloroethane-d4	*100*			*70-128*	*%REC*	0.887	11/25/2006
Surr 4-Bromofluorobenzene	*86 4*			*73-126*	*%REC*	0.887	11/25/2006
Surr Dibromofluoromethane	*96 8*			*71-128*	*%REC*	0.887	11/25/2006
Surr Toluene-d8	*101*			*73-127*	*%REC*	0 887	11/25/2006
PERCENT MOISTURE		Method. E160.3					Analyst· MAM
Percent Moisture	**16.2**		**0.010**	**0.0100**	**wt%**	1	11/15/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB03 06
Work Order:	0611269	**Collection Date:**	11/14/2006 9:36:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611269-09	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/20/06		Analyst: JCJ
Mercury	146		1.6	15.4	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/16/06		Analyst: ALR
Antimony	U		0.14	0.513	mg/Kg-dry	1	11/18/2006
Arsenic	5.59		0.13	0.513	mg/Kg-dry	1	11/18/2006
Barium	124		3.6	25.6	mg/Kg-dry	50	11/18/2006
Beryllium	0.566		0.031	0.513	mg/Kg-dry	1	11/18/2006
Cadmium	0.349	J	0.031	0.513	mg/Kg-dry	1	11/18/2006
Chromium	19.4		0.072	0.513	mg/Kg-dry	1	11/18/2006
Copper	264		2.1	25.6	mg/Kg-dry	50	11/18/2006
Lead	193		4.6	25.6	mg/Kg-dry	50	11/18/2006
Nickel	12.1		0.082	0.513	mg/Kg-dry	1	11/18/2006
Selenium	0.934		0.19	0.513	mg/Kg-dry	1	11/18/2006
Silver	U		0.021	0.513	mg/Kg-dry	1	11/18/2006
Thallium	0.0784	J	0.051	0.513	mg/Kg-dry	1	11/18/2006
Zinc	97.4		5.1	25.6	mg/Kg-dry	50	11/18/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	14.4		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

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- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB03 12
Work Order:	0611269	**Collection Date:**	11/14/2006 9:37:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611269-10	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/20/06		Analyst: JCJ
Mercury	25.4		1.7	15.7	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/16/06		Analyst: ALR
Antimony	U		0.15	0.531	mg/Kg-dry	1	11/18/2006
Arsenic	4.72		0.14	0.531	mg/Kg-dry	1	11/18/2006
Barium	134		0.074	0.531	mg/Kg-dry	1	11/18/2006
Beryllium	0.622		0.032	0.531	mg/Kg-dry	1	11/18/2006
Cadmium	0.231	J	0.032	0.531	mg/Kg-dry	1	11/18/2006
Chromium	13.7		0.074	0.531	mg/Kg-dry	1	11/18/2006
Copper	61.5		0.042	0.531	mg/Kg-dry	1	11/18/2006
Lead	56.3		0.095	0.531	mg/Kg-dry	1	11/18/2006
Nickel	12.8		0.085	0.531	mg/Kg-dry	1	11/18/2006
Selenium	0.907		0.20	0.531	mg/Kg-dry	1	11/18/2006
Silver	0.0384	J	0.021	0.531	mg/Kg-dry	1	11/18/2006
Thallium	0.0955	J	0.053	0.531	mg/Kg-dry	1	11/18/2006
Zinc	57.9		0.11	0.531	mg/Kg-dry	1	11/18/2006
PERCENT MOISTURE			Method E160.3				Analyst: MAM
Percent Moisture	16.6		0.010	0.0100	wt%	1	11/15/2006

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- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB03 18
Work Order:	0611269	**Collection Date:**	11/14/2006 9:38:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611269-11	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/20/06		Analyst: JCJ
Mercury	15.1	J	1.8	16.9	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/16/06		Analyst: ALR
Antimony	U		0 16	0 563	mg/Kg-dry	1	11/18/2006
Arsenic	4.64		0.16	0.563	mg/Kg-dry	1	11/18/2006
Barium	188		0.079	0.563	mg/Kg-dry	1	11/18/2006
Beryllium	0.750		0.034	0.563	mg/Kg-dry	1	11/18/2006
Cadmium	0.108	J	0.034	0.563	mg/Kg-dry	1	11/18/2006
Chromium	16.0		0.079	0.563	mg/Kg-dry	1	11/18/2006
Copper	15.8		0.045	0.563	mg/Kg-dry	1	11/18/2006
Lead	23.7		0.10	0.563	mg/Kg-dry	1	11/18/2006
Nickel	12.9		0.090	0.563	mg/Kg-dry	1	11/18/2006
Selenium	0.914		0.21	0.563	mg/Kg-dry	1	11/18/2006
Silver	U		0 023	0 563	mg/Kg-dry	1	11/18/2006
Thallium	0.152	J	0.056	0.563	mg/Kg-dry	1	11/18/2006
Zinc	54.2		0.11	0.563	mg/Kg-dry	1	11/18/2006
TCL VOLATILE ORGANICS			Method: SW8260				Analyst: HLBW
1,1,1-Trichloroethane	U		0 70	5 0	µg/Kg-dry	0 79	11/26/2006
1,1,2,2-Tetrachloroethane	U		0 50	5 0	µg/Kg-dry	0 79	11/26/2006
1,1,2-Trichloroethane	U		0 50	5.0	µg/Kg-dry	0 79	11/26/2006
1,1-Dichloroethane	U		0 80	5 0	µg/Kg-dry	0 79	11/26/2006
1,1-Dichloroethene	U		1.0	5.0	µg/Kg-dry	0 79	11/26/2006
1,2-Dichloroethane	U		0.60	5 0	µg/Kg-dry	0 79	11/26/2006
1,2-Dichloropropane	U		0 60	5 0	µg/Kg-dry	0 79	11/26/2006
2-Butanone	U		0.70	10	µg/Kg-dry	0 79	11/26/2006
Benzene	U		0.60	5.0	µg/Kg-dry	0 79	11/26/2006
Bromoform	U		0 50	10	µg/Kg-dry	0 79	11/26/2006
Bromomethane	U		1 0	10	µg/Kg-dry	0.79	11/26/2006
Carbon tetrachloride	U		1.0	5.0	µg/Kg-dry	0.79	11/26/2006
Chlorobenzene	U		0 70	5.0	µg/Kg-dry	0 79	11/26/2006
Chloroethane	U		1 6	10	µg/Kg-dry	0 79	11/26/2006
Chloroform	U		0 90	5 0	µg/Kg-dry	0 79	11/26/2006
Chloromethane	U		1 1	10	µg/Kg-dry	0 79	11/26/2006
cis-1,3-Dichloropropene	U		0 60	5 0	µg/Kg-dry	0 79	11/26/2006
Dichloromethane	U		3 0	10	µg/Kg-dry	0 79	11/26/2006
Ethylbenzene	U		0.80	5 0	µg/Kg-dry	0 79	11/26/2006
Tetrachloroethene	U		0 60	5 0	µg/Kg-dry	0 79	11/26/2006
Toluene	U		0 60	5 0	µg/Kg-dry	0 79	11/26/2006
trans-1,2-Dichloroethene	U		1.0	5 0	µg/Kg-dry	0 79	11/26/2006

Qualifiers:

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB03 18
Work Order:	0611269	**Collection Date:**	11/14/2006 9:38:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611269-11	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.60	5.0	µg/Kg-dry	0 79	11/26/2006
Trichloroethene	U		0 60	5 0	µg/Kg-dry	0 79	11/26/2006
Vinyl chloride	U		0.60	2.0	µg/Kg-dry	0 79	11/26/2006
Xylenes, Total	U		1.5	15	µg/Kg-dry	0.79	11/26/2006
Surr: 1,2-Dichloroethane-d4	*105*			*70-128*	*%REC*	0 79	11/26/2006
Surr: 4-Bromofluorobenzene	*87 6*			*73-126*	*%REC*	0.79	11/26/2006
Surr: Dibromofluoromethane	*108*			*71-128*	*%REC*	0.79	11/26/2006
Surr: Toluene-d8	*97.1*			*73-127*	*%REC*	0.79	11/26/2006
PERCENT MOISTURE		**Method: E160.3**					**Analyst MAM**
Percent Moisture	**21.4**		**0.010**	**0.0100**	**wt%**	1	11/15/2006

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB04 06
Work Order:	0611269	**Collection Date:**	11/14/2006 9:56:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611269-13	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/20/06		Analyst: JCJ
Mercury	139		1.6	14.8	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/16/06		Analyst: ALR
Antimony	2.02		0.16	0.533	mg/Kg-dry	1	11/18/2006
Arsenic	4.67		0.14	0.533	mg/Kg-dry	1	11/18/2006
Barium	521		7.5	53.3	mg/Kg-dry	100	11/18/2006
Beryllium	0.431	J	0.032	0.533	mg/Kg-dry	1	11/18/2006
Cadmium	0.684		0.032	0.533	mg/Kg-dry	1	11/18/2006
Chromium	345		7.5	53.3	mg/Kg-dry	100	11/18/2006
Copper	160		4.3	53.3	mg/Kg-dry	100	11/18/2006
Lead	1,430		9.6	53.3	mg/Kg-dry	100	11/18/2006
Nickel	12.3		0.085	0.533	mg/Kg-dry	1	11/18/2006
Selenium	0.673		0.20	0.533	mg/Kg-dry	1	11/18/2006
Silver	0.0239	J	0.021	0.533	mg/Kg-dry	1	11/18/2006
Thallium	0.0780	J	0.053	0.533	mg/Kg-dry	1	11/18/2006
Zinc	595		11	53.3	mg/Kg-dry	100	11/18/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	10.7		0.010	0.0100	wt%	1	11/15/2006

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- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB04 12
Work Order:	0611269	**Collection Date:**	11/14/2006 9:57:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611269-14	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep SW7471A / 11/20/06		Analyst JCJ
Mercury	7.42	J	1.7	16.1	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/16/06		Analyst. ALR
Antimony	U		0.17	0.598	mg/Kg-dry	1	11/18/2006
Arsenic	1.97		0.16	0.598	mg/Kg-dry	1	11/18/2006
Barium	146		0.084	0.598	mg/Kg-dry	1	11/18/2006
Beryllium	0.724		0.036	0.598	mg/Kg-dry	1	11/18/2006
Cadmium	U		0.036	0.598	mg/Kg-dry	1	11/18/2006
Chromium	11.2		0.084	0.598	mg/Kg-dry	1	11/18/2006
Copper	11.5		0.048	0.598	mg/Kg-dry	1	11/18/2006
Lead	16.2		0.11	0.598	mg/Kg-dry	1	11/18/2006
Nickel	7.85		0.096	0.598	mg/Kg-dry	1	11/18/2006
Selenium	0.780		0.23	0.598	mg/Kg-dry	1	11/18/2006
Silver	U		0.024	0.598	mg/Kg-dry	1	11/18/2006
Thallium	0.0771	J	0.060	0.598	mg/Kg-dry	1	11/18/2006
Zinc	23.8		0.12	0.598	mg/Kg-dry	1	11/18/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	18.9		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB04 18
Work Order:	0611269	**Collection Date:**	11/14/2006 10:00:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611269-15	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/20/06		Analyst: JCJ
Mercury	5.13	J	1.7	16.2	µg/Kg-dry	1	11/21/2006
ICP METALS			Method SW6020		Prep SW3050A / 11/16/06		Analyst ALR
Antimony	U		0 16	0.576	mg/Kg-dry	1	11/18/2006
Arsenic	2.51		0.15	0.576	mg/Kg-dry	1	11/18/2006
Barium	124		0.081	0.576	mg/Kg-dry	1	11/18/2006
Beryllium	0.575	J	0.035	0.576	mg/Kg-dry	1	11/18/2006
Cadmium	U		0.035	0.576	mg/Kg-dry	1	11/18/2006
Chromium	8.61		0.081	0.576	mg/Kg-dry	1	11/18/2006
Copper	8.09		0.046	0.576	mg/Kg-dry	1	11/18/2006
Lead	18.1		0.10	0.576	mg/Kg-dry	1	11/18/2006
Nickel	8.06		0.092	0.576	mg/Kg-dry	1	11/18/2006
Selenium	0.406	J	0.22	0.576	mg/Kg-dry	1	11/18/2006
Silver	U		0 023	0 576	mg/Kg-dry	1	11/18/2006
Thallium	0.0650	J	0.058	0.576	mg/Kg-dry	1	11/18/2006
Zinc	22.0		0.12	0.576	mg/Kg-dry	1	11/18/2006
TCL VOLATILE ORGANICS			Method SW8260				Analyst HLBW
1,1,1-Trichloroethane	U		0.72	5 1	µg/Kg-dry	0.832	11/25/2006
1,1,2,2-Tetrachloroethane	U		0.51	5.1	µg/Kg-dry	0.832	11/25/2006
1,1,2-Trichloroethane	U		0 51	5.1	µg/Kg-dry	0 832	11/25/2006
1,1-Dichloroethane	U		0 82	5 1	µg/Kg-dry	0 832	11/25/2006
1,1-Dichloroethene	U		1.0	5.1	µg/Kg-dry	0 832	11/25/2006
1,2-Dichloroethane	U		0.62	5 1	µg/Kg-dry	0 832	11/25/2006
1,2-Dichloropropane	U		0 62	5 1	µg/Kg-dry	0 832	11/25/2006
2-Butanone	U		0.72	10	µg/Kg-dry	0 832	11/25/2006
Benzene	U		0.62	5.1	µg/Kg-dry	0 832	11/25/2006
Bromoform	U		0.51	10	µg/Kg-dry	0 832	11/25/2006
Bromomethane	U		1 0	10	µg/Kg-dry	0.832	11/25/2006
Carbon tetrachloride	U		1 0	5.1	µg/Kg-dry	0 832	11/25/2006
Chlorobenzene	U		0 72	5 1	µg/Kg-dry	0.832	11/25/2006
Chloroethane	U		1.6	10	µg/Kg-dry	0 832	11/25/2006
Chloroform	U		0 92	5.1	µg/Kg-dry	0.832	11/25/2006
Chloromethane	U		1.1	10	µg/Kg-dry	0 832	11/25/2006
cis-1,3-Dichloropropene	U		0.62	5.1	µg/Kg-dry	0 832	11/25/2006
Dichloromethane	U		3 1	10	µg/Kg-dry	0 832	11/25/2006
Ethylbenzene	U		0 82	5.1	µg/Kg-dry	0 832	11/25/2006
Tetrachloroethene	U		0 62	5 1	µg/Kg-dry	0 832	11/25/2006
Toluene	U		0 62	5 1	µg/Kg-dry	0 832	11/25/2006
trans-1,2-Dichloroethene	U		1.0	5 1	µg/Kg-dry	0 832	11/25/2006

Qualifiers:

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contammant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB04 18
Work Order:	0611269	**Collection Date:**	11/14/2006 10:00:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611269-15	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0 62	5 1	µg/Kg-dry	0.832	11/25/2006
Trichloroethene	U		0 62	5.1	µg/Kg-dry	0.832	11/25/2006
Vinyl chloride	U		0.62	2.1	µg/Kg-dry	0.832	11/25/2006
Xylenes, Total	U		1.5	15	µg/Kg-dry	0 832	11/25/2006
Surr 1,2-Dichloroethane-d4	*104*			*70-128*	*%REC*	0 832	11/25/2006
Surr 4-Bromofluorobenzene	*85.6*			*73-126*	*%REC*	0 832	11/25/2006
Surr Dibromofluoromethane	*98.2*			*71-128*	*%REC*	0.832	11/25/2006
Surr Toluene-d8	*98.5*			*73-127*	*%REC*	0.832	11/25/2006
PERCENT MOISTURE		Method: E160.3					Analyst: MAM
Percent Moisture	**18.9**		**0.010**	**0.0100**	**wt%**	1	11/15/2006

Qualifiers:

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	DS-1
Work Order:	0611269	**Collection Date:**	11/14/2006 9:56:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611269-17	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep SW7471A / 11/20/06		Analyst: JCJ
Mercury	69.7		1.7	15.8	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep SW3050A / 11/16/06		Analyst: ALR
Antimony	0.475	J	0.15	0.528	mg/Kg-dry	1	11/18/2006
Arsenic	3.77		0.14	0.528	mg/Kg-dry	1	11/18/2006
Barium	274		7.4	52.8	mg/Kg-dry	100	11/18/2006
Beryllium	0.525	J	0.032	0.528	mg/Kg-dry	1	11/18/2006
Cadmium	0.488	J	0.032	0.528	mg/Kg-dry	1	11/18/2006
Chromium	132		7.4	52.8	mg/Kg-dry	100	11/18/2006
Copper	356		4.2	52.8	mg/Kg-dry	100	11/18/2006
Lead	473		9.5	52.8	mg/Kg-dry	100	11/18/2006
Nickel	11.6		0.085	0.528	mg/Kg-dry	1	11/18/2006
Selenium	0.783		0.20	0.528	mg/Kg-dry	1	11/18/2006
Silver	U		0.021	0.528	mg/Kg-dry	1	11/18/2006
Thallium	0.0850	J	0.053	0.528	mg/Kg-dry	1	11/18/2006
Zinc	387		11	52.8	mg/Kg-dry	100	11/18/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	16.2		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	DS-2
Work Order:	0611269	**Collection Date:**	11/14/2006 10:00:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611269-18	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**Method: SW8260**					**Analyst: HLBW**
1,1,1-Trichloroethane	U		0.73	5.2	µg/Kg-dry	0.846	11/25/2006
1,1,2,2-Tetrachloroethane	U		0.52	5.2	µg/Kg-dry	0.846	11/25/2006
1,1,2-Trichloroethane	U		0.52	5.2	µg/Kg-dry	0.846	11/25/2006
1,1-Dichloroethane	U		0.83	5.2	µg/Kg-dry	0.846	11/25/2006
1,1-Dichloroethene	U		1.0	5.2	µg/Kg-dry	0.846	11/25/2006
1,2-Dichloroethane	U		0.62	5.2	µg/Kg-dry	0.846	11/25/2006
1,2-Dichloropropane	U		0.62	5.2	µg/Kg-dry	0.846	11/25/2006
2-Butanone	U		0.73	10	µg/Kg-dry	0.846	11/25/2006
Benzene	U		0.62	5.2	µg/Kg-dry	0.846	11/25/2006
Bromoform	U		0.52	10	µg/Kg-dry	0.846	11/25/2006
Bromomethane	U		1.0	10	µg/Kg-dry	0.846	11/25/2006
Carbon tetrachloride	U		1.0	5.2	µg/Kg-dry	0.846	11/25/2006
Chlorobenzene	U		0.73	5.2	µg/Kg-dry	0.846	11/25/2006
Chloroethane	U		1.7	10	µg/Kg-dry	0.846	11/25/2006
Chloroform	U		0.93	5.2	µg/Kg-dry	0.846	11/25/2006
Chloromethane	U		1.1	10	µg/Kg-dry	0.846	11/25/2006
cis-1,3-Dichloropropene	U		0.62	5.2	µg/Kg-dry	0.846	11/25/2006
Dichloromethane	U		3.1	10	µg/Kg-dry	0.846	11/25/2006
Ethylbenzene	U		0.83	5.2	µg/Kg-dry	0.846	11/25/2006
Tetrachloroethene	U		0.62	5.2	µg/Kg-dry	0.846	11/25/2006
Toluene	U		0.62	5.2	µg/Kg-dry	0.846	11/25/2006
trans-1,2-Dichloroethene	U		1.0	5.2	µg/Kg-dry	0.846	11/25/2006
trans-1,3-Dichloropropene	U		0.62	5.2	µg/Kg-dry	0.846	11/25/2006
Trichloroethene	U		0.62	5.2	µg/Kg-dry	0.846	11/25/2006
Vinyl chloride	U		0.62	2.1	µg/Kg-dry	0.846	11/25/2006
Xylenes, Total	U		1.6	16	µg/Kg-dry	0.846	11/25/2006
Surr: 1,2-Dichloroethane-d4	*102*			*70-128*	*%REC*	0.846	11/25/2006
Surr: 4-Bromofluorobenzene	*84.6*			*73-126*	*%REC*	0.846	11/25/2006
Surr: Dibromofluoromethane	*103*			*71-128*	*%REC*	0.846	11/25/2006
Surr: Toluene-d8	*98.7*			*73-127*	*%REC*	0.846	11/25/2006
PERCENT MOISTURE		**Method: E160.3**					**Analyst: MAM**
Percent Moisture	**18.3**		**0.010**	**0.0100**	**wt%**	1	12/18/2006

Qualifiers:

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- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB05 06
Work Order:	0611269	**Collection Date:**	11/14/2006 10:19:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611269-19	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep: SW7471A / 11/20/06		Analyst JCJ
Mercury	229		1.6	14.9	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep SW3050A / 11/16/06		Analyst ALR
Antimony	3.32		0.14	0.517	mg/Kg-dry	1	11/16/2006
Arsenic	3.18		0.13	0.517	mg/Kg-dry	1	11/16/2006
Barium	400		7.2	51.7	mg/Kg-dry	100	11/18/2006
Beryllium	0.415	J	0.031	0.517	mg/Kg-dry	1	11/16/2006
Cadmium	1.11		0.031	0.517	mg/Kg-dry	1	11/16/2006
Chromium	291		7.2	51.7	mg/Kg-dry	100	11/18/2006
Copper	169		0.041	0.517	mg/Kg-dry	1	11/16/2006
Lead	1,390		9.3	51.7	mg/Kg-dry	100	11/18/2006
Nickel	13.8		0.083	0.517	mg/Kg-dry	1	11/16/2006
Selenium	1.20		0.20	0.517	mg/Kg-dry	1	11/16/2006
Silver	0.0775	J	0.021	0.517	mg/Kg-dry	1	11/16/2006
Thallium	0.165	J	0.052	0.517	mg/Kg-dry	1	11/16/2006
Zinc	1,120		10	51.7	mg/Kg-dry	100	11/18/2006
PERCENT MOISTURE			Method E160.3				Analyst. MAM
Percent Moisture	11.3		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

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- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB05 12
Work Order:	0611269	**Collection Date:**	11/14/2006 10.20:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611269-20	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/20/06		Analyst: JCJ
Mercury	60.2		1.7	16.2	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep SW3050A / 11/16/06		Analyst. ALR
Antimony	U		0 15	0.546	mg/Kg-dry	1	11/17/2006
Arsenic	4.11		0.14	0.546	mg/Kg-dry	1	11/17/2006
Barium	173		0.077	0.546	mg/Kg-dry	1	11/17/2006
Beryllium	0.764		0.033	0.546	mg/Kg-dry	1	11/17/2006
Cadmium	0.285	J	0.033	0.546	mg/Kg-dry	1	11/17/2006
Chromium	15.1		0.077	0.546	mg/Kg-dry	1	11/17/2006
Copper	22.3		0.044	0.546	mg/Kg-dry	1	11/17/2006
Lead	39.8		0.098	0.546	mg/Kg-dry	1	11/17/2006
Nickel	15.4		0.087	0.546	mg/Kg-dry	1	11/17/2006
Selenium	0.783		0.21	0.546	mg/Kg-dry	1	11/17/2006
Silver	0.0519	J	0.022	0.546	mg/Kg-dry	1	11/17/2006
Thallium	0.238	J	0.055	0.546	mg/Kg-dry	1	11/17/2006
Zinc	61.6		0.11	0.546	mg/Kg-dry	1	11/17/2006
PERCENT MOISTURE			Method: E160.3				Analyst MAM
Percent Moisture	19.7		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB05 -18
Work Order:	0611269	**Collection Date:**	11/14/2006 10:23:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611269-21	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		**Method:**	**SW7471A**		**Prep:**	**SW7471A / 11/20/06**	**Analyst: JCJ**
Mercury	**7.95**	**J**	**1.8**	**16.9**	**µg/Kg-dry**	1	11/21/2006
ICP METALS		**Method:**	**SW6020**		**Prep**	**SW3050A / 11/16/06**	**Analyst ALR**
Antimony	U		0.16	0.567	mg/Kg-dry	1	11/17/2006
Arsenic	**2.51**		**0.15**	**0.567**	**mg/Kg-dry**	1	11/17/2006
Barium	**135**		**0.079**	**0.567**	**mg/Kg-dry**	1	11/17/2006
Beryllium	**0.786**		**0.034**	**0.567**	**mg/Kg-dry**	1	11/17/2006
Cadmium	**0.0882**	**J**	**0.034**	**0.567**	**mg/Kg-dry**	1	11/17/2006
Chromium	**12.4**		**0.079**	**0.567**	**mg/Kg-dry**	1	11/17/2006
Copper	**8.02**		**0.045**	**0.567**	**mg/Kg-dry**	1	11/17/2006
Lead	**16.4**		**0.10**	**0.567**	**mg/Kg-dry**	1	11/17/2006
Nickel	**14.8**		**0.091**	**0.567**	**mg/Kg-dry**	1	11/17/2006
Selenium	**0.627**		**0.22**	**0.567**	**mg/Kg-dry**	1	11/17/2006
Silver	**0.0466**	**J**	**0.023**	**0.567**	**mg/Kg-dry**	1	11/17/2006
Thallium	**0.182**	**J**	**0.057**	**0.567**	**mg/Kg-dry**	1	11/17/2006
Zinc	**26.7**		**0.11**	**0.567**	**mg/Kg-dry**	1	11/17/2006
TCL VOLATILE ORGANICS		**Method:**	**SW8260**				**Analyst: HLBW**
1,1,1-Trichloroethane	U		0.74	5.3	µg/Kg-dry	0.82	11/25/2006
1,1,2,2-Tetrachloroethane	U		0.53	5.3	µg/Kg-dry	0.82	11/25/2006
1,1,2-Trichloroethane	U		0.53	5.3	µg/Kg-dry	0.82	11/25/2006
1,1-Dichloroethane	U		0.84	5.3	µg/Kg-dry	0.82	11/25/2006
1,1-Dichloroethene	U		1.1	5.3	µg/Kg-dry	0.82	11/25/2006
1,2-Dichloroethane	U		0.63	5.3	µg/Kg-dry	0.82	11/25/2006
1,2-Dichloropropane	U		0.63	5.3	µg/Kg-dry	0.82	11/25/2006
2-Butanone	U		0.74	11	µg/Kg-dry	0.82	11/25/2006
Benzene	U		0.63	5.3	µg/Kg-dry	0.82	11/25/2006
Bromoform	U		0.53	11	µg/Kg-dry	0.82	11/25/2006
Bromomethane	U		1.1	11	µg/Kg-dry	0.82	11/25/2006
Carbon tetrachloride	U		1.1	5.3	µg/Kg-dry	0.82	11/25/2006
Chlorobenzene	U		0.74	5.3	µg/Kg-dry	0.82	11/25/2006
Chloroethane	U		1.7	11	µg/Kg-dry	0.82	11/25/2006
Chloroform	U		0.95	5.3	µg/Kg-dry	0.82	11/25/2006
Chloromethane	U		1.2	11	µg/Kg-dry	0.82	11/25/2006
cis-1,3-Dichloropropene	U		0.63	5.3	µg/Kg-dry	0.82	11/25/2006
Dichloromethane	U		3.2	11	µg/Kg-dry	0.82	11/25/2006
Ethylbenzene	U		0.84	5.3	µg/Kg-dry	0.82	11/25/2006
Tetrachloroethene	U		0.63	5.3	µg/Kg-dry	0.82	11/25/2006
Toluene	U		0.63	5.3	µg/Kg-dry	0.82	11/25/2006
trans-1,2-Dichloroethene	U		1.1	5.3	µg/Kg-dry	0.82	11/25/2006

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- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB05 -18
Work Order:	0611269	**Collection Date:**	11/14/2006 10.23:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611269-21	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0 63	5.3	µg/Kg-dry	0 82	11/25/2006
Trichloroethene	U		0.63	5.3	µg/Kg-dry	0 82	11/25/2006
Vinyl chloride	U		0.63	2 1	µg/Kg-dry	0 82	11/25/2006
Xylenes, Total	U		1 6	16	µg/Kg-dry	0 82	11/25/2006
Surr: 1,2-Dichloroethane-d4	*96.8*			*70-128*	*%REC*	0 82	11/25/2006
Surr: 4-Bromofluorobenzene	*85.3*			*73-126*	*%REC*	0 82	11/25/2006
Surr: Dibromofluoromethane	*103*			*71-128*	*%REC*	0.82	11/25/2006
Surr: Toluene-d8	*99.2*			*73-127*	*%REC*	0.82	11/25/2006
PERCENT MOISTURE		**Method. E160.3**					**Analyst. MAM**
Percent Moisture	**22.0**		**0.010**	**0.0100**	**wt%**	1	11/15/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

QC Batch Summary Report

Golder Associates, Inc.
CRI - Superfund
Work Order 0611269

Lab Order: 0611269
Client: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611269-01A	SB01 06	11/14/2006 9 04 00 AM	Soil	ICP Metals		11/16/2006	20809	11/16/2006
				ICP Metals		11/16/2006	20809	11/18/2006
				Mercury, Total		11/20/2006	20856	11/21/2006
				Percent Moisture			R43939	11/15/2006
0611269-02A	SB01 12	11/14/2006 9 05 00 AM		ICP Metals		11/16/2006	20809	11/16/2006
				Mercury, Total		11/20/2006	20856	11/21/2006
				Percent Moisture			R43939	11/15/2006
0611269-03A	SB01 18	11/14/2006 9 06 00 AM		TCL Volatile Organics			R44179	11/25/2006
0611269-03B				ICP Metals		11/16/2006	20809	11/16/2006
				Mercury, Total		11/20/2006	20856	11/21/2006
				Percent Moisture			R43939	11/15/2006
0611269-04A	SB01 24 (Archive)	11/14/2006 9 09 00 AM		TCL Volatile Organics			R44258	11/28/2006
0611269-04B				Percent Moisture			R44452	11/30/2006
0611269-05A	SB02 06	11/14/2006 9 16 00 AM		ICP Metals		11/16/2006	20809	11/18/2006
				ICP Metals		11/16/2006	20809	11/18/2006
				ICP Metals		11/16/2006	20809	11/16/2006
				Mercury, Total		11/20/2006	20856	11/21/2006
				Percent Moisture			R43939	11/15/2006
0611269-06A	SB02 12	11/14/2006 9 17 00 AM		ICP Metals		11/16/2006	20809	11/16/2006
				ICP Metals		11/16/2006	20809	11/18/2006
				Mercury, Total		11/20/2006	20856	11/21/2006
				Percent Moisture			R43939	11/15/2006
0611269-07A	SB02 18	11/14/2006 9 19 00 AM		TCL Volatile Organics			R44179	11/25/2006
0611269-07B				ICP Metals		11/16/2006	20809	11/18/2006
				ICP Metals		11/16/2006	20809	11/16/2006
				Mercury, Total		11/20/2006	20856	11/21/2006
				Percent Moisture			R43939	11/15/2006

Lab Order: 0611269
Client: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611269-09A	SB03 06	11/14/2006 9 36 00 AM	Soil	ICP Metals		11/16/2006	20809	11/16/2006
				ICP Metals		11/16/2006	20809	11/18/2006
				ICP Metals		11/16/2006	20809	11/18/2006
				Mercury, Total		11/20/2006	20856	11/21/2006
				Percent Moisture			R43939	11/15/2006
0611269-10A	SB03 12	11/14/2006 9 37 00 AM		ICP Metals		11/16/2006	20809	11/16/2006
				ICP Metals		11/16/2006	20809	11/18/2006
				Mercury, Total		11/20/2006	20856	11/21/2006
				Percent Moisture			R43939	11/15/2006
0611269-11A	SB03 18	11/14/2006 9 38 00 AM		TCL Volatile Organics			R44203	11/26/2006
0611269-11B				ICP Metals		11/16/2006	20809	11/18/2006
				ICP Metals		11/16/2006	20809	11/16/2006
				Mercury, Total		11/20/2006	20856	11/21/2006
				Percent Moisture			R43939	11/15/2006
0611269-13A	SB04 06	11/14/2006 9 56 00 AM		ICP Metals		11/16/2006	20809	11/16/2006
				ICP Metals		11/16/2006	20809	11/18/2006
				ICP Metals		11/16/2006	20809	11/18/2006
				Mercury, Total		11/20/2006	20856	11/21/2006
				Percent Moisture			R43939	11/15/2006
0611269-14A	SB04 12	11/14/2006 9 57 00 AM		ICP Metals		11/16/2006	20809	11/16/2006
				ICP Metals		11/16/2006	20809	11/18/2006
				Mercury, Total		11/20/2006	20856	11/21/2006
				Percent Moisture			R43939	11/15/2006
0611269-15A	SB04 18	11/14/2006 10 00.00 AM		TCL Volatile Organics			R44179	11/25/2006
0611269-15B				ICP Metals		11/16/2006	20809	11/18/2006
				ICP Metals		11/16/2006	20809	11/16/2006
				Mercury, Total		11/20/2006	20856	11/21/2006

Lab Order: 0611269
Client: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611269-15B	SB04 18	11/14/2006 10 00 00 AM	Soil	Percent Moisture			R43939	11/15/2006
0611269-17A	DS-1	11/14/2006 9 56 00 AM		ICP Metals		11/16/2006	20809	11/16/2006
				ICP Metals		11/16/2006	20809	11/18/2006
				ICP Metals		11/16/2006	20809	11/18/2006
				Mercury, Total		11/20/2006	20856	11/21/2006
				Percent Moisture			R43939	11/15/2006
0611269-18A	DS-2	11/14/2006 10 00 00 AM		Percent Moisture			R45035	12/18/2006
				TCL Volatile Organics			R44179	11/25/2006
0611269-19A	SB05 06	11/14/2006 10 19 00 AM		ICP Metals		11/16/2006	20809	11/18/2006
				ICP Metals		11/16/2006	20809	11/16/2006
				Mercury, Total		11/20/2006	20856	11/21/2006
				Percent Moisture			R43939	11/15/2006
0611269-20A	SB05 12	11/14/2006 10 20 00 AM		ICP Metals		11/16/2006	20809	11/17/2006
				Mercury, Total		11/20/2006	20856	11/21/2006
				Percent Moisture			R43939	11/15/2006
0611269-21A	SB05 -18	11/14/2006 10 23 00 AM		TCL Volatile Organics			R44179	11/25/2006
0611269-21B				ICP Metals		11/16/2006	20809	11/17/2006
				Mercury, Total		11/20/2006	20856	11/21/2006
				Percent Moisture			R43939	11/15/2006

e-Lab Analytical, Inc.

CLIENT: Golder Associates, Inc.
Work Order: 0611269
Project: CRI-Superfund Wiley, Texas

Date: *Dec 19 2006*

QC BATCH REPORT

Batch ID **20809** Instrument ID **ICPMS02** Method **SW6020**

MBLK Sample ID **MBLKS1-111606** Units: **mg/Kg** Analysis Date **11/16/06 19:42**

Client ID Run ID **ICPMS02_061116A** SeqNo **998193** Prep Date: **11/16/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.50								
Arsenic	U	0 50								
Barium	U	0.50								
Beryllium	U	0 50								
Cadmium	U	0.50								
Chromium	U	0 50								
Copper	U	0.50								
Lead	0 123	0 50								J
Nickel	U	0.50								
Selenium	U	0.50								
Silver	U	0 50								
Thallium	U	0 50								
Zinc	0.235	0 50								J

LCS Sample ID **MLCSS1-111606** Units: **mg/Kg** Analysis Date **11/16/06 19:48**

Client ID Run ID. **ICPMS02_061116A** SeqNo **998194** Prep Date **11/16/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	9 475	0 50	10	0	94.8	80-120	0			
Arsenic	9 047	0 50	10	0	90 5	80-120	0			
Barium	9 165	0.50	10	0	91.6	80-120	0			
Beryllium	8.809	0 50	10	0	88 1	80-120	0			
Cadmium	9.7	0.50	10	0	97	80-120	0			
Chromium	9 623	0.50	10	0	96.2	80-120	0			
Copper	9.187	0.50	10	0	91.9	80-120	0			
Lead	9 976	0 50	10	0	99.8	80-120	0			
Nickel	9.613	0 50	10	0	96 1	80-120	0			
Selenium	8.795	0.50	10	0	88	80-120	0			
Silver	9.642	0.50	10	0	96 4	80-120	0			
Thallium	9 182	0.50	10	0	91 8	80-120	0			
Zinc	9 67	0.50	10	0	96.7	80-120	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611269
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID 20809 Instrument ID ICPMS02 Method SW6020

MS Sample ID 0611269-19AMS Units: mg/Kg Analysis Date: 11/16/06 23:56

Client ID SB05 06 Run ID: ICPMS02_061116A SeqNo: 998223 Prep Date: 11/16/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	5 13	0 46	9 174	2.947	23.8	75-125	0			S
Arsenic	9.275	0 46	9.174	2.821	70.4	75-125	0			S
Barium	382 8	0 46	9 174	356 7	285	75-125	0			SEO
Beryllium	7 319	0 46	9 174	0.3684	75.8	75-125	0			
Cadmium	8 083	0 46	9 174	0.989	77.3	75-125	0			
Chromium	291.9	0 46	9 174	269.2	248	75-125	0			SEO
Copper	182 8	0 46	9.174	149 9	359	75-125	0			SO
Lead	1196	0 46	9.174	1134	680	75-125	0			SEO
Nickel	19.35	0 46	9.174	12.28	77	75-125	0			
Selenium	6 937	0 46	9 174	1 067	64	75-125	0			S
Silver	7.136	0 46	9 174	0 06875	77	75-125	0			
Thallium	6.871	0 46	9 174	0 146	73.3	75-125	0			S
Zinc	922 9	0 46	9 174	911 8	121	75-125	0			EO

MSD Sample ID 0611269-19AMSD Units: mg/Kg Analysis Date: 11/17/06 0:02

Client ID SB05 06 Run ID ICPMS02_061116A SeqNo: 998224 Prep Date: 11/16/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	4 604	0 46	9 174	2.947	18.1	75-125	5 13	10.8	25	S
Arsenic	8 772	0 46	9 174	2 821	64.9	75-125	9 275	5.57	25	S
Barium	351.8	0 46	9.174	356.7	-53	75-125	382.8	8.44	25	SEO
Beryllium	7.162	0 46	9 174	0 3684	74 1	75-125	7 319	2.17	25	S
Cadmium	8 168	0.46	9.174	0.989	78 2	75-125	8 083	1.05	25	
Chromium	265.5	0 46	9.174	269.2	-40	75-125	291.9	9.48	25	SEO
Copper	155.8	0 46	9.174	149.9	64	75-125	182.8	16	25	SO
Lead	1117	0 46	9.174	1134	-190	75-125	1196	6.9	25	SEO
Nickel	18.67	0 46	9 174	12.28	69.6	75-125	19.35	3.57	25	S
Selenium	6.774	0 46	9.174	1.067	62.2	75-125	6 937	2.37	25	S
Silver	6.935	0 46	9 174	0.06875	74.8	75-125	7 136	2.86	25	S
Thallium	6 869	0.46	9.174	0.146	73.3	75-125	6.871	0 0267	25	S
Zinc	885.6	0 46	9 174	911 8	-286	75-125	922 9	4 13	25	SEO

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611269
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20809** Instrument ID **ICPMS02** Method. **SW6020**

DUP Sample ID **0611269-19ADUP** Units **mg/Kg** Analysis Date **11/16/06 23:44**
Client ID **SB05 06** Run ID **ICPMS02_061116A** SeqNo. **998221** Prep Date: **11/16/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	3 176	0 46	0	0	0	0-0	2 947	7 49	25	
Arsenic	2.706	0.46	0	0	0	0-0	2.821	4 15	25	
Beryllium	0 3761	0 46	0	0	0	0-0	0.3684	0	25	J
Cadmium	1 013	0 46	0	0	0	0-0	0 989	2 38	25	
Copper	154 4	0 46	0	0	0	0-0	149.9	2.95	25	
Nickel	12.38	0.46	0	0	0	0-0	12.28	0.744	25	
Selenium	0.9927	0 46	0	0	0	0-0	1.067	7.22	25	
Silver	0.05983	0.46	0	0	0	0-0	0.06875	0	25	J
Thallium	0.1206	0.46	0	0	0	0-0	0 146	0	25	J

DUP Sample ID **0611269-19ADUP** Units: **mg/Kg** Analysis Date **11/18/06 2:22**
Client ID **SB05 06** Run ID: **ICPMS02_061117A** SeqNo: **999435** Prep Date. **11/16/2006** DF **100**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	392 6	46	0	0	0	0-0	355	10.1	25	
Chromium	286.8	46	0	0	0	0-0	258 5	10.4	25	
ead	1346	46	0	0	0	0-0	1231	8 9	25	
inc	1024	46	0	0	0	0-0	991 7	3 19	25	

The following samples were analyzed in this batch:

0611269-01A	0611269-02A	0611269-03B
0611269-05A	0611269-06A	0611269-07B
0611269-09A	0611269-10A	0611269-11B
0611269-13A	0611269-14A	0611269-15B
0611269-17A	0611269-19A	0611269-20A
0611269-21B		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611269
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID 20856 Instrument ID Mercury Method SW7471A

MBLK Sample ID GBLKS1-112006 Units µg/Kg Analysis Date 11/21/06 15:33
Client ID Run ID MERCURY_061121A SeqNo: 1001287 Prep Date: 11/20/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	13								

LCS Sample ID GLCSS1-112006 Units µg/Kg Analysis Date 11/21/06 15:35
Client ID Run ID MERCURY_061121A SeqNo 1001288 Prep Date 11/20/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	346 7	13	333 3	0	104	85-115		0		

LCSD Sample ID GLCSDS1-112006 Units µg/Kg Analysis Date 11/21/06 15:37
Client ID Run ID MERCURY_061121A SeqNo 1001289 Prep Date 11/20/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	354	13	333 3	0	106	85-115	346 7	2 09	20	

MS Sample ID 0611269-19AMS Units µg/Kg Analysis Date 11/21/06 15:43
Client ID SB05 06 Run ID MERCURY_061121A SeqNo 1001292 Prep Date 11/20/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	545	13	329.5	203.3	104	85-115		0		

MS Sample ID 0611269-21BMS Units µg/Kg Analysis Date 11/21/06 15:56
Client ID SB05 -18 Run ID MERCURY_061121A SeqNo 1001298 Prep Date 11/20/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	325.3	13	330.6	6.205	96.5	85-115		0		

MSD Sample ID 0611269-19AMSD Units µg/Kg Analysis Date 11/21/06 15:46
Client ID SB05 06 Run ID MERCURY_061121A SeqNo 1001293 Prep Date 11/20/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	492 2	13	331 7	203 3	87 1	85-115	545	10.2	20	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611269
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20856** Instrument ID **Mercury** Method **SW7471A**

MSD Sample ID **0611269-21BMSD** Units **µg/Kg** Analysis Date **11/21/06 15:58**
Client ID **SB05 -18** Run ID **MERCURY_061121A** SeqNo **1001299** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	326 1	13	330	6 205	96.9	85-115	325.3	0 241	20	

DUP Sample ID **0611269-19ADUP** Units **µg/Kg** Analysis Date **11/21/06 15:41**
Client ID **SB05 06** Run ID **MERCURY_061121A** SeqNo **1001291** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	202.3	13	0	0	0		203 3	0.489	20	

DUP Sample ID **0611269-21BDUP** Units **µg/Kg** Analysis Date **11/21/06 15:54**
Client ID **SB05 -18** Run ID **MERCURY_061121A** SeqNo **1001297** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	6.962	13	0	0	0		6.205	0	20	J

The following samples were analyzed in this batch:

0611269-01A	0611269-02A	0611269-03B
0611269-05A	0611269-06A	0611269-07B
0611269-09A	0611269-10A	0611269-11B
0611269-13A	0611269-14A	0611269-15B
0611269-17A	0611269-19A	0611269-20A
0611269-21B		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611269
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID. R44179 Instrument ID VOA5 Method. SW8260

MBLK Sample ID. VBLKS-112506 Units µg/Kg Analysis Date 11/25/06 10:30

Client ID. Run ID VOA5_061125A SeqNo 1003046 Prep Date DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
2-Butanone	U	10								
Benzene	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	10								
Carbon tetrachlonde	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	10								
Chloroform	U	5.0								
Chloromethane	U	10								
cis-1,3-Dichloropropene	U	5.0								
Dichloromethane	U	10								
Ethylbenzene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								
Vinyl chloride	U	2.0								
Xylenes, Total	U	15								
Surr: 1,2-Dichloroethane-d4	*50.66*	0	*50*	0	*101*	*70-128*		0		
Surr: 4-Bromofluorobenzene	*47.79*	0	*50*	0	*95.6*	*73-126*		0		
Surr: Dibromofluoromethane	*53.53*	0	*50*	0	*107*	*71-128*		0		
Surr: Toluene-d8	*52.83*	0	*50*	0	*106*	*73-127*		0		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611269
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: R44179 Instrument ID VOA5 Method: SW8260

LCS Sample ID VLCSS-112606 Units µg/Kg Analysis Date 11/25/06 9:45
Client ID Run ID: VOA5_061125A SeqNo. 1003045 Prep Date DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	45.32	5.0	50	0	90.6	75.6-123	0			
1,1,2,2-Tetrachloroethane	46 04	5 0	50	0	92.1	75 1-120	0			
1,1,2-Trichloroethane	45 56	5.0	50	0	91 1	72.8-120	0			
1,1-Dichloroethane	44.79	5.0	50	0	89 6	75.3-121	0			
1,1-Dichloroethene	41.19	5 0	50	0	82 4	78-120	0			
1,2-Dichloroethane	43 48	5 0	50	0	87	70.6-128	0			
1,2-Dichloropropane	46 17	5 0	50	0	92 3	79 4-120	0			
2-Butanone	103 3	10	100	0	103	54.8-130	0			
Benzene	44.82	5.0	50	0	89.6	80-121	0			
Bromoform	45.33	5.0	50	0	90 7	76.9-120	0			
Bromomethane	42.67	10	50	0	85 3	58 9-132	0			
Carbon tetrachloride	44.4	5.0	50	0	88.8	71.8-130	0			
Chlorobenzene	44.3	5 0	50	0	88 6	80-120	0			
Chloroethane	45 49	10	50	0	91	62 5-135	0			
Chloroform	44.78	5 0	50	0	89.6	74.5-120	0			
Chloromethane	52 75	10	50	0	106	62.8-129	0			
's-1,3-Dichloropropene	47.63	5 0	50	0	95.3	72 7-120	0			
chloromethane	42 18	10	50	0	84.4	61 4-120	0			
ethylbenzene	44.64	5.0	50	0	89.3	79 9-122	0			
Tetrachloroethene	42 98	5 0	50	0	86	79.5-125	0			
Toluene	44.57	5 0	50	0	89.1	79.1-123	0			
trans-1,2-Dichloroethene	43.32	5.0	50	0	86.6	76.3-124	0			
trans-1,3-Dichloropropene	46 16	5.0	50	0	92.3	65-127	0			
Trichloroethene	45 8	5 0	50	0	91 6	77.1-121	0			
Vinyl chloride	50.61	2.0	50	0	101	66.1-129	0			
Xylenes, Total	137 1	15	150	0	91 4	79 4-125	0			
Surr: 1,2-Dichloroethane-d4	*49 25*	0	*50*	0	*98.5*	*70-128*	0			
Surr: 4-Bromofluorobenzene	*46 35*	0	*50*	0	*92 7*	*73-126*	0			
Surr: Dibromofluoromethane	*52 09*	0	*50*	0	*104*	*71-128*	0			
Surr: Toluene-d8	*49 5*	0	*50*	0	*99*	*73-127*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611269
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44179** Instrument ID **VOA5** Method **SW8260**

MS Sample ID **0611269-21AMS** Units: **µg/Kg** Analysis Date: **11/25/06 11:01**

Client ID **SB05 -18** Run ID: **VOA5_061125A** SeqNo: **1003047** Prep Date: DF **0.807**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	36.71	4.0	40.35	0	91	75.6-123	0			
1,1,2,2-Tetrachloroethane	34.14	4.0	40.35	0	84 6	75 1-120	0			
1,1,2-Trichloroethane	35.14	4.0	40.35	0	87.1	72 8-120	0			
1,1-Dichloroethane	37.33	4.0	40.35	0	92.5	75.3-121	0			
1,1-Dichloroethene	33.43	4.0	40.35	0	82.8	78-120	0			
1,2-Dichloroethane	34.75	4.0	40.35	0	86.1	70.6-128	0			
1,2-Dichloropropane	34.76	4.0	40.35	0	86.2	79 4-120	0			
2-Butanone	65 8	8.1	80.7	0	81.5	54 8-130	0			
Benzene	36 87	4.0	40.35	0	91 4	80-121	0			
Bromoform	34 42	4 0	40.35	0	85.3	76.9-120	0			
Bromomethane	35.68	8.1	40.35	0	88 4	58.9-132	0			
Carbon tetrachloride	37.87	4.0	40.35	0	93.9	71 8-130	0			
Chlorobenzene	35 82	4.0	40.35	0	88.8	80-120	0			
Chloroethane	37.1	8 1	40 35	0	92	62.5-135	0			
Chloroform	35.93	4.0	40.35	0	89	74.5-120	0			
Chloromethane	42.3	8.1	40 35	0	105	62.8-129	0			
cis-1,3-Dichloropropene	37.17	4 0	40 35	0	92 1	72 7-120	0			
Dichloromethane	32 6	8.1	40 35	0	80 8	61 4-120	0			
Ethylbenzene	36.01	4.0	40.35	0	89 3	79.9-122	0			
Tetrachloroethene	35.31	4 0	40 35	0	87 5	79.5-125	0			
Toluene	36.18	4 0	40 35	0	89 7	79 1-123	0			
trans-1,2-Dichloroethene	34.93	4.0	40.35	0	86.6	76.3-124	0			
trans-1,3-Dichloropropene	35.19	4.0	40.35	0	87 2	65-127	0			
Trichloroethene	35 78	4 0	40 35	0	88 7	77 1-121	0			
Vinyl chloride	41.26	1.6	40.35	0	102	66.1-129	0			
Xylenes, Total	110	12	121	0	90.9	79.4-125	0			
Surr: 1,2-Dichloroethane-d4	*37 34*	0	*40 35*	0	*92.5*	*70-128*	0			
Surr: 4-Bromofluorobenzene	*36 49*	0	*40 35*	0	*90 4*	*73-126*	0			
Surr: Dibromofluoromethane	*42 35*	0	*40.35*	0	*105*	*71-128*	0			
Surr: Toluene-d8	*40.3*	0	*40.35*	0	*99.9*	*73-127*	0			

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J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611269
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID R44179 Instrument ID VOA5 Method: SW8260

MSD Sample ID 0611269-21AMSD Units: µg/Kg Analysis Date: 11/25/06 11:23

Client ID SB05 -18 Run ID: VOA5_061125A SeqNo. 1003048 Prep Date DF 0.796

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	36 46	4.0	39.8	0	91.6	75.6-123	36.71	0.68	30	
1,1,2,2-Tetrachloroethane	34.05	4.0	39.8	0	85.5	75.1-120	34.14	0 262	30	
1,1,2-Trichloroethane	33.54	4 0	39 8	0	84.3	72.8-120	35.14	4.67	30	
1,1-Dichloroethane	35.76	4.0	39.8	0	89.8	75.3-121	37.33	4 29	30	
1,1-Dichloroethene	32 81	4.0	39 8	0	82.4	78-120	33.43	1 86	30	
1,2-Dichloroethane	32.06	4.0	39 8	0	80.6	70.6-128	34.75	8.05	30	
1,2-Dichloropropane	33 44	4.0	39.8	0	84	79.4-120	34 76	3 87	30	
2-Butanone	66.59	8.0	79 6	0	83 6	54.8-130	65 8	1 19	30	
Benzene	34.06	4 0	39.8	0	85 6	80-121	36 87	7.91	30	
Bromoform	32 29	4.0	39 8	0	81 1	76.9-120	34.42	6 38	30	
Bromomethane	34 54	8.0	39 8	0	86 8	58.9-132	35 68	3 24	30	
Carbon tetrachlonde	34 85	4.0	39.8	0	87.6	71 8-130	37.87	8.3	30	
Chlorobenzene	33 24	4.0	39 8	0	83.5	80-120	35.82	7 48	30	
Chloroethane	35 96	8 0	39 8	0	90.3	62.5-135	37 1	3 14	30	
Chloroform	35.3	4.0	39 8	0	88 7	74.5-120	35 93	1.77	30	
Chloromethane	43 81	8 0	39.8	0	110	62.8-129	42 3	3 51	30	
`s-1,3-Dichloropropene	34.52	4.0	39 8	0	86 7	72.7-120	37 17	7 39	30	
chloromethane	31.61	8 0	39 8	0	79.4	61.4-120	32 6	3.1	30	
ethylbenzene	34.22	4.0	39.8	0	86	79 9-122	36 01	5 11	30	
Tetrachloroethene	33 21	4.0	39.8	0	83.4	79.5-125	35 31	6 13	30	
Toluene	33.99	4.0	39 8	0	85.4	79 1-123	36 18	6.25	30	
trans-1,2-Dichloroethene	35.27	4.0	39 8	0	88 6	76 3-124	34 93	0.961	30	
trans-1,3-Dichloropropene	32 71	4 0	39 8	0	82.2	65-127	35 19	7 31	30	
Trichloroethene	34 16	4.0	39 8	0	85 8	77 1-121	35.78	4 61	30	
Vinyl chloride	40.67	1.6	39 8	0	102	66.1-129	41.26	1.46	30	
Xylenes, Total	103 2	12	119 4	0	86 5	79 4-125	110	6 38	30	
Surr 1,2-Dichloroethane-d4	*39 32*	0	*39 8*	0	*98 8*	*70-128*	37 34	*5.15*	*30*	
Surr 4-Bromofluorobenzene	*37 02*	0	*39 8*	0	*93*	*73-126*	36 49	*1 44*	*30*	
Surr Dibromofluoromethane	*41.97*	0	*39 8*	0	*105*	*71-128*	42 35	*0 902*	*30*	
Surr Toluene-d8	*39 86*	0	*39 8*	0	*100*	*73-127*	40.3	*1.1*	*30*	

The following samples were analyzed in this batch:

0611269-03A	0611269-07A	0611269-15A
0611269-18A	0611269-21A	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
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B - Analyte detected in assoc Method Blank
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E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611269
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44203** Instrument ID **VOA5** Method: **SW8260**

MBLK Sample ID **VBLKS-112606** Units: **µg/Kg** Analysis Date **11/26/06 23:08**

Client ID Run ID **VOA5_061126A** SeqNo. **1003613** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
2-Butanone	U	10								
Benzene	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	10								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	10								
Chloroform	U	5.0								
Chloromethane	U	10								
cis-1,3-Dichloropropene	U	5.0								
Dichloromethane	U	10								
Ethylbenzene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								
Vinyl chloride	U	2.0								
Xylenes, Total	U	15								
Surr: 1,2-Dichloroethane-d4	*50.74*	0	*50*	0	*101*	*70-128*		0		
Surr: 4-Bromofluorobenzene	*43.68*	0	*50*	0	*87.4*	*73-126*		0		
Surr: Dibromofluoromethane	*50.4*	0	*50*	0	*101*	*71-128*		0		
Surr: Toluene-d8	*46.88*	0	*50*	0	*93.8*	*73-127*		0		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611269
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: R44203 Instrument ID: VOA5 Method: SW8260

LCS Sample ID: VLCSS-112606 Units: µg/Kg Analysis Date: 11/26/06 22:44
Client ID: Run ID: VOA5_061126A SeqNo: 1003812 Prep Date: DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	53.57	5.0	50	0	107	75.6-123	0			
1,1,2,2-Tetrachloroethane	53.44	5.0	50	0	107	75.1-120	0			
1,1,2-Trichloroethane	51.65	5.0	50	0	103	72.8-120	0			
1,1-Dichloroethane	53.46	5.0	50	0	107	75.3-121	0			
1,1-Dichloroethene	48.1	5.0	50	0	96.2	78-120	0			
1,2-Dichloroethane	47.96	5.0	50	0	95.9	70.6-128	0			
1,2-Dichloropropane	52.5	5.0	50	0	105	79.4-120	0			
2-Butanone	116.4	10	100	0	116	54.8-130	0			
Benzene	51.13	5.0	50	0	102	80-121	0			
Bromoform	54.46	5.0	50	0	109	76.9-120	0			
Bromomethane	50.38	10	50	0	101	58.9-132	0			
Carbon tetrachloride	52.79	5.0	50	0	106	71.8-130	0			
Chlorobenzene	49.79	5.0	50	0	99.6	80-120	0			
Chloroethane	54.4	10	50	0	109	62.5-135	0			
Chloroform	52.23	5.0	50	0	104	74.5-120	0			
Chloromethane	62.79	10	50	0	126	62.8-129	0			
cis-1,3-Dichloropropene	55.02	5.0	50	0	110	72.7-120	0			
ichloromethane	43.92	10	50	0	87.8	61.4-120	0			
ethylbenzene	51.6	5.0	50	0	103	79.9-122	0			
Tetrachloroethene	48.49	5.0	50	0	97	79.5-125	0			
Toluene	50.56	5.0	50	0	101	79.1-123	0			
trans-1,2-Dichloroethene	51.95	5.0	50	0	104	76.3-124	0			
trans-1,3-Dichloropropene	52.05	5.0	50	0	104	65-127	0			
Trichloroethene	49.83	5.0	50	0	99.7	77.1-121	0			
Vinyl chloride	59.7	2.0	50	0	119	66.1-129	0			
Xylenes, Total	156.4	15	150	0	104	79.4-125	0			
Surr: 1,2-Dichloroethane-d4	*49.84*	0	*50*	0	*99.7*	*70-128*	0			
Surr: 4-Bromofluorobenzene	*47*	0	*50*	0	*94*	*73-126*	0			
Surr: Dibromofluoromethane	*52.12*	0	*50*	0	*104*	*71-128*	0			
Surr: Toluene-d8	*48.91*	0	*50*	0	*97.8*	*73-127*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611269
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID R44203 Instrument ID VOA5 Method SW8260

MS Sample ID 0611271-11AMS Units: µg/Kg Analysis Date 11/27/06 0:55
Client ID Run ID VOA5_061126A SeqNo: 1003615 Prep Date: DF: 0.8

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	44.48	4.0	40	0	111	75.6-123	0			
1,1,2,2-Tetrachloroethane	42.56	4.0	40	0	106	75.1-120	0			
1,1,2-Trichloroethane	43.34	4.0	40	0	108	72.8-120	0			
1,1-Dichloroethane	44.36	4.0	40	0	111	75.3-121	0			
1,1-Dichloroethene	40.28	4.0	40	0	101	78-120	0			
1,2-Dichloroethane	42.6	4.0	40	0	106	70.6-128	0			
1,2-Dichloropropane	44.5	4.0	40	0	111	79.4-120	0			
2-Butanone	93.95	8.0	80	0	117	54.8-130	0			
Benzene	43.42	4.0	40	0	109	80-121	0			
Bromoform	42.94	4.0	40	0	107	76.9-120	0			
Bromomethane	47.22	8.0	40	0	118	58.9-132	0			
Carbon tetrachloride	43.49	4.0	40	0	109	71.8-130	0			
Chlorobenzene	41.79	4.0	40	0	104	80-120	0			
Chloroethane	45.05	8.0	40	0	113	62.5-135	0			
Chloroform	45.27	4.0	40	0	113	74.5-120	0			
Chloromethane	54.03	8.0	40	0	135	62.8-129	0			S
cis-1,3-Dichloropropene	44.23	4.0	40	0	111	72.7-120	0			
Dichloromethane	40.83	8.0	40	0	102	61.4-120	0			
Ethylbenzene	41.72	4.0	40	0	104	79.9-122	0			
Tetrachloroethene	40.91	4.0	40	0	102	79.5-125	0			
Toluene	42.05	4.0	40	0	105	79.1-123	0			
trans-1,2-Dichloroethene	42.99	4.0	40	0	107	76.3-124	0			
trans-1,3-Dichloropropene	41.57	4.0	40	0	104	65-127	0			
Trichloroethene	41.8	4.0	40	0	104	77.1-121	0			
Vinyl chloride	51.89	1.6	40	0	130	66.1-129	0			S
Xylenes, Total	124.2	12	120	0	103	79.4-125	0			
Surr: 1,2-Dichloroethane-d4	*43.48*	0	*40*	0	*109*	*70-128*	0			
Surr: 4-Bromofluorobenzene	*40.62*	0	*40*	0	*102*	*73-126*	0			
Surr: Dibromofluoromethane	*45.11*	0	*40*	0	*113*	*71-128*	0			
Surr: Toluene-d8	*41.85*	0	*40*	0	*105*	*73-127*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611269
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID R44203 Instrument ID VOA5 Method: SW8260

MSD Sample ID 0611271-11AMSD Units: µg/Kg Analysis Date: 11/27/06 1:19

Client ID Run ID VOA5_061126A SeqNo: 1003616 Prep Date DF 0.78

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	41 27	3.9	39	0	106	75 6-123	44 48	7.49	30	
1,1,2,2-Tetrachloroethane	39 14	3 9	39	0	100	75 1-120	42.56	8 39	30	
1,1,2-Trichloroethane	39 96	3.9	39	0	102	72.8-120	43.34	8 12	30	
1,1-Dichloroethane	41.85	3.9	39	0	107	75.3-121	44.36	5 81	30	
1,1-Dichloroethene	37 49	3 9	39	0	96 1	78-120	40.28	7 16	30	
1,2-Dichloroethane	39 55	3.9	39	0	101	70.6-128	42.6	7 42	30	
1,2-Dichloropropane	40 4	3.9	39	0	104	79 4-120	44.5	9 66	30	
2-Butanone	76.02	7.8	78	0	97.5	54.8-130	93.95	21.1	30	
Benzene	40.01	3.9	39	0	103	80-121	43 42	8.16	30	
Bromoform	38 73	3 9	39	0	99.3	76.9-120	42 94	10.3	30	
Bromomethane	42.3	7 8	39	0	108	58 9-132	47.22	11	30	
Carbon tetrachloride	39 71	3.9	39	0	102	71.8-130	43.49	9.11	30	
Chlorobenzene	37.44	3.9	39	0	96	80-120	41 79	11	30	
Chloroethane	41	7.8	39	0	105	62.5-135	45.05	9 4	30	
Chloroform	41.99	3 9	39	0	108	74.5-120	45.27	7.52	30	
Chloromethane	49.93	7.8	39	0	128	62.8-129	54 03	7 89	30	
s-1,3-Dichloropropene	39.82	3 9	39	0	102	72.7-120	44.23	10.5	30	
chloromethane	36.58	7 8	39	0	93.8	61.4-120	40.83	11	30	
Ethylbenzene	37 48	3.9	39	0	96.1	79.9-122	41.72	10 7	30	
Tetrachloroethene	37 22	3.9	39	0	95 4	79.5-125	40.91	9.45	30	
Toluene	39 19	3.9	39	0	100	79 1-123	42 05	7.03	30	
trans-1,2-Dichloroethene	40 06	3 9	39	0	103	76 3-124	42.99	7 05	30	
trans-1,3-Dichloropropene	37 99	3 9	39	0	97.4	65-127	41.57	9.01	30	
Trichloroethene	38 38	3 9	39	0	98 4	77 1-121	41 8	8 52	30	
Vinyl chloride	47 17	1 6	39	0	121	66 1-129	51 89	9.54	30	
Xylenes, Total	115 8	12	117	0	99	79 4-125	124 2	6 93	30	
Surr: 1,2-Dichloroethane-d4	*39 5*	0	39	0	*101*	*70-128*	43.48	*9 58*	*30*	
Surr: 4-Bromofluorobenzene	*36.07*	0	39	0	*92 5*	*73-126*	40.62	*11 9*	*30*	
Surr: Dibromofluoromethane	*39.91*	0	39	0	*102*	*71-128*	45.11	*12.2*	*30*	
Surr: Toluene-d8	*38 94*	0	39	0	*99 8*	*73-127*	41.85	*7.2*	*30*	

The following samples were analyzed in this batch: 0611269-11A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611269
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID. R44258 Instrument ID VOA5 Method: SW8260

MBLK Sample ID VBLKS-112806 Units: µg/Kg Analysis Date 11/28/06 11:48
Client ID: Run ID. VOA5_061128A SeqNo: 1004788 Prep Date: DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
2-Butanone	U	10								
Benzene	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	10								
Carbon tetrachlonde	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	10								
Chloroform	U	5.0								
Chloromethane	U	10								
cis-1,3-Dichloropropene	U	5.0								
Dichloromethane	U	10								
Ethylbenzene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								
Vinyl chloride	U	2.0								
Xylenes, Total	U	15								
Surr: 1,2-Dichloroethane-d4	*46.33*	0	*50*	0	*92.7*	*70-128*		0		
Surr: 4-Bromofluorobenzene	*44.37*	0	*50*	0	*88.7*	*73-126*		0		
Surr: Dibromofluoromethane	*45.6*	0	*50*	0	*91.2*	*71-128*		0		
Surr: Toluene-d8	*47.51*	0	*50*	0	*95*	*73-127*		0		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611269
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID R44258 Instrument ID VOA5 Method SW8260

LCS Sample ID VLCSS-112806 Units: µg/Kg Analysis Date: 11/28/06 11:02

Client ID Run ID VOA5_061128A SeqNo. 1004787 Prep Date. DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	50.78	5 0	50	0	102	75 6-123	0			
1,1,2,2-Tetrachloroethane	51.81	5.0	50	0	104	75.1-120	0			
1,1,2-Trichloroethane	50.82	5.0	50	0	102	72.8-120	0			
1,1-Dichloroethane	49.75	5 0	50	0	99.5	75.3-121	0			
1,1-Dichloroethene	52.02	5.0	50	0	104	78-120	0			
1,2-Dichloroethane	51.54	5.0	50	0	103	70 6-128	0			
1,2-Dichloropropane	47.87	5.0	50	0	95 7	79 4-120	0			
2-Butanone	90 01	10	100	0	90	54.8-130	0			
Benzene	50.91	5.0	50	0	102	80-121	0			
Bromoform	51.86	5 0	50	0	104	76.9-120	0			
Bromomethane	44 39	10	50	0	88.8	58 9-132	0			
Carbon tetrachloride	50 1	5 0	50	0	100	71.8-130	0			
Chlorobenzene	48 02	5 0	50	0	96	80-120	0			
Chloroethane	50.24	10	50	0	100	62 5-135	0			
Chloroform	49 65	5.0	50	0	99.3	74.5-120	0			
Chloromethane	51 8	10	50	0	104	62.8-129	0			
cis-1,3-Dichloropropene	51 98	5.0	50	0	104	72.7-120	0			
chloromethane	49 12	10	50	0	98.2	61.4-120	0			
ethylbenzene	49 31	5 0	50	0	98.6	79 9-122	0			
Tetrachloroethene	46 7	5 0	50	0	93.4	79.5-125	0			
Toluene	48.94	5.0	50	0	97 9	79.1-123	0			
trans-1,2-Dichloroethene	48 65	5.0	50	0	97.3	76.3-124	0			
trans-1,3-Dichloropropene	49 06	5 0	50	0	98 1	65-127	0			
Trichloroethene	48 83	5.0	50	0	97 7	77 1-121	0			
Vinyl chloride	52.57	2.0	50	0	105	66 1-129	0			
Xylenes, Total	146 5	15	150	0	97.7	79 4-125	0			
Surr: 1,2-Dichloroethane-d4	*47 53*	0	*50*	0	*95 1*	*70-128*	0			
Surr: 4-Bromofluorobenzene	*47 58*	0	*50*	0	*95 2*	*73-126*	0			
Surr: Dibromofluoromethane	*48 45*	0	*50*	0	*96.9*	*71-128*	0			
Surr: Toluene-d8	*47.07*	0	*50*	0	*94 1*	*73-127*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611269
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44258** Instrument ID **VOA5** Method: **SW8260**

MS Sample ID: **0611317-26AMS** Units µg/Kg Analysis Date **11/28/06 16:24**

Client ID Run ID **VOA5_061128A** SeqNo **1004789** Prep Date: DF **0.804**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	39 6	4 0	40 2	0	98 5	75.6-123	0			
1,1,2,2-Tetrachloroethane	36.81	4.0	40 2	0	91 6	75 1-120	0			
1,1,2-Trichloroethane	36.34	4.0	40.2	0	90.4	72.8-120	0			
1,1-Dichloroethane	39.09	4.0	40 2	0	97.2	75 3-121	0			
1,1-Dichloroethene	40.08	4.0	40 2	0	99.7	78-120	0			
1,2-Dichloroethane	37 98	4.0	40.2	0	94.5	70.6-128	0			
1,2-Dichloropropane	36.22	4.0	40.2	0	90.1	79.4-120	0			
2-Butanone	74 4	8.0	80 4	0	92 5	54 8-130	0			
Benzene	38.33	4.0	40 2	0	95.3	80-121	0			
Bromoform	36.34	4.0	40.2	0	90 4	76 9-120	0			
Bromomethane	42 12	8.0	40.2	0	105	58 9-132	0			
Carbon tetrachloride	38 89	4.0	40.2	0	96 8	71.8-130	0			
Chlorobenzene	35.75	4 0	40.2	0	88.9	80-120	0			
Chloroethane	41.37	8 0	40.2	0	103	62.5-135	0			
Chloroform	38 33	4 0	40 2	0	95.3	74.5-120	0			
Chloromethane	44 01	8 0	40.2	0	109	62 8-129	0			
cis-1,3-Dichloropropene	37.25	4.0	40.2	0	92.7	72.7-120	0			
Dichloromethane	37.88	8 0	40 2	0	94.2	61 4-120	0			
Ethylbenzene	37 73	4 0	40 2	0	93.9	79.9-122	0			
Tetrachloroethene	37.63	4.0	40.2	0	93.6	79.5-125	0			
Toluene	37.24	4.0	40.2	0	92 6	79 1-123	0			
trans-1,2-Dichloroethene	40.77	4.0	40 2	0	101	76.3-124	0			
trans-1,3-Dichloropropene	34.39	4.0	40.2	0	85 5	65-127	0			
Trichloroethene	37.53	4.0	40 2	0	93 3	77 1-121	0			
Vinyl chloride	42.07	1.6	40.2	0	105	66 1-129	0			
Xylenes, Total	108 9	12	120.6	2.134	88.6	79.4-125	0			
Surr: 1,2-Dichloroethane-d4	*40 14*	0	*40 2*	0	*99 8*	*70-128*	0			
Surr: 4-Bromofluorobenzene	*37 1*	0	*40 2*	0	92 3	*73-126*	0			
Surr: Dibromofluoromethane	*40 16*	0	*40 2*	0	*99.9*	*71-128*	0			
Surr: Toluene-d8	*39.3*	0	*40 2*	0	97 8	73-127	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611269
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: **R44258** Instrument ID **VOA5** Method **SW8260**

MSD Sample ID **0611317-26AMSD** Units **µg/Kg** Analysis Date. **11/28/06 16:48**
Client ID Run ID **VOA5_061128A** SeqNo: **1004790** Prep Date DF. **0.81**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	40.04	4.0	40.5	0	98.9	75.6-123	39.6	1.11	30	
1,1,2,2-Tetrachloroethane	42.76	4.0	40.5	0	106	75.1-120	36 81	15	30	
1,1,2-Trichloroethane	35 01	4.0	40.5	0	86.4	72.8-120	36.34	3.73	30	
1,1-Dichloroethane	38.58	4.0	40 5	0	95 3	75 3-121	39 09	1.32	30	
1,1-Dichloroethene	38.13	4.0	40.5	0	94 2	78-120	40 08	4.99	30	
1,2-Dichloroethane	37 32	4.0	40.5	0	92.2	70.6-128	37.98	1 73	30	
1,2-Dichloropropane	36.33	4.0	40 5	0	89 7	79.4-120	36.22	0.302	30	
2-Butanone	82 81	8.1	81	0	102	54.8-130	74 4	10 7	30	
Benzene	36.85	4.0	40.5	0	91	80-121	38.33	3.93	30	
Bromoform	36.25	4.0	40 5	0	89.5	76 9-120	36.34	0.251	30	
Bromomethane	37 84	8.1	40.5	0	93 4	58 9-132	42 12	10.7	30	
Carbon tetrachloride	36.97	4.0	40.5	0	91.3	71 8-130	38.89	5 08	30	
Chlorobenzene	35.23	4.0	40.5	0	87	80-120	35.75	1 48	30	
Chloroethane	40 03	8.1	40.5	0	98.8	62 5-135	41.37	3 29	30	
Chloroform	37.56	4.0	40.5	0	92.7	74 5-120	38.33	2.04	30	
Chloromethane	41.86	8.1	40.5	0	103	62 8-129	44.01	5 01	30	
's-1,3-Dichloropropene	37.01	4.0	40.5	0	91.4	72.7-120	37.25	0.64	30	
chloromethane	35.8	8.1	40.5	0	88 4	61 4-120	37.88	5 66	30	
Ethylbenzene	35 24	4.0	40 5	0	87	79 9-122	37 73	6.83	30	
Tetrachloroethene	34.55	4.0	40.5	0	85.3	79.5-125	37.63	8.52	30	
Toluene	35.84	4.0	40.5	0	88.5	79.1-123	37.24	3 83	30	
trans-1,2-Dichloroethene	38 37	4.0	40.5	0	94 7	76.3-124	40.77	6 06	30	
trans-1,3-Dichloropropene	33.94	4.0	40 5	0	83 8	65-127	34 39	1.29	30	
Trichloroethene	37.5	4.0	40.5	0	92 6	77.1-121	37.53	0 0688	30	
Vinyl chloride	41.3	1.6	40.5	0	102	66 1-129	42.07	1.85	30	
Xylenes, Total	113 2	12	121.5	2 134	91 4	79.4-125	108.9	3.85	30	
Surr: 1,2-Dichloroethane-d4	*39.24*	0	*40.5*	0	*96.9*	*70-128*	40 14	*2.28*	*30*	
Surr: 4-Bromofluorobenzene	*37 53*	0	*40 5*	0	*92.7*	*73-126*	37 1	*1.16*	*30*	
Surr: Dibromofluoromethane	*39 1*	0	*40 5*	0	*96 5*	*71-128*	40 16	*2 68*	*30*	
Surr: Toluene-d8	*38 34*	0	*40 5*	0	*94.7*	*73-127*	39.3	*2 49*	*30*	

The following samples were analyzed in this batch: 0611269-04A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611269
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID R43939 Instrument ID Balance1 Method: E160.3

DUP Sample ID 0611269-01ADUP Units: wt% Analysis Date 11/15/06 0:00
Client ID SB01 06 Run ID: BALANCE1_061115D SeqNo 998027 Prep Date: DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	10.51	0.010	0	0	0	0-0	9.258	12.7	20	

DUP Sample ID 0611269-19ADUP Units: wt% Analysis Date 11/15/06 0:00
Client ID SB05 06 Run ID: BALANCE1_061115D SeqNo 998041 Prep Date: DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	11.98	0.010	0	0	0	0-0	11.3	5.9	20	

The following samples were analyzed in this batch:

0611269-01A	0611269-02A	0611269-03B
0611269-05A	0611269-06A	0611269-07B
0611269-09A	0611269-10A	0611269-11B
0611269-13A	0611269-14A	0611269-15B
0611269-17A	0611269-19A	0611269-20A
0611269-21B		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611269
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: R44452 Instrument ID Balance1 Method: E160.3

DUP Sample ID 0611269-04BDUP Units: wt% Analysis Date 11/30/06 0:00
Client ID SB01 24 (Archive) Run ID BALANCE1_061130C SeqNo 1006567 Prep Date DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	19.29	0.010	0	0	0	0-0	20.25	4.89	20	

DUP Sample ID 0611489-22ADUP Units: wt% Analysis Date: 11/30/06 0:00
Client ID Run ID BALANCE1_061130C SeqNo: 1006574 Prep Date DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	14.48	0.010	0	0	0	0-0	15.1	4.2	20	

The following samples were analyzed in this batch: 0611269-04B

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611269
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: R45035 Instrument ID Balance1 Method E160.3

DUP Sample ID 0612239-20ADUP Units: wt% Analysis Date 12/18/06 0:00
Client ID Run ID: BALANCE1_061218B SeqNo. 1018112 Prep Date DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	6 765	0 010	0	0	0	0-0	6 653	1 67	20	

DUP Sample ID. 0612246-08CDUP Units wt% Analysis Date: 12/18/06 0:00
Client ID Run ID BALANCE1_061218B SeqNo 1018123 Prep Date. DF. 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	45.19	0 010	0	0	0	0-0	48 44	6.94	20	

The following samples were analyzed in this batch: 0611269-18A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

MDLs & MQLs

Golder Associates, Inc.
CRI - Superfund
Work Order 0611269

Test Code: 8260_TCL_S
Test Number: SW8260
Test Name: TCL Volatile Organics
Matrix: Solid **Units:** µg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	1,1,1-Trichloroethane	71-55-6	0.7	5
A	1,1,2,2-Tetrachloroethane	79-34-5	0.5	5
A	1,1,2-Trichloroethane	79-00-5	0.5	5
A	1,1-Dichloroethane	75-34-3	0.8	5
A	1,1-Dichloroethene	75-35-4	1	5
A	1,2-Dichloroethane	107-06-2	0.6	5
A	1,2-Dichloropropane	78-87-5	0.6	5
A	2-Butanone	78-93-3	0.7	10
A	Benzene	71-43-2	0.6	5
A	Bromoform	75-25-2	0.5	10
A	Bromomethane	74-83-9	1	10
A	Carbon tetrachloride	56-23-5	1	5
A	Chlorobenzene	108-90-7	0.7	5
A	Chloroethane	75-00-3	1.6	10
A	Chloroform	67-66-3	0.9	5
A	Chloromethane	74-87-3	1.1	10
A	cis-1,3-Dichloropropene	10061-01-5	0.6	5
A	Dichloromethane	75-09-2	3	10
A	Ethylbenzene	100-41-4	0.8	5
A	Tetrachloroethene	127-18-4	0.6	5
A	Toluene	108-88-3	0.6	5
A	trans-1,2-Dichloroethene	156-60-5	1	5
A	trans-1,3-Dichloropropene	10061-02-6	0.6	5
A	Trichloroethene	79-01-6	0.6	5
A	Vinyl chloride	75-01-4	0.6	2
M	Xylenes, Total	1330-20-7	1.5	15
S	Surr: 1,2-Dichloroethane-d4	17060-07-0	0	0
S	Surr: 4-Bromofluorobenzene	460-00-4	0	0
S	Surr: Dibromofluoromethane	1868-53-7	0	0
S	Surr: Toluene-d8	2037-26-5	0	0

Test Code: HG_S
Test Number: SW7471A
Test Name: Mercury, Total
Matrix: Solid **Units:** µg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Mercury	7439-97-6	1.4	13.3

e-Lab Analytical, Inc. **Date:** Dec 19, 2006

Test Code: ICP_S_Low
Test Number: SW6020
Test Name: ICP Metals
Matrix: Solid **Units:** mg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Antimony	7440-36-0	0.14	0.5
A	Arsenic	7440-38-2	0.13	0.5
A	Barium	7440-39-3	0.07	0.5
A	Beryllium	7440-41-7	0.03	0.5
A	Cadmium	7440-43-9	0.03	0.5
A	Chromium	7440-47-3	0.07	0.5
A	Copper	7440-50-8	0.04	0.5
A	Lead	7439-92-1	0.09	0.5
A	Nickel	7440-02-0	0.08	0.5
A	Selenium	7782-49-2	0.19	0.5
A	Silver	7440-22-4	0.02	0.5
A	Thallium	7440-28-0	0.05	0 5
A	Zinc	7440-66-6	0.1	0.5

e-Lab Analytical, Inc.

Date: Dec 19, 2006

Test Code: MOISTURE
Test Number: E160.3
Test Name: Percent Moisture
Matrix: Soil **Units:** wt%

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Percent Moisture	MOIST	0.01	0.01

Golder Associates, Inc.

CRI Superfund

Work Order 0611271

The total number of pages in this document is _____

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- TRRP Laboratory Data Package Cover Sheet
- TRRP Checklist
- Sample Summary Table
- Chain of Custody and Sample Receipt Checklist
- Analytical Report
- QC Batch Summary Report
- MDLs and MQLs
- Metals Raw Data
- Mercury Raw Data
- Moisture Raw Data

e-Lab Analytical, Inc. **Date:** *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**TRRP Laboratory Data Package Cover Page**
Project:	CRI-Superfund Wiley, Texas	
Work Order:	0611271	

This data package consists of all or some of the following as applicable:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation:

R2 Sample identification cross-reference

R3 Test reports (analytical data sheets) for each environmental sample that includes:
- a) Items consistent with NELAC 5.13 or ISO/IEC 17025 Section 5.10
- b) dilution factors,
- c) preparation methods,
- d) cleanup methods, and
- e) if required for the project, tentatively identified compounds (TICs).

R4 Surrogate recovery data including:
- a) Calculated recovery (%R), and
- b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms for laboratory control samples (LCSs) including:
- a) LCS spiking amounts,
- b) Calculated %R for each analyte, and
- c)The laboratory's LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
- a) Samples associated with the MS/MSD clearly identified,
- b) MS/MSD spiking amounts,
- c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
- d) Calculated %Rs and relative percent differences (RPDs), and
- e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) recovery and precision:
- a) the amount of analyte measured in the duplicate,
- b) the calculated RPD, and
- c) the laboratory's QC limits for analytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;?

R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release Statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exception reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratory in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data

Check, if applicable [NA] This laboratory is an in-house laboratory controlled by the person responding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true

Patricia L. Lynch

Patricia L. Lynch

Project Manager

Laboratory Review Checklist: Reportable Data

Laboratory Name. e-Lab Analytical, Inc	LRC Date: 12/04/2006
Project Name CRI Superfund Wiley	Laboratory Job Number· 0611271
Reviewer Name Patricia L Lynch	Prep Batch Number(s): 20810, 20856, 20859, R43939, R43940, R44179 and R44203

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**CHAIN-OF-CUSTODY (C-O-C)**					
		1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		2) Were all departures from standard conditions described in an exception report?	X				
R2	OI	**SAMPLE AND QUALITY CONTROL (QC) IDENTIFICATION**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**TEST REPORTS**					
		1) Were all samples prepared and analyzed within holding times?	X				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample quantitation limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	X				
		7) Was % moisture (or solids) reported for all soil and sediment samples?	X				
		8) If required for the project, TICs reported?			X		
R4	O	**SURROGATE RECOVERY DATA**					
		1) Were surrogates added prior to extraction?	X				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	**TEST REPORTS/SUMMMARY FORMS FOR BLANK SAMPLES**					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?	X				
R6	OI	**LABORATORY CONTROL SAMPLES (LCS):**					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	X				
		6) Was the LCSD RPD within QC limits?	X				
R7	OI	**MATRIX SPIKE (MS) AND MATRIX SPIKE DUPLICATE (MSD) DATA**					
		1) Were the project/method specified analytes included in the MS and MSD?	X				
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			1
		4) Were MS/MSD RPDs within laboratory QC limits?		X			2
R8	OI	**ANALYTICAL DUPLICATE DATA**					
		1) Were appropriate analytical duplicates analyzed for each matrix?	X				
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?		X			3
R9	OI	**METHOD QUANTITATION LIMITS (MQLS):**					
		1) Are the MQLs for each method analyte listed and included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs included in the laboratory data package?	X				
R10	OI	**OTHER PROBLEMS/ANOMALIES**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		2) Were all necessary corrective actions performed for the reported data?	X				
		3) If requested, is the justification for elevated SQLs documented?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted in o the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period

2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).

3 NA = Not applicable.

4 NR = Not Reviewed.

5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked)

Laboratory Review Checklist: Supporting Data								
Laboratory Name e-lab Analytical, Inc			LRC Date 12/04/2006					
Project Name CRI Superfund Wiley			Laboratory Job Number 0611271					
Reviewer Name. Patricia L. Lynch			Prep Batch Number(s) 20810, 20856, 20859, R43939, R43940, R44179 and R44203					
#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]	
S1	OI	**INITIAL CALIBRATION (ICAL)**						
		1) Were response factors (RFs) and/or relative response factors (RRFs) for each analyte within the QC limits?	X					
		2) Were percent RSDs or correlation coefficient criteria met?	X					
		3) Was the number of standards recommended in the method used for all analytes?	X					
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X					
		5) Are ICAL data available for all instruments used?	X					
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X					
S2	OI	**INITIAL AND CONTINUING CALIBRATION VERIFICATION (ICCV AND CCV) AND**						
		1) Was the CCV analyzed at the method-required frequency?	X					
		2) Were percent differences for each analyte within the method-required QC limits?		X			4	
		3) Was the ICAL curve verified for each analyte?	X					
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X			
S3	O	**MASS SPECTRAL TUNING:**						
		1) Was the appropriate compound for the method used for tuning?	X					
		2) Were ion abundance data within the method-required QC limits?	X					
S4	O	**INTERNAL STANDARDS (IS):**						
		Were IS area counts and retention times within the method-required QC limits?	X					
S5	OI	**RAW DATA (NELAC SECTION 1 APPENDIX A GLOSSARY, AND SECTION 5.12 OR**						
		1) Were the raw data (e.g., chromatograms, spectral data) reviewed by an analyst?	X					
		2) Were data associated with manual integrations flagged on the raw data?	X					
S6	O	**DUAL COLUMN CONFIRMATION**						
		Did dual column confirmation results meet the method-required QC?			X			
S7	O	**TENTATIVELY IDENTIFIED COMPOUNDS (TICS):**						
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X			
S8	I	**INTERFERENCE CHECK SAMPLE (ICS) RESULTS:**						
		Were percent recoveries within method QC limits?	X					
S9	I	**SERIAL DILUTIONS, POST DIGESTION SPIKES, AND METHOD OF STANDARD**						
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X					
S10	OI	**PROFICIENCY TEST REPORTS:**						
		Are proficiency testing or inter-laboratory comparison results on file?	X					
S11	OI	**METHOD DETECTION LIMIT (MDL) STUDIES**						
		1) Was a MDL study performed for each reported analyte?	X					
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X					
S12	OI	**STANDARDS DOCUMENTATION**						
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X					
S13	OI	**COMPOUND/ANALYTE IDENTIFICATION PROCEDURES**						
		Are the procedures for compound/analyte identification documented?	X					
S14	OI	**DEMONSTRATION OF ANALYST COMPETENCY (DOC)**						
		1) Was DOC conducted consistent with NELAC 5C or ISO/IEC 4 2 2?	X					
		2) Is documentation of the analyst's competency up-to-date and on file?	X					
S15	OI	**VERIFICATION/VALIDATION DOCUMENTATION FOR METHODS**						
		Are all the methods used to generate the data documented, verified, and validated, where applicable, (NELAC 5 10.2 or ISO/IEC 17025 Section 5.4.5)?	X					
S16	OI	**LABORATORY STANDARD OPERATING PROCEDURES (SOPS):**						
		Are laboratory SOPs current and on file for each method performed?	X					

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period

2 O = organic analyses, I = inorganic analyses (and general chemistry, when applicable)

3 NA = Not applicable

4 NR = Not Reviewed

5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked)

Laboratory Review Checklist: Exception Report		
Laboratory Name e-Lab Analytical, Inc.		LRC Date: 12/04/2006
Project Name: CRI Superfund Wiley		Laboratory Job Number: 0611271
Reviewer Name: Patricia L. Lynch		Prep Batch Number(s): 20810, 20856, 20859, R43939, R43940, R44179 and R44203
ER #[1]	DESCRIPTION	
1	Batch 20810 Metals MS/MSD recoveries for several of the target elements are outside the control limits in sample SB08 12 due to matrix interference. Some of the data are also flagged with E and O due to the concentrations in the background sample.	
	Batch R44203 Volatiles MS/MSD recoveries for Chloromethane and Vinyl Chloride in sample SB08 18 are above the control limits. All other recoveries and all RPD's are in control.	
2	Batch 20810 Metals MS/MSD RPD for Barium is above the control limits in sample SB08 12 due to matrix interference. The data for Barium is also flagged O due to the concentration in the background sample.	
3	Batch 20810 Metals Duplicate RPD's for numerous target elements are above the control limits in sample SB08 12 due to matrix interference. The data for Barium is also flagged E due to the concentration in the background sample.	
4	Batch R44179 Volatiles CCV %D for Chloromethane is high, but this compound is not detected in the associated samples	

1 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

e-Lab Analytical, Inc. **Date:** *December 19, 2006*

CLIENT: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas
Work Order: 0611271

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
0611271-01	SB06 06	Soil		11/14/2006 10:44	11/15/2006 10:00	☐
0611271-02	SB06 12	Soil		11/14/2006 10:45	11/15/2006 10:00	☐
0611271-03	SB06 18	Soil		11/14/2006 10:46	11/15/2006 10:00	☐
0611271-04	SB06 24 (Archive)	Soil		11/14/2006 10:48	11/15/2006 10:00	☐
0611271-05	SB07 06	Soil		11/14/2006 10:56	11/15/2006 10:00	☐
0611271-06	SB07 12	Soil		11/14/2006 10:57	11/15/2006 10:00	☐
0611271-07	SB07 18	Soil		11/14/2006 10:58	11/15/2006 10:00	☐
0611271-08	SB07 24 (Archive)	Soil		11/14/2006 11:00	11/15/2006 10:00	☐
0611271-09	SB08 06	Soil		11/14/2006 11:07	11/15/2006 10.00	☐
0611271-10	SB08 12	Soil		11/14/2006 11:08	11/15/2006 10:00	☐
0611271-11	SB08 18	Soil		11/14/2006 11:10	11/15/2006 10:00	☐
0611271-12	SB08 24 (Archive)	Soil		11/14/2006 11:16	11/15/2006 10:00	☐
0611271-13	SB09-06	Soil		11/14/2006 11:25	11/15/2006 10:00	☐
0611271-14	SB09-12	Soil		11/14/2006 11:27	11/15/2006 10:00	☐
0611271-15	SB09-DS3	Soil		11/14/2006 11.27	11/15/2006 10:00	☐
0611271-16	SB09-18	Soil		11/14/2006 11:30	11/15/2006 10:00	☐
0611271-17	SB09-18 DS4	Soil		11/14/2006 11:30	11/15/2006 10:00	☐
0611271-18	SB09-24 (Archive)	Soil		11/14/2006 11.35	11/15/2006 10:00	☐

e-Lab, Inc.
QUALITY • INTEGRITY • SERVICE

Houston, Texas 77099
(Tel) 281 530.5656
(Fax) 281 530 5887

Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616 399 6185

e-Lab Project Manager:

e-Lab Work Order #: 17177

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill to Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	5-DAY TAT FOR VOCS
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	IN 2 ICE CHESTS
				F	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Preservative	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB06 06	11/14/06	1044	S		1		✓	✓								
2	12		1045			1		✓	✓								
3	18		1046			5	✓	✓	✓								
4	24 (ARCHIVE)		1048			5	✓	✓	✓								✓
5	SB07 06		1056			1		✓	✓								
6	12		1057			1		✓	✓								
7	18		1058			5	✓	✓	✓								
8	24 (ARCHIVE)		1100			5	✓	✓	✓								✓
9	SB08 06		1107			1		✓	✓								
10	12		1108			1		✓	✓								

Sample(s) Please Print & Sign: Steve Vitale

Shipment Method: FEDEX

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by: [signature] Date: 11/14/06 Time: 17:30 Received by:

Relinquished by: Date: 11/15/06 Time: 10:00 Received by (Laboratory):

Logged by (Laboratory): Date: Time: Checked by (Laboratory):

Notes: 10 Day TAT

e-Lab Analytical Cooler ID: 1125 Cooler Temp:

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

ote: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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-8-

QUALITY · INTEGRITY · SERVICE

Houston, Texas 77099
(Tel) 281 530 5656
(Fax) 281.530 5887

Holland, Michigan 49424
(Tel) 616 399 6070
(Fax) 616.399 6185

e-Lab Project Manager:

e-Lab Work Order #: 16127

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill to Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	5-DAY TAT FOR VOCS
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	IN 2 ICE CHESTS
				F	MS = matrix spike
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	MD = matrix spike duplicate
Phone	(281) 821-6868	Phone	(281) 821-6868	H	DS = duplicate sample
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

	Sample Description	Date	Time	Matrix	Preservative	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MS-S2 SB08-12	11/14/06	1108	S		1		✓	✓								
2	MD-S2 SB08-12		1108			1		✓	✓								
3	SB08-18		1110			5	✓	✓	✓								DO NOT HOLD JW
4	MS-S2 SB08-18		1110			4	✓										
5	MD-S2 SB08-18		1110			4	✓										
6	SB08-24 (ARCHIVE)		1116			5	✓	✓	✓								✓
7	SB09-06		1125			1		✓	✓								
8	-12		1127			1		✓	✓								
9	-DS3		1127			1		✓	✓								
10	-18		1130			5	✓	✓	✓								

Sample(s) Please Print & Sign: JULIE WILEY

Shipment Method: FED EX

Required Turnaround Time: (Check Box) ☑ Std. 10 Wk Days ☐ 5 Wk Days ☐ Other ☐ 2 Wk Days ☐ 24 Hour

Results Due Date:

Relinquished by: [signature] Date: 11/14/06 Time: 17:30 Received by:

Relinquished by: Date: 11/14/06 Time: 20:01 Received by (Laboratory): [signature]

Logged by (Laboratory): Date: Time: Checked by (Laboratory):

Notes: 10 Day TAT.

e-Lab Analytical Cooler ID: 925

Cooler Temp:

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4°C 9-5035

Note: 1 Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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e-Lab Analytical
QUALITY · INTEGRITY · SERVICE

Houston, Texas 77099
(Tel) 281 530.5656
(Fax) 281 530.5887

Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

e-Lab Project Manager:

e-Lab Work Order #: 06117

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	5-DAY TAT FOR VOCS
				F	IN 2 ICE CHESTS
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	DS = duplicate sample
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

ID	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB09-18 DS 4	11/14/06	1130	S		4	✓										
2	-24 (Archive)	↓	1135	↓		5	✓	✓	✓								✓
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: JULIE UTLEY JULIE UTLEY

Shipment Method: FED EX

Required Turnaround Time: (Check Box) ☑ Std. 10 Wk Days ☐ 5 Wk Days ☐ Other ☐ 3 Wk Days ☐ 24 Hour

Results Due Date:

Notes: 10 Day TAT.

Relinquished by:	Date:	Time:	Received by:
	11/14/06	17:30	
Relinquished by:	Date:	Time:	Received by (Laboratory):
	11/15/06	10:00	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):

e-Lab Analytical Cooler ID	Cooler Temp.
425	

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl, 2-HNO_3, 3-H_2SO_4, 4-NaOH, 5-$Na_2S_2O_3$, 6-$NaHSO_4$, 7-Other, 8-4°C, 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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e-Lab Analytical, Inc.

Sample Receipt Checklist

Client Name GOLDER-HOU | Date/Time Received 11/15/2006 10:00:00 AM

Work Order Number 0611271 | Received by EBF

Checklist completed by [signature] Signature 11/15/06 Date | Reviewed by [initials] Initials 11/16/06 Date

Matrix Soil | Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s)	4.8,5.1,3.7,3.3,4.7c 002		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑

Adjusted? Checked by

Login Notes

Client contacted | Date contacted | Person contacted

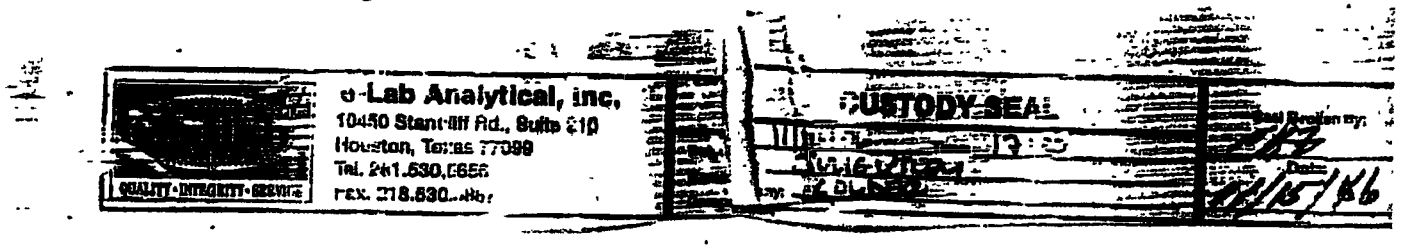
Contacted by | Regarding

Comments

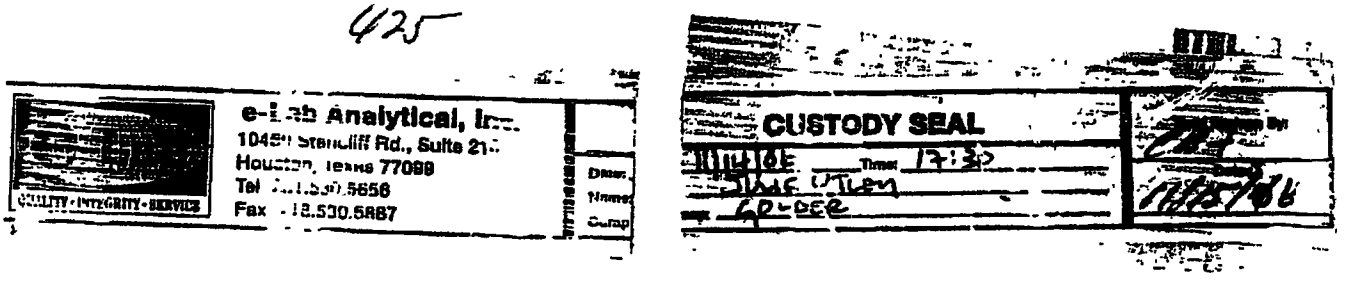
Corrective Action

1290

W.O.# 611271



425



1104

W.O.# 061271

e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281 530 5656
Fax. 281 530 5887

CUSTODY SEAL
Date: 11/14/96 Time: 1730
Name: [illegible]
Comp: GOLDER

Seal Broken By: CDT
Date: 11/15/96

FedEx US Airbill Express

FedEx Tracking Number 8586 6987 5051

Sender's Co

Please print and press hard.

Date 11/14/96 Sender's FedEx Account Number 1294-4093-7

Sender's Name Jack Plitt Phone 281 / 821-6868

Company Golder Associates

Address 500 Century Plaza Dr. STE 190

Dept./Floor/Suite/Room

City Houston State TX ZIP 77073

Your Internal Billing Reference 063-490
4 characters will appear on invoice.

To Recipient's Name Pat Lynch Phone 281 / 530-5656

Company E LAB ANALYTICAL

Recipient's Address 10450 STANCLIFF RD STE 210
Cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address
To hold a package for Add at a specific FedEx location, print FedEx address here.

City HOUSTON State TX ZIP 77099

0345281078

Schedule a pickup at fedex.com
Simplify Your Shipping. Manage Your Packages. Access all the tools you need.

4a Express Package Service — Packages up to 150 lbs.
- [X] FedEx Priority Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate.
* To most locations.

4b Express Freight Service — Packages over 150 lbs.
- [ ] FedEx 1Day Freight* — Next business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation.
** To most locations.

5 Packaging
- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

* Declared value limit $500.

6 Special Handling — Includes FedEx address in Section 2.
- [ ] SATURDAY Delivery NOT Available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location NOT Available for FedEx First Overnight.
- [ ] HOLD Saturday at FedEx Location Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods?
One box must be checked.
- [X] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment — Bill to:
- [X] Sender — Acct. No. in Section 1 will be billed
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. or Credit Card No.
Exp. Date

Total Packages: 5
Total Weight:
Total Declared Value*: $ .00
FedEx Use Only

*Your liability is limited to $100 unless you declare a higher value. See back for details. By using this Airbill you agree to the service conditions on the back of this Airbill and in the current FedEx Service Guide, including terms that limit our liability.

8 NEW Residential Delivery Signature Options — If you request a signature, check Direct or Indirect.
- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Anyone at recipient's address may sign for delivery. Fee applies.
- [ ] Indirect Signature — If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. Fee applies.

519

Rev. Date 10/96 Part #150270-Cust.-1996 FedEx PRINTED IN U.S.A. 4/97

WO# 061271

0421

e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

Date:
Name:
Company:

CUSTODY SEAL

Time: 13:30

Date: 11/6/06

11/14/06 FedEx Tracking Number 8586 6987 5051

Sender's Name Jack Plitt Phone 281 821-6868

Company Golder Associates

Address 500 Century Plaza Dr. STE 190

City Houston State TX ZIP 77073

Your Internal Billing Reference 063-4900

0335

e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

Date: 11/6

Name:

Company:

CUSTODY SEAL

Time: 13:30

Date: 11/6/06

FedEx Express US Airbill

FedEx Tracking Number 8586 6987 5051

Sender's Copy

11/14/06 Sender's FedEx Account Number 1294-4093-7

Sender's Name Jack Plitt Phone 281, 821-6868

Company Golder Associates

Address 500 Century Plaza Dr. STE 190

City Houston State TX ZIP 77073

Your Internal Billing Reference 063-4900

To Recipient's Name Pat Lynch Phone (281) 530-5656

Company E LAB ANALYTICAL

Address 10450 STANCLIFF RD STE 210

Address

City OUSTON State TX ZIP 77099

0345281078

4a Express Package Service

[X] FedEx Priority Overnight — [ ] FedEx Standard Overnight — [ ] FedEx First Overnight

[ ] FedEx 2Day — [ ] FedEx Express Saver

4b Express Freight Service

[ ] FedEx 1Day Freight — [ ] FedEx 2Day Freight — [ ] FedEx 3Day Freight

5 Packaging

[ ] FedEx Envelope — [ ] FedEx Pak — [ ] FedEx Box — [ ] FedEx Tube — [X] Other

6 Special Handling

[ ] SATURDAY Delivery — [ ] HOLD Weekday at FedEx Location — [ ] HOLD Saturday at FedEx Location

[X] No — [ ] Yes — [ ] Yes — [ ] Dry Ice — [ ] Cargo Aircraft Only

7 Payment Bill to:

[X] Sender — [ ] Recipient — [ ] Third Party — [ ] Credit Card — [ ] Cash/Check

Total Packages 5 — Total Weight — Total Declared Value $ .00

8 NEW Residential Delivery Signature Options

Analytical Report

Golder Associates, Inc.
CRI - Superfund
Work Order 0611271

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB06 06
Work Order:	0611271	**Collection Date:**	11/14/2006 10:44:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611271-01	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/20/06		Analyst: JCJ
Mercury	33.6		1.7	16.2	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/16/06		Analyst: SA
Antimony	0.898		0.15	0.550	mg/Kg-dry	1	11/16/2006
Arsenic	4.96		0.14	0.550	mg/Kg-dry	1	11/16/2006
Barium	199		0.077	0.550	mg/Kg-dry	1	11/16/2006
Beryllium	0.604		0.033	0.550	mg/Kg-dry	1	11/16/2006
Cadmium	0.350	J	0.033	0.550	mg/Kg-dry	1	11/16/2006
Chromium	137		0.077	0.550	mg/Kg-dry	1	11/16/2006
Copper	144		0.044	0.550	mg/Kg-dry	1	11/16/2006
Lead	579		9.9	55.0	mg/Kg-dry	100	11/30/2006
Nickel	13.4		0.088	0.550	mg/Kg-dry	1	11/16/2006
Selenium	1.53		0.21	0.550	mg/Kg-dry	1	11/16/2006
Silver	0.0483	J	0.022	0.550	mg/Kg-dry	1	11/16/2006
Thallium	0.158	J	0.055	0.550	mg/Kg-dry	1	11/16/2006
Zinc	513		11	55.0	mg/Kg-dry	100	11/30/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	19.5		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

- U - Analyzed for but Not Detected
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB06 12
Work Order:	0611271	**Collection Date:**	11/14/2006 10:45:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611271-02	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep SW7471A / 11/20/06		Analyst: JCJ
Mercury	1.84	J	1.8	16.6	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep SW3050A / 11/16/06		Analyst: SA
Antimony	U		0.17	0.603	mg/Kg-dry	1	11/16/2006
Arsenic	10.5		0.16	0.603	mg/Kg-dry	1	11/16/2006
Barium	167		0.084	0.603	mg/Kg-dry	1	11/16/2006
Beryllium	0.879		0.036	0.603	mg/Kg-dry	1	11/16/2006
Cadmium	0.114	J	0.036	0.603	mg/Kg-dry	1	11/16/2006
Chromium	13.2		0.084	0.603	mg/Kg-dry	1	11/16/2006
Copper	12.6		0.048	0.603	mg/Kg-dry	1	11/16/2006
Lead	41.0		0.11	0.603	mg/Kg-dry	1	11/16/2006
Nickel	21.9		0.097	0.603	mg/Kg-dry	1	11/16/2006
Selenium	1.75		0.23	0.603	mg/Kg-dry	1	11/16/2006
Silver	U		0.024	0.603	mg/Kg-dry	1	11/16/2006
Thallium	0.159	J	0.060	0.603	mg/Kg-dry	1	11/16/2006
Zinc	29.7		0.12	0.603	mg/Kg-dry	1	11/16/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	22.5		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

- U - Analyzed for but Not Detected
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB06 18
Work Order:	0611271	**Collection Date:**	11/14/2006 10:46:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611271-03	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep SW7471A / 11/20/06		Analyst: JCJ
Mercury	11.8	J	1.8	16.9	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep SW3050A / 11/16/06		Analyst: SA
Antimony	U		0.16	0.577	mg/Kg-dry	1	11/16/2006
Arsenic	4.37		0.15	0.577	mg/Kg-dry	1	11/16/2006
Barium	218		0.081	0.577	mg/Kg-dry	1	11/16/2006
Beryllium	0.785		0.035	0.577	mg/Kg-dry	1	11/16/2006
Cadmium	0.135	J	0.035	0.577	mg/Kg-dry	1	11/16/2006
Chromium	20.5		0.081	0.577	mg/Kg-dry	1	11/16/2006
Copper	12.1		0.046	0.577	mg/Kg-dry	1	11/16/2006
Lead	45.8		0.10	0.577	mg/Kg-dry	1	11/16/2006
Nickel	15.0		0.092	0.577	mg/Kg-dry	1	11/16/2006
Selenium	1.74		0.22	0.577	mg/Kg-dry	1	11/16/2006
Silver	0.0233	J	0.023	0.577	mg/Kg-dry	1	11/16/2006
Thallium	0.137	J	0.058	0.577	mg/Kg-dry	1	11/16/2006
Zinc	44.3		0.12	0.577	mg/Kg-dry	1	11/16/2006
TCL VOLATILE ORGANICS			Method: SW8260				Analyst: HLBW
1,1,1-Trichloroethane	U		0.76	5.4	µg/Kg-dry	0.849	11/27/2006
1,1,2,2-Tetrachloroethane	U		0.54	5.4	µg/Kg-dry	0.849	11/27/2006
1,1,2-Trichloroethane	U		0.54	5.4	µg/Kg-dry	0.849	11/27/2006
1,1-Dichloroethane	U		0.87	5.4	µg/Kg-dry	0.849	11/27/2006
1,1-Dichloroethene	U		1.1	5.4	µg/Kg-dry	0.849	11/27/2006
1,2-Dichloroethane	U		0.65	5.4	µg/Kg-dry	0.849	11/27/2006
1,2-Dichloropropane	U		0.65	5.4	µg/Kg-dry	0.849	11/27/2006
2-Butanone	U		0.76	11	µg/Kg-dry	0.849	11/27/2006
Benzene	U		0.65	5.4	µg/Kg-dry	0.849	11/27/2006
Bromoform	U		0.54	11	µg/Kg-dry	0.849	11/27/2006
Bromomethane	U		1.1	11	µg/Kg-dry	0.849	11/27/2006
Carbon tetrachloride	U		1.1	5.4	µg/Kg-dry	0.849	11/27/2006
Chlorobenzene	U		0.76	5.4	µg/Kg-dry	0.849	11/27/2006
Chloroethane	U		1.7	11	µg/Kg-dry	0.849	11/27/2006
Chloroform	U		0.98	5.4	µg/Kg-dry	0.849	11/27/2006
Chloromethane	U		1.2	11	µg/Kg-dry	0.849	11/27/2006
cis-1,3-Dichloropropene	U		0.65	5.4	µg/Kg-dry	0.849	11/27/2006
Dichloromethane	U		3.3	11	µg/Kg-dry	0.849	11/27/2006
Ethylbenzene	U		0.87	5.4	µg/Kg-dry	0.849	11/27/2006
Tetrachloroethene	U		0.65	5.4	µg/Kg-dry	0.849	11/27/2006
Toluene	U		0.65	5.4	µg/Kg-dry	0.849	11/27/2006
trans-1,2-Dichloroethene	U		1.1	5.4	µg/Kg-dry	0.849	11/27/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB06 18
Work Order:	0611271	**Collection Date:**	11/14/2006 10 46 00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611271-03	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.65	5.4	µg/Kg-dry	0.849	11/27/2006
Trichloroethene	U		0.65	5 4	µg/Kg-dry	0 849	11/27/2006
Vinyl chloride	U		0.65	2.2	µg/Kg-dry	0.849	11/27/2006
Xylenes, Total	U		1.6	16	µg/Kg-dry	0.849	11/27/2006
Surr 1,2-Dichloroethane-d4	*107*			*70-128*	*%REC*	0 849	11/27/2006
Surr 4-Bromofluorobenzene	*91.5*			*73-126*	*%REC*	0 849	11/27/2006
Surr Dibromofluoromethane	*105*			*71-128*	*%REC*	0.849	11/27/2006
Surr Toluene-d8	*99 4*			*73-127*	*%REC*	0 849	11/27/2006
PERCENT MOISTURE		Method: E160.3					Analyst MAM
Percent Moisture	**21.9**		**0.010**	**0.0100**	**wt%**	1	11/15/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB07 06
Work Order:	0611271	**Collection Date:**	11/14/2006 10:56:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611271-05	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep SW7471A / 11/20/06		Analyst: JCJ
Mercury	174		1.5	14.4	µg/Kg-dry	1	11/21/2006
ICP METALS			Method SW6020		Prep: SW3050A / 11/16/06		Analyst: SA
Antimony	3.29		0.14	0.489	mg/Kg-dry	1	11/16/2006
Arsenic	7.06		0.13	0.489	mg/Kg-dry	1	11/16/2006
Barium	268		6.8	48.9	mg/Kg-dry	100	12/1/2006
Beryllium	0.181	J	0.029	0.489	mg/Kg-dry	1	11/16/2006
Cadmium	0.825		0.029	0.489	mg/Kg-dry	1	11/16/2006
Chromium	541		6.8	48.9	mg/Kg-dry	100	12/1/2006
Copper	56.4		0.039	0.489	mg/Kg-dry	1	11/16/2006
Lead	2,080		8.8	48.9	mg/Kg-dry	100	12/1/2006
Nickel	11.0		0.078	0.489	mg/Kg-dry	1	11/16/2006
Selenium	2.29		0.19	0.489	mg/Kg-dry	1	11/16/2006
Silver	0.0244	J	0.020	0.489	mg/Kg-dry	1	11/16/2006
Thallium	0.0513	J	0.049	0.489	mg/Kg-dry	1	11/16/2006
Zinc	985		9.8	48.9	mg/Kg-dry	100	12/1/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	9.50		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc. **Date:** *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB07 12
Work Order:	0611271	**Collection Date:**	11/14/2006 10:57:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611271-06	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/20/06		Analyst: JCJ
Mercury	6.73	J	1.7	16.4	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/16/06		Analyst: SA
Antimony	U		0.17	0.604	mg/Kg-dry	1	11/16/2006
Arsenic	3.59		0.16	0.604	mg/Kg-dry	1	11/16/2006
Barium	189		0.085	0.604	mg/Kg-dry	1	11/16/2006
Beryllium	0.681		0.036	0.604	mg/Kg-dry	1	11/16/2006
Cadmium	0.0905	J	0.036	0.604	mg/Kg-dry	1	11/16/2006
Chromium	9.56		0.085	0.604	mg/Kg-dry	1	11/16/2006
Copper	39.8		0.048	0.604	mg/Kg-dry	1	11/16/2006
Lead	26.6		0.11	0.604	mg/Kg-dry	1	11/16/2006
Nickel	11.1		0.097	0.604	mg/Kg-dry	1	11/16/2006
Selenium	1.15		0.23	0.604	mg/Kg-dry	1	11/16/2006
Silver	0.256	J	0.024	0.604	mg/Kg-dry	1	11/16/2006
Thallium	0.0781	J	0.060	0.604	mg/Kg-dry	1	11/16/2006
Zinc	29.5		0.12	0.604	mg/Kg-dry	1	11/16/2006
PERCENT MOISTURE			Method E160.3				Analyst: MAM
Percent Moisture	19.6		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB07 18
Work Order:	0611271	**Collection Date:**	11/14/2006 10:58:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611271-07	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep SW7471A / 11/20/06		Analyst: JCJ
Mercury	7.09	J	1.8	16.8	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/16/06		Analyst: SA
Antimony	U		0 16	0.573	mg/Kg-dry	1	11/16/2006
Arsenic	3.59		0.15	0.573	mg/Kg-dry	1	11/16/2006
Barium	213		0.080	0.573	mg/Kg-dry	1	11/16/2006
Beryllium	0.691		0.034	0.573	mg/Kg-dry	1	11/16/2006
Cadmium	0.0892	J	0.034	0.573	mg/Kg-dry	1	11/16/2006
Chromium	10.5		0.080	0.573	mg/Kg-dry	1	11/16/2006
Copper	13.4		0.046	0.573	mg/Kg-dry	1	11/16/2006
Lead	11.8		0.10	0.573	mg/Kg-dry	1	11/16/2006
Nickel	12.2		0.092	0.573	mg/Kg-dry	1	11/16/2006
Selenium	1.28		0.22	0.573	mg/Kg-dry	1	11/16/2006
Silver	U		0 023	0.573	mg/Kg-dry	1	11/16/2006
Thallium	0.0895	J	0.057	0.573	mg/Kg-dry	1	11/16/2006
Zinc	22.6		0.11	0.573	mg/Kg-dry	1	11/16/2006
TCL VOLATILE ORGANICS			Method: SW8260				Analyst: HLBW
1,1,1-Trichloroethane	U		0 74	5 3	µg/Kg-dry	0 816	11/25/2006
1,1,2,2-Tetrachloroethane	U		0 53	5 3	µg/Kg-dry	0.816	11/25/2006
1,1,2-Trichloroethane	U		0 53	5 3	µg/Kg-dry	0 816	11/25/2006
1,1-Dichloroethane	U		0.85	5.3	µg/Kg-dry	0 816	11/25/2006
1,1-Dichloroethene	U		1 1	5.3	µg/Kg-dry	0 816	11/25/2006
1,2-Dichloroethane	U		0 63	5 3	µg/Kg-dry	0 816	11/25/2006
1,2-Dichloropropane	U		0.63	5 3	µg/Kg-dry	0 816	11/25/2006
2-Butanone	U		0.74	11	µg/Kg-dry	0 816	11/25/2006
Benzene	U		0 63	5 3	µg/Kg-dry	0 816	11/25/2006
Bromoform	U		0 53	11	µg/Kg-dry	0 816	11/25/2006
Bromomethane	U		1 1	11	µg/Kg-dry	0.816	11/25/2006
Carbon tetrachloride	U		1 1	5.3	µg/Kg-dry	0 816	11/25/2006
Chlorobenzene	U		0 74	5 3	µg/Kg-dry	0 816	11/25/2006
Chloroethane	U		1.7	11	µg/Kg-dry	0 816	11/25/2006
Chloroform	U		0.95	5 3	µg/Kg-dry	0.816	11/25/2006
Chloromethane	U		1 2	11	µg/Kg-dry	0 816	11/25/2006
cis-1,3-Dichloropropene	U		0 63	5 3	µg/Kg-dry	0 816	11/25/2006
Dichloromethane	U		3 2	11	µg/Kg-dry	0 816	11/25/2006
Ethylbenzene	U		0.85	5 3	µg/Kg-dry	0.816	11/25/2006
Tetrachloroethene	U		0 63	5.3	µg/Kg-dry	0 816	11/25/2006
Toluene	U		0 63	5 3	µg/Kg-dry	0 816	11/25/2006
trans-1,2-Dichloroethene	U		1 1	5 3	µg/Kg-dry	0 816	11/25/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB07 18
Work Order:	0611271	**Collection Date:**	11/14/2006 10:58:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611271-07	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.63	5.3	µg/Kg-dry	0.816	11/25/2006
Trichloroethene	U		0.63	5.3	µg/Kg-dry	0.816	11/25/2006
Vinyl chloride	U		0.63	2.1	µg/Kg-dry	0.816	11/25/2006
Xylenes, Total	U		1.6	16	µg/Kg-dry	0.816	11/25/2006
Surr: 1,2-Dichloroethane-d4	*103*			*70-128*	*%REC*	0.816	11/25/2006
Surr: 4-Bromofluorobenzene	*87.1*			*73-126*	*%REC*	0.816	11/25/2006
Surr: Dibromofluoromethane	*108*			*71-128*	*%REC*	0.816	11/25/2006
Surr: Toluene-d8	*97.4*			*73-127*	*%REC*	0.816	11/25/2006
PERCENT MOISTURE		Method: E160.3					Analyst MAM
Percent Moisture	**22.8**		**0.010**	**0.0100**	**wt%**	1	11/15/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB08 06
Work Order:	0611271	**Collection Date:**	11/14/2006 11:07:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611271-09	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/20/06		Analyst: JCJ
Mercury	10.5	J	1.7	16.0	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/16/06		Analyst: SA
Antimony	U		0.16	0.564	mg/Kg-dry	1	11/16/2006
Arsenic	4.85		0.15	0.564	mg/Kg-dry	1	11/16/2006
Barium	191		0.079	0.564	mg/Kg-dry	1	11/16/2006
Beryllium	0.757		0.034	0.564	mg/Kg-dry	1	11/16/2006
Cadmium	0.130	J	0.034	0.564	mg/Kg-dry	1	11/16/2006
Chromium	14.9		0.079	0.564	mg/Kg-dry	1	11/16/2006
Copper	18.2		0.045	0.564	mg/Kg-dry	1	11/16/2006
Lead	24.6		0.10	0.564	mg/Kg-dry	1	11/16/2006
Nickel	13.5		0.090	0.564	mg/Kg-dry	1	11/16/2006
Selenium	1.32		0.21	0.564	mg/Kg-dry	1	11/16/2006
Silver	U		0.023	0.564	mg/Kg-dry	1	11/16/2006
Thallium	0.0925	J	0.056	0.564	mg/Kg-dry	1	11/16/2006
Zinc	41.6		0.11	0.564	mg/Kg-dry	1	11/16/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	19.4		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB08 12
Work Order:	0611271	**Collection Date:**	11/14/2006 11:08:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611271-10	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep SW7471A / 11/20/06		Analyst JCJ
Mercury	9.75	J	1.7	16.5	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/16/06		Analyst. SA
Antimony	U		0 16	0.555	mg/Kg-dry	1	11/16/2006
Arsenic	3.56		0.14	0.555	mg/Kg-dry	1	11/16/2006
Barium	96.1		0.078	0.555	mg/Kg-dry	1	11/16/2006
Beryllium	0.679		0.033	0.555	mg/Kg-dry	1	11/17/2006
Cadmium	0.150	J	0.033	0.555	mg/Kg-dry	1	11/16/2006
Chromium	15.6		0.078	0.555	mg/Kg-dry	1	11/16/2006
Copper	7.56		0.044	0.555	mg/Kg-dry	1	11/16/2006
Lead	9.91		0.10	0.555	mg/Kg-dry	1	11/17/2006
Nickel	10.4		0.089	0.555	mg/Kg-dry	1	11/16/2006
Selenium	1.41		0.21	0.555	mg/Kg-dry	1	11/16/2006
Silver	U		0 022	0.555	mg/Kg-dry	1	11/16/2006
Thallium	0.125	J	0.055	0.555	mg/Kg-dry	1	11/17/2006
Zinc	31.9		0.11	0.555	mg/Kg-dry	1	11/16/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	20.2		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB08 18
Work Order:	0611271	**Collection Date:**	11/14/2006 11:10:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611271-11	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep SW7471A / 11/20/06		Analyst: JCJ
Mercury	53.8		1.7	15.9	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep SW3050A / 11/16/06		Analyst: SA
Antimony	0.346	J	0.16	0.572	mg/Kg-dry	1	11/16/2006
Arsenic	3.94		0.15	0.572	mg/Kg-dry	1	11/16/2006
Barium	191		0.080	0.572	mg/Kg-dry	1	11/16/2006
Beryllium	0.735		0.034	0.572	mg/Kg-dry	1	11/18/2006
Cadmium	0.247	J	0.034	0.572	mg/Kg-dry	1	11/16/2006
Chromium	46.3		0.080	0.572	mg/Kg-dry	1	11/16/2006
Copper	19.6		0.046	0.572	mg/Kg-dry	1	11/16/2006
Lead	131		2.1	11.4	mg/Kg-dry	20	11/20/2006
Nickel	14.7		0.092	0.572	mg/Kg-dry	1	11/16/2006
Selenium	1.10		0.22	0.572	mg/Kg-dry	1	11/16/2006
Silver	U		0 023	0.572	mg/Kg-dry	1	11/16/2006
Thallium	0.128	J	0.057	0.572	mg/Kg-dry	1	11/18/2006
Zinc	296		2.3	11.4	mg/Kg-dry	20	11/20/2006
TCL VOLATILE ORGANICS			Method: SW8260				Analyst HLBW
1,1,1-Trichloroethane	U		0 69	4.9	µg/Kg-dry	0 79	11/27/2006
1,1,2,2-Tetrachloroethane	U		0 49	4.9	µg/Kg-dry	0 79	11/27/2006
1,1,2-Trichloroethane	U		0 49	4.9	µg/Kg-dry	0.79	11/27/2006
1,1-Dichloroethane	U		0.79	4.9	µg/Kg-dry	0.79	11/27/2006
1,1-Dichloroethene	U		0.99	4 9	µg/Kg-dry	0 79	11/27/2006
1,2-Dichloroethane	U		0.59	4.9	µg/Kg-dry	0 79	11/27/2006
1,2-Dichloropropane	U		0 59	4 9	µg/Kg-dry	0 79	11/27/2006
2-Butanone	U		0.69	9 9	µg/Kg-dry	0 79	11/27/2006
Benzene	U		0.59	4.9	µg/Kg-dry	0.79	11/27/2006
Bromoform	U		0 49	9 9	µg/Kg-dry	0.79	11/27/2006
Bromomethane	U		0.99	9.9	µg/Kg-dry	0 79	11/27/2006
Carbon tetrachloride	U		0 99	4 9	µg/Kg-dry	0.79	11/27/2006
Chlorobenzene	U		0 69	4.9	µg/Kg-dry	0.79	11/27/2006
Chloroethane	U		1 6	9.9	µg/Kg-dry	0.79	11/27/2006
Chloroform	U		0.89	4.9	µg/Kg-dry	0 79	11/27/2006
Chloromethane	U		1.1	9 9	µg/Kg-dry	0 79	11/27/2006
cis-1,3-Dichloropropene	U		0.59	4.9	µg/Kg-dry	0 79	11/27/2006
Dichloromethane	U		3 0	9.9	µg/Kg-dry	0 79	11/27/2006
Ethylbenzene	U		0 79	4.9	µg/Kg-dry	0 79	11/27/2006
Tetrachloroethene	U		0 59	4 9	µg/Kg-dry	0 79	11/27/2006
Toluene	U		0.59	4 9	µg/Kg-dry	0 79	11/27/2006
trans-1,2-Dichloroethene	U		0.99	4.9	µg/Kg-dry	0 79	11/27/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB08 18
Work Order:	0611271	**Collection Date:**	11/14/2006 11:10:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611271-11	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.59	4 9	µg/Kg-dry	0 79	11/27/2006
Trichloroethene	U		0.59	4.9	µg/Kg-dry	0 79	11/27/2006
Vinyl chloride	U		0 59	2.0	µg/Kg-dry	0 79	11/27/2006
Xylenes, Total	U		1 5	15	µg/Kg-dry	0 79	11/27/2006
Surr 1,2-Dichloroethane-d4	*99 2*			*70-128*	*%REC*	0 79	11/27/2006
Surr 4-Bromofluorobenzene	*87 4*			*73-126*	*%REC*	0 79	11/27/2006
Surr Dibromofluoromethane	*104*			*71-128*	*%REC*	0 79	11/27/2006
Surr Toluene-d8	*97 2*			*73-127*	*%REC*	0 79	11/27/2006
PERCENT MOISTURE		Method: E160.3					Analyst: MAM
Percent Moisture	**19.8**		**0.010**	**0.0100**	**wt%**	1	11/15/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB09-06
Work Order:	0611271	**Collection Date:**	11/14/2006 11:25:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611271-13	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep SW7471A / 11/20/06		Analyst: JCJ
Mercury	86.7		1.6	16.0	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/16/06		Analyst: SA
Antimony	23.5		0.14	0.505	mg/Kg-dry	1	11/17/2006
Arsenic	3.02		0.13	0.505	mg/Kg-dry	1	11/17/2006
Barium	8,990		7.1	50.5	mg/Kg-dry	100	12/1/2006
Beryllium	0.0938	J	0.030	0.505	mg/Kg-dry	1	11/17/2006
Cadmium	2.28		0.030	0.505	mg/Kg-dry	1	11/17/2006
Chromium	3,100		7.1	50.5	mg/Kg-dry	100	12/1/2006
Copper	250		4.0	50.5	mg/Kg-dry	100	12/1/2006
Lead	10,300		9.1	50.5	mg/Kg-dry	100	12/1/2006
Nickel	21.4		0.081	0.505	mg/Kg-dry	1	11/17/2006
Selenium	0.495	J	0.19	0.505	mg/Kg-dry	1	11/17/2006
Silver	0.0927	J	0.020	0.505	mg/Kg-dry	1	11/17/2006
Thallium	0.0904	J	0.050	0.505	mg/Kg-dry	1	11/17/2006
Zinc	4,530		10	50.5	mg/Kg-dry	100	12/1/2006
PERCENT MOISTURE			Method E160.3				Analyst MAM
Percent Moisture	13.1		0.010	0.0100	wt%	1	11/15/2006

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- P - Dual Column results RPD > 40%
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- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB09-12
Work Order:	0611271	**Collection Date:**	11/14/2006 11:27:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611271-14	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/20/06		Analyst: JCJ
Mercury	6.19	J	1.8	16.9	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/16/06		Analyst: SA
Antimony	U		0.17	0.590	mg/Kg-dry	1	11/17/2006
Arsenic	2.51		0.16	0.590	mg/Kg-dry	1	11/17/2006
Barium	351		0.17	1.18	mg/Kg-dry	2	12/1/2006
Beryllium	0.700		0.035	0.590	mg/Kg-dry	1	11/17/2006
Cadmium	0.121	J	0.035	0.590	mg/Kg-dry	1	11/17/2006
Chromium	15.1		0.17	1.18	mg/Kg-dry	2	12/1/2006
Copper	7.89		0.094	1.18	mg/Kg-dry	2	12/1/2006
Lead	16.4		0.21	1.18	mg/Kg-dry	2	12/1/2006
Nickel	18.4		0.094	0.590	mg/Kg-dry	1	11/17/2006
Selenium	0.696		0.22	0.590	mg/Kg-dry	1	11/17/2006
Silver	0.0237	J	0.024	0.590	mg/Kg-dry	1	11/17/2006
Thallium	0.118	J	0.059	0.590	mg/Kg-dry	1	11/17/2006
Zinc	59.4		0.24	1.18	mg/Kg-dry	2	12/1/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	22.2		0.010	0.0100	wt%	1	11/15/2006

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- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB09-DS3
Work Order:	0611271	**Collection Date:**	11/14/2006 11.27:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611271-15	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep: SW7471A / 11/20/06		Analyst JCJ
Mercury	28.8		1.7	16.6	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/16/06		Analyst SA
Antimony	U		0 15	0.545	mg/Kg-dry	1	11/17/2006
Arsenic	2.92		0.14	0.545	mg/Kg-dry	1	11/17/2006
Barium	182		0.076	0.545	mg/Kg-dry	1	11/17/2006
Beryllium	0.785		0.033	0.545	mg/Kg-dry	1	11/17/2006
Cadmium	0.157	J	0.033	0.545	mg/Kg-dry	1	11/17/2006
Chromium	14.9		0.076	0.545	mg/Kg-dry	1	11/17/2006
Copper	9.38		0.044	0.545	mg/Kg-dry	1	11/17/2006
Lead	31.5		0.098	0.545	mg/Kg-dry	1	11/17/2006
Nickel	10.8		0.087	0.545	mg/Kg-dry	1	11/17/2006
Selenium	0.898		0.21	0.545	mg/Kg-dry	1	11/17/2006
Silver	0.0318	J	0.022	0.545	mg/Kg-dry	1	11/17/2006
Thallium	0.0761	J	0.054	0.545	mg/Kg-dry	1	11/17/2006
Zinc	114		0.11	0.545	mg/Kg-dry	1	11/17/2006
PERCENT MOISTURE			Method: E160.3				Analyst. MAM
Percent Moisture	20.2		0.010	0.0100	wt%	1	11/15/2006

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P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB09-18
Work Order:	0611271	**Collection Date:**	11/14/2006 11.30:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611271-16	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep SW7471A / 11/20/06		Analyst: JCJ
Mercury	15.1	J	1.7	15.9	µg/Kg-dry	1	11/21/2006
ICP METALS		Method: SW6020			Prep SW3050A / 11/16/06		Analyst. SA
Antimony	U		0.16	0.558	mg/Kg-dry	1	11/17/2006
Arsenic	3.00		0.14	0.558	mg/Kg-dry	1	11/17/2006
Barium	161		0.078	0.558	mg/Kg-dry	1	11/17/2006
Beryllium	0.714		0.033	0.558	mg/Kg-dry	1	11/17/2006
Cadmium	0.124	J	0.033	0.558	mg/Kg-dry	1	11/17/2006
Chromium	13.4		0.078	0.558	mg/Kg-dry	1	11/17/2006
Copper	17.6		0.045	0.558	mg/Kg-dry	1	11/17/2006
Lead	31.5		0.10	0.558	mg/Kg-dry	1	11/17/2006
Nickel	11.1		0.089	0.558	mg/Kg-dry	1	11/17/2006
Selenium	1.00		0.21	0.558	mg/Kg-dry	1	11/17/2006
Silver	0.0409	J	0.022	0.558	mg/Kg-dry	1	11/17/2006
Thallium	0.0940	J	0.056	0.558	mg/Kg-dry	1	11/17/2006
Zinc	34.1		0.11	0.558	mg/Kg-dry	1	11/17/2006
TCL VOLATILE ORGANICS		Method: SW8260					Analyst: HLBW
1,1,1-Trichloroethane	U		0.79	5.7	µg/Kg-dry	0.917	11/25/2006
1,1,2,2-Tetrachloroethane	U		0 57	5 7	µg/Kg-dry	0 917	11/25/2006
1,1,2-Trichloroethane	U		0 57	5.7	µg/Kg-dry	0 917	11/25/2006
1,1-Dichloroethane	U		0.91	5.7	µg/Kg-dry	0 917	11/25/2006
1,1-Dichloroethene	U		1.1	5.7	µg/Kg-dry	0 917	11/25/2006
1,2-Dichloroethane	U		0 68	5.7	µg/Kg-dry	0.917	11/25/2006
1,2-Dichloropropane	U		0 68	5.7	µg/Kg-dry	0 917	11/25/2006
2-Butanone	U		0 79	11	µg/Kg-dry	0 917	11/25/2006
Benzene	U		0 68	5.7	µg/Kg-dry	0 917	11/25/2006
Bromoform	U		0.57	11	µg/Kg-dry	0 917	11/25/2006
Bromomethane	U		1 1	11	µg/Kg-dry	0.917	11/25/2006
Carbon tetrachloride	U		1.1	5.7	µg/Kg-dry	0.917	11/25/2006
Chlorobenzene	U		0 79	5 7	µg/Kg-dry	0 917	11/25/2006
Chloroethane	U		1 8	11	µg/Kg-dry	0.917	11/25/2006
Chloroform	U		1.0	5 7	µg/Kg-dry	0 917	11/25/2006
Chloromethane	U		1 2	11	µg/Kg-dry	0 917	11/25/2006
cis-1,3-Dichloropropene	U		0 68	5 7	µg/Kg-dry	0 917	11/25/2006
Dichloromethane	U		3.4	11	µg/Kg-dry	0 917	11/25/2006
Ethylbenzene	U		0.91	5 7	µg/Kg-dry	0 917	11/25/2006
Tetrachloroethene	U		0 68	5 7	µg/Kg-dry	0 917	11/25/2006
Toluene	U		0 68	5 7	µg/Kg-dry	0 917	11/25/2006
trans-1,2-Dichloroethene	U		1.1	5 7	µg/Kg-dry	0 917	11/25/2006

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CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB09-18
Work Order:	0611271	**Collection Date:**	11/14/2006 11:30:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611271-16	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.68	5.7	µg/Kg-dry	0.917	11/25/2006
Trichloroethene	U		0.68	5.7	µg/Kg-dry	0.917	11/25/2006
Vinyl chloride	U		0.68	2.3	µg/Kg-dry	0.917	11/25/2006
Xylenes, Total	U		1.7	17	µg/Kg-dry	0.917	11/25/2006
Surr: 1,2-Dichloroethane-d4	*105*			*70-128*	*%REC*	0.917	11/25/2006
Surr: 4-Bromofluorobenzene	*87.4*			*73-126*	*%REC*	0.917	11/25/2006
Surr: Dibromofluoromethane	*103*			*71-128*	*%REC*	0.917	11/25/2006
Surr: Toluene-d8	*99.2*			*73-127*	*%REC*	0.917	11/25/2006
PERCENT MOISTURE		Method: E160.3					Analyst: MAM
Percent Moisture	**19.2**		**0.010**	**0.0100**	**wt%**	1	11/15/2006

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E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 19, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB09-18 DS4
Work Order:	0611271	**Collection Date:**	11/14/2006 11.30:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611271-17	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**Method: SW8260**					**Analyst HLBW**
1,1,1-Trichloroethane	U		0 73	5.2	µg/Kg-dry	0 833	11/25/2006
1,1,2,2-Tetrachloroethane	U		0 52	5.2	µg/Kg-dry	0 833	11/25/2006
1,1,2-Trichloroethane	U		0 52	5.2	µg/Kg-dry	0 833	11/25/2006
1,1-Dichloroethane	U		0.83	5 2	µg/Kg-dry	0 833	11/25/2006
1,1-Dichloroethene	U		1.0	5 2	µg/Kg-dry	0 833	11/25/2006
1,2-Dichloroethane	U		0 63	5.2	µg/Kg-dry	0 833	11/25/2006
1,2-Dichloropropane	U		0.63	5.2	µg/Kg-dry	0 833	11/25/2006
2-Butanone	U		0.73	10	µg/Kg-dry	0 833	11/25/2006
Benzene	U		0.63	5.2	µg/Kg-dry	0 833	11/25/2006
Bromoform	U		0.52	10	µg/Kg-dry	0 833	11/25/2006
Bromomethane	U		1 0	10	µg/Kg-dry	0.833	11/25/2006
Carbon tetrachloride	U		1 0	5.2	µg/Kg-dry	0 833	11/25/2006
Chlorobenzene	U		0.73	5 2	µg/Kg-dry	0 833	11/25/2006
Chloroethane	U		1.7	10	µg/Kg-dry	0 833	11/25/2006
Chloroform	U		0.94	5 2	µg/Kg-dry	0 833	11/25/2006
Chloromethane	U		1 1	10	µg/Kg-dry	0 833	11/25/2006
cis-1,3-Dichloropropene	U		0.63	5 2	µg/Kg-dry	0 833	11/25/2006
Dichloromethane	U		3 1	10	µg/Kg-dry	0 833	11/25/2006
Ethylbenzene	U		0.83	5 2	µg/Kg-dry	0 833	11/25/2006
Tetrachloroethene	U		0.63	5 2	µg/Kg-dry	0 833	11/25/2006
Toluene	U		0.63	5.2	µg/Kg-dry	0 833	11/25/2006
trans-1,2-Dichloroethene	U		1.0	5 2	µg/Kg-dry	0 833	11/25/2006
trans-1,3-Dichloropropene	U		0 63	5.2	µg/Kg-dry	0 833	11/25/2006
Trichloroethene	U		0 63	5.2	µg/Kg-dry	0 833	11/25/2006
Vinyl chloride	U		0 63	2.1	µg/Kg-dry	0 833	11/25/2006
Xylenes, Total	U		1 6	16	µg/Kg-dry	0.833	11/25/2006
Surr: 1,2-Dichloroethane-d4	*101*			*70-128*	*%REC*	0 833	11/25/2006
Surr: 4-Bromofluorobenzene	*87.8*			*73-126*	*%REC*	0 833	11/25/2006
Surr: Dibromofluoromethane	*104*			*71-128*	*%REC*	0 833	11/25/2006
Surr: Toluene-d8	*96 8*			*73-127*	*%REC*	0.833	11/25/2006
PERCENT MOISTURE		**Method E160.3**					**Analyst: MAM**
Percent Moisture	**20.1**		**0.010**	**0.0100**	**wt%**	**1**	**12/18/2006**

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- H - Analyzed outside of Hold Time

QC Batch Summary Report

Golder Associates, Inc.
CRI - Superfund
Work Order 0611271

Lab Order: 0611271
Client: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611271-01A	SB06 06	11/14/2006 10 44 00 AM	Soil	ICP Metals		11/16/2006	20810	11/16/2006
				ICP Metals		11/16/2006	20810	11/30/2006
				Mercury, Total		11/20/2006	20856	11/21/2006
				Percent Moisture			R43939	11/15/2006
0611271-02A	SB06 12	11/14/2006 10 45 00 AM		ICP Metals		11/16/2006	20810	11/16/2006
				Mercury, Total		11/20/2006	20856	11/21/2006
				Percent Moisture			R43939	11/15/2006
0611271-03A	SB06 18	11/14/2006 10 46 00 AM		TCL Volatile Organics			R44203	11/27/2006
0611271-03B				ICP Metals		11/16/2006	20810	11/16/2006
				Mercury, Total		11/20/2006	20856	11/21/2006
				Percent Moisture			R43939	11/15/2006
0611271-05A	SB07 06	11/14/2006 10 56 00 AM		ICP Metals		11/16/2006	20810	12/1/2006
				ICP Metals		11/16/2006	20810	11/16/2006
				Mercury, Total		11/20/2006	20856	11/21/2006
				Percent Moisture			R43939	11/15/2006
0611271-06A	SB07 12	11/14/2006 10 57 00 AM		ICP Metals		11/16/2006	20810	11/16/2006
				Mercury, Total		11/20/2006	20859	11/21/2006
				Percent Moisture			R43940	11/15/2006
0611271-07A	SB07 18	11/14/2006 10.58 00 AM		TCL Volatile Organics			R44179	11/25/2006
0611271-07B				ICP Metals		11/16/2006	20810	11/16/2006
				Mercury, Total		11/20/2006	20859	11/21/2006
				Percent Moisture			R43940	11/15/2006
0611271-09A	SB08 06	11/14/2006 11 07 00 AM		ICP Metals		11/16/2006	20810	11/16/2006
				Mercury, Total		11/20/2006	20859	11/21/2006
				Percent Moisture			R43940	11/15/2006
0611271-10A	SB08 12	11/14/2006 11 08 00 AM		ICP Metals		11/16/2006	20810	11/16/2006
				ICP Metals		11/16/2006	20810	11/17/2006

Lab Order: 0611271
Client: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611271-10A	SB08 12	11/14/2006 11.08.00 AM	Soil	Mercury, Total		11/20/2006	20859	11/21/2006
				Percent Moisture			R43940	11/15/2006
0611271-11A	SB08 18	11/14/2006 11 10 00 AM		TCL Volatile Organics			R44203	11/27/2006
0611271-11B				ICP Metals		11/16/2006	20810	11/18/2006
				ICP Metals		11/16/2006	20810	11/16/2006
				ICP Metals		11/16/2006	20810	11/20/2006
				Mercury, Total		11/20/2006	20859	11/21/2006
				Percent Moisture			R43940	11/15/2006
0611271-13A	SB09-06	11/14/2006 11 25 00 AM		ICP Metals		11/16/2006	20810	11/17/2006
				ICP Metals		11/16/2006	20810	12/1/2006
				Mercury, Total		11/20/2006	20859	11/21/2006
				Percent Moisture			R43940	11/15/2006
0611271-14A	SB09-12	11/14/2006 11.27 00 AM		ICP Metals		11/16/2006	20810	11/17/2006
				ICP Metals		11/16/2006	20810	12/1/2006
				Mercury, Total		11/20/2006	20859	11/21/2006
				Percent Moisture			R43940	11/15/2006
0611271-15A	SB09-DS3			ICP Metals		11/16/2006	20810	11/17/2006
				Mercury, Total		11/20/2006	20859	11/21/2006
				Percent Moisture			R43940	11/15/2006
0611271-16A	SB09-18	11/14/2006 11 30 00 AM		TCL Volatile Organics			R44179	11/25/2006
0611271-16B				ICP Metals		11/16/2006	20810	11/17/2006
				Mercury, Total		11/20/2006	20859	11/21/2006
				Percent Moisture			R43940	11/15/2006
0611271-17A	SB09-18 DS4			Percent Moisture			R45039	12/18/2006
				TCL Volatile Organics			R44179	11/25/2006

e-Lab Analytical, Inc.

CLIENT: Golder Associates, Inc.
Work Order: 0611271
Project: CRI-Superfund Wiley, Texas

Date: *Dec 19 2006*

QC BATCH REPORT

Batch ID **20810** Instrument ID **ICP7500** Method. **SW6020**

MBLK Sample ID **MBLKS2-111606** Units **mg/Kg** Analysis Date **11/20/06 16:58**

Client ID Run ID: **ICP7500_061120A** SeqNo. **1000517** Prep Date. **11/16/2006** DF. **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.50								
Arsenic	U	0 50								
Barium	U	0.50								
Beryllium	U	0 50								
Cadmium	U	0.50								
Chromium	U	0 50								
Copper	U	0 50								
Lead	U	0.50								
Nickel	U	0.50								
Selenium	U	0.50								
Silver	U	0.50								
Thallium	U	0 50								
Zinc	0 1584	0 50								J

LCS Sample ID **MLCSS2-111606** Units **mg/Kg** Analysis Date **11/16/06 20:28**

Client ID. Run ID: **ICP7500_061116A** SeqNo: **999042** Prep Date **11/16/2006** DF. **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	9 697	0 50	10	0	97	80-120	0			
Arsenic	9 418	0 50	10	0	94 2	80-120	0			
Barium	9 681	0.50	10	0	96 8	80-120	0			
Beryllium	8.934	0.50	10	0	89.3	80-120	0			
Cadmium	9 435	0.50	10	0	94 4	80-120	0			
Chromium	10 28	0 50	10	0	103	80-120	0			
Copper	9 746	0 50	10	0	97.5	80-120	0			
Lead	10.14	0.50	10	0	101	80-120	0			
Nickel	10 16	0.50	10	0	102	80-120	0			
Selenium	8 757	0 50	10	0	87.6	80-120	0			
Silver	9 904	0 50	10	0	99	80-120	0			
Thallium	9.305	0 50	10	0	93	80-120	0			
Zinc	9 249	0 50	10	0	92.5	80-120	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611271
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20810** Instrument ID **ICP7500** Method **SW6020**

MS Sample ID **0611271-10AMS** Units: **mg/Kg** Analysis Date: **11/16/06 23:02**
Client ID: **SB08 12** Run ID **ICP7500_061116A** SeqNo: **999059** Prep Date **11/16/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	10.17	0 44	8.85	2 842	82.8	75-125	0			
Barium	208.3	0 44	8.85	76 69	1490	75-125	0			SEO
Cadmium	7.713	0 44	8.85	0 1198	85 8	75-125	0			
Chromium	21.15	0 44	8.85	12 41	98.8	75-125	0			
Copper	13 42	0.44	8.85	6.027	83 5	75-125	0			
Nickel	16 04	0.44	8 85	8.263	87.8	75-125	0			
Silver	7 426	0 44	8 85	-0 0118	84	75-125	0			
Zinc	34.51	0.44	8.85	25 42	103	75-125	0			

MS Sample ID: **0611271-10AMS** Units. **mg/Kg** Analysis Date **11/20/06 17:04**
Client ID **SB08 12** Run ID **ICP7500_061120A** SeqNo. **1000518** Prep Date. **11/18/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	2 173	0 44	8 85	0.002732	24.5	75-125	0			S
Beryllium	7 798	0 44	8.85	0.5413	82	75-125	0			
Lead	19.73	0 44	8.85	7.907	134	75-125	0			S
Selenium	8.269	0 44	8.85	1.092	81 1	75-125	0			
Thallium	8 85	0.44	8.85	0.09991	98.9	75-125	0			

MSD Sample ID **0611271-10AMSD** Units. **mg/Kg** Analysis Date **11/16/06 23:14**
Client ID **SB08 12** Run ID. **ICP7500_061116A** SeqNo **999060** Prep Date **11/16/2006** DF. **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	143 1	0 44	8 85	76.69	750	75-125	208 3	37 1	25	SRO
Cadmium	7 612	0 44	8.85	0.1198	84.7	75-125	7.713	1 33	25	
Chromium	19.29	0.44	8 85	12 41	77.8	75-125	21 15	9 19	25	
Copper	12.04	0 44	8 85	6 027	68	75-125	13 42	10.8	25	S
Nickel	14 91	0 44	8 85	8.263	75 1	75-125	16 04	7 26	25	
Silver	7.304	0 44	8.85	-0.0118	82 7	75-125	7.426	1 66	25	
Zinc	30.79	0 44	8.85	25 42	60 7	75-125	34.51	11 4	25	S

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611271
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID 20810 Instrument ID ICP7500 Method. SW6020

MSD Sample ID 0611271-10AMSD Units mg/Kg Analysis Date 11/20/06 17:10

Client ID SB08 12 Run ID ICP7500_061120A SeqNo 1000519 Prep Date. 11/16/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	2 112	0 44	8.85	0 002732	23.8	75-125	2.173	2.81	25	S
Arsenic	10 12	0.44	8.85	2.665	84.3	75-125	11 42	12	25	
Beryllium	7.65	0.44	8.85	0.5413	80.3	75-125	7.798	1 92	25	
Lead	16.84	0 44	8.85	7.907	101	75-125	19.73	15 8	25	
Selenium	7 904	0 44	8.85	1 092	77	75-125	8.269	4 52	25	
Thallium	8 586	0 44	8.85	0.09991	95.9	75-125	8.85	3.03	25	

DUP Sample ID 0611271-10ADUP Units mg/Kg Analysis Date 11/16/06 22:56

Client ID. SB08 12 Run ID ICP7500_061116A SeqNo. 999058 Prep Date. 11/16/2006 DF. 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0 44	0	0	0	0-0	0 08548	0	25	
Arsenic	7 466	0 44	0	0	0	0-0	2 842	89 7	25	R
Barium	395 5	0 44	0	0	0	0-0	76 69	135	25	RE
Cadmium	0.1106	0 44	0	0	0	0-0	0 1198	0	25	J
Chromium	13 78	0 44	0	0	0	0-0	12 41	10 5	25	
Copper	11 05	0 44	0	0	0	0-0	6 027	58 8	25	R
Nickel	14 26	0 44	0	0	0	0-0	8 263	53 2	25	R
Selenium	1.127	0 44	0	0	0	0-0	1 127	0 0785	25	
Silver	U	0 44	0	0	0	0-0	-0 0118	0	25	
Zinc	29 66	0 44	0	0	0	0-0	25 42	15 4	25	

DUP Sample ID 0611271-10ADUP Units mg/Kg Analysis Date 11/17/06 23:55

Client ID SB08 12 Run ID: ICP7500_061117A SeqNo 999916 Prep Date: 11/16/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Beryllium	0 795	0.44	0	0	0	0-0	0.5413	38	25	R
Lead	26 92	0 44	0	0	0	0-0	7.907	109	25	R
Thallium	0.118	0 44	0	0	0	0-0	0.09991	0	25	J

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
- Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611271
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID 20810 Instrument ID ICP7500 Method. SW6020

PDS Sample ID 0611271-10ABS Units mg/Kg Analysis Date: 11/16/06 23:20
Client ID SB08 12 Run ID ICP7500_061116A SeqNo 999061 Prep Date DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	8 172	0 44	8.85	0.08548	91.4	75-125	0			
Arsenic	10.61	0 44	8 85	2.842	87.8	75-125	0			
Barium	84.5	0 44	8 85	76 69	88.2	75-125	0			O
Cadmium	7 994	0.44	8.85	0 1198	89	75-125	0			
Chromium	20.3	0 44	8.85	12 41	89.2	75-125	0			
Copper	13.29	0 44	8.85	6.027	82.1	75-125	0			
Nickel	16 18	0.44	8 85	8 263	89.4	75-125	0			
Selenium	8.885	0 44	8.85	1.127	87 7	75-125	0			
Silver	7 711	0.44	8.85	-0.0118	87.3	75-125	0			
Zinc	32.19	0 44	8.85	25 42	76.5	75-125	0			

PDS Sample ID 0611271-10ABS Units. mg/Kg Analysis Date: 11/18/06 0:31
Client ID SB08 12 Run ID. ICP7500_061117A SeqNo. 999921 Prep Date DF. 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Beryllium	7 97	0 44	8 85	0.5413	83.9	75-125	0			
Thallium	8 135	0 44	8.85	0.09991	90 8	75-125	0			

PDS Sample ID. 0611271-10ABS Units mg/Kg Analysis Date. 11/20/06 17:16
Client ID SB08 12 Run ID. ICP7500_061120A SeqNo 1000520 Prep Date DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	17 07	0 44	8 85	7 907	104	75-125	0			

SD Sample ID 0611271-10A DIL Units mg/Kg Analysis Date· 11/16/06 23:26
Client ID SB08 12 Run ID ICP7500_061116A SeqNo. 999062 Prep Date DF 5

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	2.2	0	0	0	0-0	0.08548	0	10	
Arsenic	2.892	2 2	0	0	0	0-0	2.842	1 76	10	
Barium	76.33	2.2	0	0	0	0-0	76.69	0 473	10	
Cadmium	0 1622	2 2	0	0	0	0-0	0.1198	0	10	J
Chromium	11.79	2.2	0	0	0	0-0	12 41	4 99	10	
Copper	6.097	2 2	0	0	0	0-0	6 027	1.16	10	
Nickel	8 319	2 2	0	0	0	0-0	8.263	0.675	10	
Selenium	1.096	2 2	0	0	0	0-0	1 127	0	10	J
Silver	U	2.2	0	0	0	0-0	-0.0118	0	10	
Zinc	27.69	2 2	0	0	0	0-0	25 42	8 95	10	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611271
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20810** Instrument ID **ICP7500** Method: **SW6020**

SD Sample ID **0611271-10A DIL** Units **mg/Kg** Analysis Date: **11/18/06 0:37**
Client ID **SB08 12** Run ID **ICP7500_061117A** SeqNo. **999922** Prep Date: DF **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Beryllium	0 6119	2.2	0	0	0	0-0	0 5413	0	10	J
Thallium	0.4819	2.2	0	0	0	0-0	0 09991	0	10	J

SD Sample ID **0611271-10A DIL** Units: **mg/Kg** Analysis Date **11/20/06 17:22**
Client ID **SB08 12** Run ID **ICP7500_061120A** SeqNo **1000521** Prep Date: DF **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	7.832	2.2	0	0	0	0-0	7.907	0.951	10	

The following samples were analyzed in this batch:

0611271-01A	0611271-02A	0611271-03B
0611271-05A	0611271-06A	0611271-07B
0611271-09A	0611271-10A	0611271-11B
0611271-13A	0611271-14A	0611271-15A
0611271-16B		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
- Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611271
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20856** Instrument ID **Mercury** Method **SW7471A**

MBLK Sample ID **GBLKS1-112006** Units **µg/Kg** Analysis Date **11/21/06 15:33**
Client ID. Run ID: **MERCURY_061121A** SeqNo **1001287** Prep Date **11/20/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	13								

LCS Sample ID. **GLCSS1-112006** Units **µg/Kg** Analysis Date **11/21/06 15:35**
Client ID Run ID: **MERCURY_061121A** SeqNo **1001288** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	346 7	13	333.3	0	104	85-115		0		

LCSD Sample ID **GLCSDS1-112006** Units. **µg/Kg** Analysis Date **11/21/06 15:37**
Client ID Run ID **MERCURY_061121A** SeqNo. **1001289** Prep Date: **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	354	13	333.3	0	106	85-115	346 7	2 09	20	

MS Sample ID· **0611269-19AMS** Units· **µg/Kg** Analysis Date· **11/21/06 15:43**
Client ID· Run ID· **MERCURY_061121A** SeqNo· **1001292** Prep Date **11/20/2006** DF· **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	545	13	329.5	203 3	104	85-115		0		

MS Sample ID **0611269-21BMS** Units **µg/Kg** Analysis Date· **11/21/06 15:56**
Client ID. Run ID **MERCURY_061121A** SeqNo **1001298** Prep Date: **11/20/2006** DF. **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	325 3	13	330 6	6 205	96 5	85-115		0		

MSD Sample ID **0611269-19AMSD** Units **µg/Kg** Analysis Date· **11/21/06 15:46**
Client ID Run ID. **MERCURY_061121A** SeqNo **1001293** Prep Date· **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	492.2	13	331 7	203.3	87.1	85-115	545	10 2	20	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611271
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20856** Instrument ID **Mercury** Method **SW7471A**

MSD Sample ID **0611269-21BMSD** Units: µg/Kg Analysis Date **11/21/06 15:58**
Client ID Run ID: **MERCURY_061121A** SeqNo. **1001299** Prep Date. **11/20/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	326.1	13	330	6 205	96.9	85-115	325.3	0 241	20	

DUP Sample ID **0611269-19ADUP** Units µg/Kg Analysis Date. **11/21/06 15:41**
Client ID Run ID. **MERCURY_061121A** SeqNo: **1001291** Prep Date: **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	202 3	13	0	0	0		203.3	0.489	20	

DUP Sample ID. **0611269-21BDUP** Units: µg/Kg Analysis Date: **11/21/06 15:54**
Client ID Run ID **MERCURY_061121A** SeqNo. **1001297** Prep Date **11/20/2006** DF. **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	6 962	13	0	0	0		6 205	0	20	J

The following samples were analyzed in this batch: 0611271-01A, 0611271-02A, 0611271-03B, 0611271-05A

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J - Analyte detected below quantitation limits
- Referenced analyte value is > 4 times amount spiked
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R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
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E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611271
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID 20859 Instrument ID Mercury Method SW7471A

MBLK Sample ID GBLKS2-112006 Units µg/Kg Analysis Date 11/21/06 17:15
Client ID Run ID MERCURY_061121B SeqNo 1001331 Prep Date 11/20/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	13								

LCS Sample ID GLCSS2-112006 Units µg/Kg Analysis Date 11/21/06 17:17
Client ID Run ID MERCURY_061121B SeqNo 1001332 Prep Date 11/20/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	311 3	13	333.3	0	93 4	85-115	0			

LCSD Sample ID GLCSDS2-112006 Units µg/Kg Analysis Date 11/21/06 17:19
Client ID Run ID MERCURY_061121B SeqNo 1001333 Prep Date 11/20/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	304 7	13	333.3	0	91 4	85-115	311 3	2.16	20	

MS Sample ID 0611271-10AMS Units µg/Kg Analysis Date 11/21/06 17:25
Client ID SB08 12 Run ID MERCURY_061121B SeqNo 1001336 Prep Date 11/20/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	302 6	13	326.8	7.776	90.2	85-115	0			

MSD Sample ID 0611271-10AMSD Units µg/Kg Analysis Date 11/21/06 17:27
Client ID SB08 12 Run ID MERCURY_061121B SeqNo 1001337 Prep Date 11/20/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	308.8	13	325 7	7 776	92 4	85-115	302.6	2.02	20	

DUP Sample ID 0611271-10ADUP Units µg/Kg Analysis Date 11/21/06 17:23
Client ID SB08 12 Run ID MERCURY_061121B SeqNo 1001335 Prep Date 11/20/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	6 645	13	0	0	0		7 776	0	20	J

The following samples were analyzed in this batch:

0611271-06A	0611271-07B	0611271-09A
0611271-10A	0611271-11B	0611271-13A
0611271-14A	0611271-15A	0611271-16B

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J - Analyte detected below quantitation limits
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R - RPD outside accepted recovery limits
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B - Analyte detected in assoc Method Blank
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CLIENT: Golder Associates, Inc.
Work Order: 0611271
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID R44179 Instrument ID VOA5 Method. SW8260

MBLK Sample ID VBLKS-112506 Units· µg/Kg Analysis Date· 11/25/06 10:30

Client ID Run ID VOA5_061125A SeqNo: 1003046 Prep Date. DF. 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5 0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
2-Butanone	U	10								
Benzene	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	10								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	10								
Chloroform	U	5.0								
Chloromethane	U	10								
cis-1,3-Dichloropropene	U	5.0								
ichloromethane	U	10								
_thylbenzene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5 0								
trans-1,3-Dichloropropene	U	5 0								
Trichloroethene	U	5 0								
Vinyl chloride	U	2.0								
Xylenes, Total	U	15								
Surr 1,2-Dichloroethane-d4	*50 66*	0	*50*	0	*101*	*70-128*		0		
Surr 4-Bromofluorobenzene	*47 79*	0	*50*	0	*95.6*	*73-126*		0		
Surr Dibromofluoromethane	*53 53*	0	*50*	0	*107*	*71-128*		0		
Surr Toluene-d8	*52 83*	0	*50*	0	*106*	*73-127*		0		

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J - Analyte detected below quantitation limits
Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611271
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID R44179 Instrument ID VOA5 Method. SW8260

LCS Sample ID· VLCSS-112506 Units: µg/Kg Analysis Date. 11/25/06 9:45
Client ID. Run ID· VOA5_061125A SeqNo 1003045 Prep Date· DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	45 32	5.0	50	0	90.6	75.6-123	0			
1,1,2,2-Tetrachloroethane	46.04	5.0	50	0	92 1	75 1-120	0			
1,1,2-Trichloroethane	45 56	5.0	50	0	91.1	72.8-120	0			
1,1-Dichloroethane	44.79	5 0	50	0	89 6	75 3-121	0			
1,1-Dichloroethene	41 19	5.0	50	0	82.4	78-120	0			
1,2-Dichloroethane	43 48	5.0	50	0	87	70 6-128	0			
1,2-Dichloropropane	46 17	5.0	50	0	92 3	79.4-120	0			
2-Butanone	103 3	10	100	0	103	54 8-130	0			
Benzene	44.82	5.0	50	0	89.6	80-121	0			
Bromoform	45.33	5 0	50	0	90.7	76 9-120	0			
Bromomethane	42.67	10	50	0	85 3	58.9-132	0			
Carbon tetrachloride	44 4	5 0	50	0	88.8	71 8-130	0			
Chlorobenzene	44 3	5.0	50	0	88 6	80-120	0			
Chloroethane	45 49	10	50	0	91	62.5-135	0			
Chloroform	44.78	5.0	50	0	89 6	74.5-120	0			
Chloromethane	52.75	10	50	0	106	62.8-129	0			
cis-1,3-Dichloropropene	47 63	5.0	50	0	95 3	72.7-120	0			
Dichloromethane	42 18	10	50	0	84 4	61.4-120	0			
Ethylbenzene	44 64	5 0	50	0	89 3	79.9-122	0			
Tetrachloroethene	42 98	5 0	50	0	86	79.5-125	0			
Toluene	44.57	5.0	50	0	89 1	79.1-123	0			
trans-1,2-Dichloroethene	43 32	5 0	50	0	86.6	76.3-124	0			
trans-1,3-Dichloropropene	46 16	5.0	50	0	92 3	65-127	0			
Trichloroethene	45.8	5 0	50	0	91 6	77.1-121	0			
Vinyl chloride	50 61	2 0	50	0	101	66.1-129	0			
Xylenes, Total	137 1	15	150	0	91 4	79 4-125	0			
Surr 1,2-Dichloroethane-d4	*49.25*	0	*50*	0	*98 5*	*70-128*	0			
Surr 4-Bromofluorobenzene	*46 35*	0	*50*	0	*92 7*	*73-126*	0			
Surr Dibromofluoromethane	*52 09*	0	*50*	0	*104*	*71-128*	0			
Surr Toluene-d8	*49 5*	0	*50*	0	*99*	*73-127*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611271
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID R44179 Instrument ID VOA5 Method SW8260

MS Sample ID. 0611269-21AMS Units µg/Kg Analysis Date 11/25/06 11:01

Client ID Run ID: VOA5_061125A SeqNo: 1003047 Prep Date DF: 0.807

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	36.71	4.0	40 35	0	91	75 6-123	0			
1,1,2,2-Tetrachloroethane	34.14	4.0	40.35	0	84.6	75.1-120	0			
1,1,2-Trichloroethane	35.14	4.0	40.35	0	87 1	72.8-120	0			
1,1-Dichloroethane	37.33	4.0	40.35	0	92.5	75.3-121	0			
1,1-Dichloroethene	33 43	4.0	40 35	0	82.8	78-120	0			
1,2-Dichloroethane	34 75	4.0	40.35	0	86.1	70.6-128	0			
1,2-Dichloropropane	34 76	4.0	40 35	0	86.2	79.4-120	0			
2-Butanone	65 8	8.1	80 7	0	81.5	54.8-130	0			
Benzene	36.87	4 0	40 35	0	91.4	80-121	0			
Bromoform	34 42	4.0	40 35	0	85 3	76 9-120	0			
Bromomethane	35 68	8 1	40 35	0	88 4	58.9-132	0			
Carbon tetrachloride	37.87	4.0	40.35	0	93.9	71 8-130	0			
Chlorobenzene	35.82	4 0	40.35	0	88.8	80-120	0			
Chloroethane	37 1	8 1	40.35	0	92	62 5-135	0			
Chloroform	35.93	4.0	40.35	0	89	74.5-120	0			
Chloromethane	42.3	8 1	40.35	0	105	62.8-129	0			
cis-1,3-Dichloropropene	37.17	4.0	40.35	0	92 1	72.7-120	0			
chloromethane	32.6	8 1	40 35	0	80.8	61 4-120	0			
ethylbenzene	36 01	4 0	40 35	0	89.3	79.9-122	0			
Tetrachloroethene	35.31	4 0	40.35	0	87 5	79.5-125	0			
Toluene	36 18	4 0	40.35	0	89 7	79.1-123	0			
trans-1,2-Dichloroethene	34 93	4 0	40.35	0	86.6	76 3-124	0			
trans-1,3-Dichloropropene	35 19	4 0	40.35	0	87.2	65-127	0			
Trichloroethene	35.78	4.0	40 35	0	88 7	77 1-121	0			
Vinyl chloride	41 26	1.6	40 35	0	102	66.1-129	0			
Xylenes, Total	110	12	121	0	90.9	79.4-125	0			
Surr 1,2-Dichloroethane-d4	*37 34*	0	*40.35*	0	*92 5*	*70-128*	0			
Surr 4-Bromofluorobenzene	*36.49*	0	*40.35*	0	*90.4*	*73-126*	0			
Surr Dibromofluoromethane	*42 35*	0	*40.35*	0	*105*	*71-128*	0			
Surr Toluene-d8	*40.3*	0	*40 35*	0	*99 9*	*73-127*	0			

ND - Not Detected at the Reporting Limit
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Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611271
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44179** Instrument ID **VOA5** Method **SW8260**

MSD Sample ID. **0611269-21AMSD** Units **µg/Kg** Analysis Date. **11/25/06 11:23**

Client ID Run ID· **VOA5_061125A** SeqNo· **1003048** Prep Date DF: **0.796**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	36 46	4 0	39 8	0	91.6	75 6-123	36 71	0.68	30	
1,1,2,2-Tetrachloroethane	34.05	4.0	39.8	0	85.5	75 1-120	34 14	0.262	30	
1,1,2-Trichloroethane	33 54	4 0	39.8	0	84.3	72.8-120	35 14	4 67	30	
1,1-Dichloroethane	35 76	4.0	39.8	0	89.8	75.3-121	37 33	4 29	30	
1,1-Dichloroethene	32.81	4.0	39 8	0	82.4	78-120	33 43	1 86	30	
1,2-Dichloroethane	32 06	4 0	39.8	0	80.6	70.6-128	34.75	8.05	30	
1,2-Dichloropropane	33 44	4.0	39 8	0	84	79 4-120	34 76	3.87	30	
2-Butanone	66 59	8 0	79.5	0	83 6	54.8-130	65.8	1.19	30	
Benzene	34 06	4.0	39.8	0	85.6	80-121	36 87	7 91	30	
Bromoform	32 29	4 0	39 8	0	81.1	76.9-120	34 42	6.38	30	
Bromomethane	34 54	8 0	39 8	0	86.8	58.9-132	35.68	3.24	30	
Carbon tetrachlonde	34 85	4.0	39.8	0	87.6	71 8-130	37.87	8.3	30	
Chlorobenzene	33.24	4.0	39.8	0	83.5	80-120	35.82	7 48	30	
Chloroethane	35 96	8.0	39 8	0	90.3	62 5-135	37 1	3 14	30	
Chloroform	35.3	4.0	39 8	0	88 7	74 5-120	35 93	1.77	30	
Chloromethane	43.81	8.0	39.8	0	110	62.8-129	42.3	3.51	30	
cis-1,3-Dichloropropene	34 52	4.0	39 8	0	86.7	72.7-120	37.17	7.39	30	
Dichloromethane	31 61	8 0	39 8	0	79 4	61 4-120	32 6	3 1	30	
Ethylbenzene	34 22	4.0	39 8	0	86	79 9-122	36.01	5 11	30	
Tetrachloroethene	33.21	4.0	39 8	0	83 4	79.5-125	35 31	6 13	30	
Toluene	33.99	4 0	39.8	0	85.4	79 1-123	36.18	6.25	30	
trans-1,2-Dichloroethene	35 27	4 0	39 8	0	88 6	76.3-124	34.93	0 961	30	
trans-1,3-Dichloropropene	32 71	4.0	39.8	0	82.2	65-127	35.19	7.31	30	
Trichloroethene	34.16	4 0	39 8	0	85.8	77 1-121	35 78	4 61	30	
Vinyl chloride	40 67	1.6	39.8	0	102	66 1-129	41.26	1 46	30	
Xylenes, Total	103.2	12	119 4	0	86.5	79.4-125	110	6 38	30	
Surr· 1,2-Dichloroethane-d4	*39 32*	0	*39.8*	0	*98.8*	*70-128*	37 34	*5.15*	*30*	
Surr· 4-Bromofluorobenzene	*37 02*	0	*39 8*	0	*93*	*73-126*	36 49	*1 44*	*30*	
Surr Dibromofluoromethane	*41 97*	0	*39.8*	0	*105*	*71-128*	42.35	*0 902*	*30*	
Surr· Toluene-d8	*39 86*	0	*39 8*	0	*100*	*73-127*	40.3	*1.1*	*30*	

The following samples were analyzed in this batch: 0611271-07A 0611271-16A 0611271-17A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611271
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: R44203 Instrument ID VOA5 Method: SW8260

MBLK Sample ID VBLKS-112606 Units µg/Kg Analysis Date. 11/26/06 23:08
Client ID Run ID VOA5_061126A SeqNo 1003613 Prep Date DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
2-Butanone	U	10								
Benzene	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	10								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	10								
Chloroform	U	5.0								
Chloromethane	U	10								
cis-1,3-Dichloropropene	U	5.0								
ichloromethane	U	10								
ethylbenzene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								
Vinyl chloride	U	2.0								
Xylenes, Total	U	15								
Surr: 1,2-Dichloroethane-d4	*50.74*	0	*50*	0	*101*	*70-128*		0		
Surr: 4-Bromofluorobenzene	*43.68*	0	*50*	0	*87.4*	*73-126*		0		
Surr: Dibromofluoromethane	*50.4*	0	*50*	0	*101*	*71-128*		0		
Surr: Toluene-d8	*46.88*	0	*50*	0	*93.8*	*73-127*		0		

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CLIENT: Golder Associates, Inc
Work Order: 0611271
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: R44203 Instrument ID VOA5 Method: SW8260

LCS Sample ID VLCSS-112606 Units: µg/Kg Analysis Date: 11/26/06 22:44
Client ID Run ID: VOA5_061126A SeqNo 1003612 Prep Date: DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	53.57	5.0	50	0	107	75.6-123	0			
1,1,2,2-Tetrachloroethane	53.44	5.0	50	0	107	75.1-120	0			
1,1,2-Trichloroethane	51.65	5.0	50	0	103	72.8-120	0			
1,1-Dichloroethane	53.46	5.0	50	0	107	75.3-121	0			
1,1-Dichloroethene	48.1	5.0	50	0	96.2	78-120	0			
1,2-Dichloroethane	47.96	5.0	50	0	95.9	70.6-128	0			
1,2-Dichloropropane	52.5	5.0	50	0	105	79.4-120	0			
2-Butanone	116.4	10	100	0	116	54.8-130	0			
Benzene	51.13	5.0	50	0	102	80-121	0			
Bromoform	54.46	5.0	50	0	109	76.9-120	0			
Bromomethane	50.38	10	50	0	101	58.9-132	0			
Carbon tetrachloride	52.79	5.0	50	0	106	71.8-130	0			
Chlorobenzene	49.79	5.0	50	0	99.6	80-120	0			
Chloroethane	54.4	10	50	0	109	62.5-135	0			
Chloroform	52.23	5.0	50	0	104	74.5-120	0			
Chloromethane	62.79	10	50	0	126	62.8-129	0			
cis-1,3-Dichloropropene	55.02	5.0	50	0	110	72.7-120	0			
Dichloromethane	43.92	10	50	0	87.8	61.4-120	0			
Ethylbenzene	51.6	5.0	50	0	103	79.9-122	0			
Tetrachloroethene	48.49	5.0	50	0	97	79.5-125	0			
Toluene	50.56	5.0	50	0	101	79.1-123	0			
trans-1,2-Dichloroethene	51.95	5.0	50	0	104	76.3-124	0			
trans-1,3-Dichloropropene	52.05	5.0	50	0	104	65-127	0			
Trichloroethene	49.83	5.0	50	0	99.7	77.1-121	0			
Vinyl chloride	59.7	2.0	50	0	119	66.1-129	0			
Xylenes, Total	156.4	15	150	0	104	79.4-125	0			
Surr: 1,2-Dichloroethane-d4	*49.84*	0	*50*	0	*99.7*	*70-126*	0			
Surr: 4-Bromofluorobenzene	*47*	0	*50*	0	*94*	*73-126*	0			
Surr: Dibromofluoromethane	*52.12*	0	*50*	0	*104*	*71-128*	0			
Surr: Toluene-d8	*48.91*	0	*50*	0	*97.8*	*73-127*	0			

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CLIENT: Golder Associates, Inc.
Work Order: 0611271
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: R44203 Instrument ID VOA5 Method. SW8260

MS Sample ID: 0611271-11AMS Units µg/Kg Analysis Date. 11/27/06 0:55

Client ID SB08 18 Run ID VOA5_061126A SeqNo 1003615 Prep Date DF 0.8

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	44 48	4.0	40	0	111	75 6-123	0			
1,1,2,2-Tetrachloroethane	42.56	4.0	40	0	106	75 1-120	0			
1,1,2-Trichloroethane	43 34	4 0	40	0	108	72 8-120	0			
1,1-Dichloroethane	44.36	4 0	40	0	111	75 3-121	0			
1,1-Dichloroethene	40.28	4 0	40	0	101	78-120	0			
1,2-Dichloroethane	42 6	4 0	40	0	106	70.6-128	0			
1,2-Dichloropropane	44.5	4.0	40	0	111	79.4-120	0			
2-Butanone	93.95	8.0	80	0	117	54.8-130	0			
Benzene	43 42	4 0	40	0	109	80-121	0			
Bromoform	42.94	4.0	40	0	107	76.9-120	0			
Bromomethane	47 22	8 0	40	0	118	58 9-132	0			
Carbon tetrachloride	43.49	4 0	40	0	109	71 8-130	0			
Chlorobenzene	41 79	4 0	40	0	104	80-120	0			
Chloroethane	45.05	8.0	40	0	113	62 5-135	0			
Chloroform	45.27	4.0	40	0	113	74.5-120	0			
Chloromethane	54.03	8.0	40	0	135	62.8-129	0			S
cis-1,3-Dichloropropene	44 23	4 0	40	0	111	72.7-120	0			
ichloromethane	40.83	8.0	40	0	102	61 4-120	0			
thylbenzene	41 72	4.0	40	0	104	79.9-122	0			
Tetrachloroethene	40 91	4 0	40	0	102	79.5-125	0			
Toluene	42 05	4 0	40	0	105	79 1-123	0			
trans-1,2-Dichloroethene	42 99	4 0	40	0	107	76.3-124	0			
trans-1,3-Dichloropropene	41.57	4 0	40	0	104	65-127	0			
Trichloroethene	41.8	4.0	40	0	104	77.1-121	0			
Vinyl chloride	51 89	1 6	40	0	130	66 1-129	0			S
Xylenes, Total	124.2	12	120	0	103	79 4-125	0			
Surr 1,2-Dichloroethane-d4	*43.48*	0	*40*	0	*109*	*70-128*	0			
Surr 4-Bromofluorobenzene	*40 62*	0	*40*	0	*102*	*73-126*	0			
Surr Dibromofluoromethane	*45.11*	0	*40*	0	*113*	*71-128*	0			
Surr Toluene-d8	*41 85*	0	*40*	0	*105*	*73-127*	0			

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R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611271
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID R44203 Instrument ID VOA5 Method SW8260

MSD Sample ID 0611271-11AMSD Units µg/Kg Analysis Date 11/27/06 1:19

Client ID: SB08 18 Run ID VOA5_061128A SeqNo. 1003616 Prep Date DF 0.78

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	41.27	3.9	39	0	106	75.6-123	44.48	7 49	30	
1,1,2,2-Tetrachloroethane	39.14	3.9	39	0	100	75.1-120	42.56	8.39	30	
1,1,2-Trichloroethane	39.96	3.9	39	0	102	72.8-120	43.34	8.12	30	
1,1-Dichloroethane	41.85	3 9	39	0	107	75.3-121	44.36	5.81	30	
1,1-Dichloroethene	37 49	3 9	39	0	96.1	78-120	40 28	7 16	30	
1,2-Dichloroethane	39.55	3 9	39	0	101	70.6-128	42 6	7 42	30	
1,2-Dichloropropane	40 4	3 9	39	0	104	79.4-120	44.5	9.66	30	
2-Butanone	76 02	7 8	78	0	97.5	54.8-130	93.95	21 1	30	
Benzene	40.01	3.9	39	0	103	80-121	43 42	8 16	30	
Bromoform	38.73	3.9	39	0	99 3	76.9-120	42.94	10 3	30	
Bromomethane	42.3	7 8	39	0	108	58.9-132	47 22	11	30	
Carbon tetrachloride	39 71	3 9	39	0	102	71 8-130	43 49	9.11	30	
Chlorobenzene	37 44	3 9	39	0	96	80-120	41 79	11	30	
Chloroethane	41	7.8	39	0	105	62 5-135	45 05	9 4	30	
Chloroform	41.99	3 9	39	0	108	74.5-120	45.27	7.52	30	
Chloromethane	49 93	7 8	39	0	128	62.8-129	54 03	7 89	30	
cis-1,3-Dichloropropene	39.82	3 9	39	0	102	72.7-120	44 23	10 5	30	
Dichloromethane	36 58	7.8	39	0	93.8	61 4-120	40.83	11	30	
Ethylbenzene	37 48	3 9	39	0	96.1	79 9-122	41.72	10.7	30	
Tetrachloroethene	37.22	3 9	39	0	95.4	79.5-125	40 91	9 45	30	
Toluene	39 19	3 9	39	0	100	79.1-123	42.05	7.03	30	
trans-1,2-Dichloroethene	40 06	3.9	39	0	103	76 3-124	42.99	7.05	30	
trans-1,3-Dichloropropene	37 99	3.9	39	0	97 4	65-127	41.57	9.01	30	
Trichloroethene	38.38	3 9	39	0	98.4	77 1-121	41.8	8 52	30	
Vinyl chloride	47 17	1 6	39	0	121	66.1-129	51 89	9.54	30	
Xylenes, Total	115.8	12	117	0	99	79.4-125	124.2	6 93	30	
Surr: 1,2-Dichloroethane-d4	*39 5*	0	*39*	0	*101*	*70-128*	43 48	*9.58*	*30*	
Surr: 4-Bromofluorobenzene	*36.07*	0	*39*	0	*92.5*	*73-126*	40 62	*11 9*	*30*	
Surr: Dibromofluoromethane	*39 91*	0	*39*	0	*102*	*71-128*	45.11	*12.2*	*30*	
Surr: Toluene-d8	*38.94*	0	*39*	0	*99 8*	*73-127*	41 85	*7.2*	*30*	

The following samples were analyzed in this batch: 0611271-03A 0611271-11A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611271
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID R43939 Instrument ID Balance1 Method. E160.3

DUP Sample ID 0611269-01ADUP Units wt% Analysis Date 11/15/06 0:00
Client ID Run ID BALANCE1_061115D SeqNo. 998027 Prep Date DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	10.51	0.010	0	0	0	0-0	9.258	12.7	20	

DUP Sample ID 0611269-19ADUP Units wt% Analysis Date 11/15/06 0:00
Client ID Run ID BALANCE1_061115D SeqNo. 998041 Prep Date DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	11.98	0.010	0	0	0	0-0	11.3	5.9	20	

The following samples were analyzed in this batch: 0611271-01A 0611271-02A 0611271-03B 0611271-05A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
` - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611271
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID R43940 Instrument ID Balance1 Method. E160.3

DUP Sample ID. 0611271-10ADUP Units· wt% Analysis Date. 11/15/06 0:00
Client ID SB08 12 Run ID BALANCE1_061115E SeqNo. 998052 Prep Date. DF. 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	20.02	0 010	0	0	0	0-0	20.24	1.07	20	

DUP Sample ID 0611272-21ADUP Units· wt% Analysis Date. 11/15/06 0:00
Client ID: Run ID BALANCE1_061115E SeqNo· 998069 Prep Date: DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	18.22	0 010	0	0	0	0-0	18 76	2.91	20	

The following samples were analyzed in this batch:

0611271-06A	0611271-07B	0611271-09A
0611271-10A	0611271-11B	0611271-13A
0611271-14A	0611271-15A	0611271-16B

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611271
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID R45039 Instrument ID Balance1 Method: E160.3

DUP Sample ID 0612282-34ADUP Units: wt% Analysis Date: 12/18/06 0:00
Client ID. Run ID: BALANCE1_061218D SeqNo. 1018200 Prep Date: DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	23.08	0.010	0	0	0	0-0	22 14	4 17	20	

DUP Sample ID 0612301-23BDUP Units: wt% Analysis Date: 12/18/06 0:00
Client ID Run ID BALANCE1_061218D SeqNo. 1018204 Prep Date DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	15 78	0 010	0	0	0	0-0	14 3	9 83	20	

The following samples were analyzed in this batch: 0611271-17A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
` - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

MDLs & MQLs

Golder Associates, Inc.
CRI - Superfund
Work Order 0611271

Test Code: 8260_TCL_S
Test Number: SW8260
Test Name: TCL Volatile Organics
Matrix: Solid **Units:** µg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	1,1,1-Trichloroethane	71-55-6	0.7	5
A	1,1,2,2-Tetrachloroethane	79-34-5	0.5	5
A	1,1,2-Trichloroethane	79-00-5	0.5	5
A	1,1-Dichloroethane	75-34-3	0.8	5
A	1,1-Dichloroethene	75-35-4	1	5
A	1,2-Dichloroethane	107-06-2	0.6	5
A	1,2-Dichloropropane	78-87-5	0.6	5
A	2-Butanone	78-93-3	0.7	10
A	Benzene	71-43-2	0.6	5
A	Bromoform	75-25-2	0.5	10
A	Bromomethane	74-83-9	1	10
A	Carbon tetrachloride	56-23-5	1	5
A	Chlorobenzene	108-90-7	0.7	5
A	Chloroethane	75-00-3	1.6	10
A	Chloroform	67-66-3	0.9	5
A	Chloromethane	74-87-3	1.1	10
A	cis-1,3-Dichloropropene	10061-01-5	0.6	5
A	Dichloromethane	75-09-2	3	10
A	Ethylbenzene	100-41-4	0.8	5
A	Tetrachloroethene	127-18-4	0.6	5
A	Toluene	108-88-3	0.6	5
A	trans-1,2-Dichloroethene	156-60-5	1	5
A	trans-1,3-Dichloropropene	10061-02-6	0.6	5
A	Trichloroethene	79-01-6	0.6	5
A	Vinyl chloride	75-01-4	0.6	2
M	Xylenes, Total	1330-20-7	1.5	15
S	Surr 1,2-Dichloroethane-d4	17060-07-0	0	0
S	Surr: 4-Bromofluorobenzene	460-00-4	0	0
S	Surr: Dibromofluoromethane	1868-53-7	0	0
S	Surr: Toluene-d8	2037-26-5	0	0

Test Code: HG_S
Test Number: SW7471A
Test Name: Mercury, Total
Matrix: Solid **Units:** µg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Mercury	7439-97-6	1.4	13.3

Golder Associates, Inc.

CRI Superfund

Work Order 0611272

The total number of pages in this document is _____

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- TRRP Laboratory Data Package Cover Sheet
- TRRP Checklist
- Sample Summary Table
- Chain of Custody and Sample Receipt Checklist
- Analytical Report
- QC Batch Summary Report
- MDLs and MQLs
- Metals Raw Data
- Mercury Raw Data
- Moisture Raw Data

e-Lab Analytical, Inc. **Date:** *December 04, 2006*

CLIENT:	Golder Associates, Inc.
Project:	CRI-Superfund Wiley, Texas
Work Order:	0611272

TRRP Laboratory Data Package Cover Page

This data package consists of all or some of the following as applicable:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation:

R2 Sample identification cross-reference

R3 Test reports (analytical data sheets) for each environmental sample that includes:
- a) Items consistent with NELAC 5.13 or ISO/IEC 17025 Section 5.10
- b) dilution factors,
- c) preparation methods,
- d) cleanup methods, and
- e) if required for the project, tentatively identified compounds (TICs).

R4 Surrogate recovery data including:
- a) Calculated recovery (%R), and
- b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms for laboratory control samples (LCSs) including:
- a) LCS spiking amounts,
- b) Calculated %R for each analyte, and
- c)The laboratory's LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
- a) Samples associated with the MS/MSD clearly identified,
- b) MS/MSD spiking amounts,
- c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
- d) Calculated %Rs and relative percent differences (RPDs), and
- e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) recovery and precision:
- a) the amount of analyte measured in the duplicate,
- b) the calculated RPD, and
- c) the laboratory's QC limits for analytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;?

R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release Statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exception reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratory in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, if applicable: [NA] This laboratory is an in-house laboratory controlled by the person responding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Patricia L. Lynch

Patricia L. Lynch

Project Manager

Laboratory Review Checklist: Reportable Data								
Laboratory Name: e-Lab Analytical, Inc.			LRC Date: 12/04/2006					
Project Name: CRI Superfund Wiley			Laboratory Job Number: 0611272					
Reviewer Name: Patricia L. Lynch			Prep Batch Number(s): 20810, 20811, 20901, R43940 and R43941					
#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	CHAIN-OF-CUSTODY (C-O-C)					
		1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		2) Were all departures from standard conditions described in an exception report?	X				
R2	OI	SAMPLE AND QUALITY CONTROL (QC) IDENTIFICATION					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	TEST REPORTS					
		1) Were all samples prepared and analyzed within holding times?	X				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample quantitation limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	X				
		7) Was % moisture (or solids) reported for all soil and sediment samples?	X				
		8) If required for the project, TICs reported?			X		
R4	O	SURROGATE RECOVERY DATA					
		1) Were surrogates added prior to extraction?	X				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	TEST REPORTS/SUMMMARY FORMS FOR BLANK SAMPLES					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?	X				
R6	OI	LABORATORY CONTROL SAMPLES (LCS):					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	X				
		6) Was the LCSD RPD within QC limits?	X				
R7	OI	MATRIX SPIKE (MS) AND MATRIX SPIKE DUPLICATE (MSD) DATA					
		1) Were the project/method specified analytes included in the MS and MSD?	X				
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			1
		4) Were MS/MSD RPDs within laboratory QC limits?		X			2
R8	OI	ANALYTICAL DUPLICATE DATA					
		1) Were appropriate analytical duplicates analyzed for each matrix?	X				
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?		X			3
R9	OI	METHOD QUANTITATION LIMITS (MQLS):					
		1) Are the MQLs for each method analyte listed and included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs included in the laboratory data package?	X				
R10	OI	OTHER PROBLEMS/ANOMALIES					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		2) Were all necessary corrective actions performed for the reported data?	X				
		3) If requested, is the justification for elevated SQLs documented?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted in o the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period

2 O = organic analyses, I = morganic analyses (and general chemistry, when applicable),

3 NA = Not applicable,

4 NR = Not Reviewed,

5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked)

Laboratory Review Checklist: Supporting Data								
Laboratory Name: e-lab Analytical, Inc			LRC Date 12/04/2006					
Project Name: CRI Superfund Wiley			Laboratory Job Number: 0611272					
Reviewer Name: Patricia L. Lynch			Prep Batch Number(s): 20810, 20811, 20901, R43940 and R43941					
#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]	
S1	OI	**INITIAL CALIBRATION (ICAL)**						
		1) Were response factors (RFs) and/or relative response factors (RRFs) for each analyte within the QC limits?	X					
		2) Were percent RSDs or correlation coefficient criteria met?	X					
		3) Was the number of standards recommended in the method used for all analytes?	X					
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X					
		5) Are ICAL data available for all instruments used?	X					
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X					
S2	OI	**INITIAL AND CONTINUING CALIBRATION VERIFICATION (ICCV AND CCV) AND**						
		1) Was the CCV analyzed at the method-required frequency?	X					
		2) Were percent differences for each analyte within the method-required QC limits?	X					
		3) Was the ICAL curve verified for each analyte?	X					
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X			
S3	O	**MASS SPECTRAL TUNING:**						
		1) Was the appropriate compound for the method used for tuning?	X					
		2) Were ion abundance data within the method-required QC limits?			X			
S4	O	**INTERNAL STANDARDS (IS):**						
		Were IS area counts and retention times within the method-required QC limits?			X			
S5	OI	**RAW DATA (NELAC SECTION 1 APPENDIX A GLOSSARY, AND SECTION 5.12 OR**						
		1) Were the raw data (e.g., chromatograms, spectral data) reviewed by an analyst?	X					
		2) Were data associated with manual integrations flagged on the raw data?	X					
S6	O	**DUAL COLUMN CONFIRMATION**						
		Did dual column confirmation results meet the method-required QC?			X			
S7	O	**TENTATIVELY IDENTIFIED COMPOUNDS (TICS):**						
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X			
S8	I	**INTERFERENCE CHECK SAMPLE (ICS) RESULTS:**						
		Were percent recoveries within method QC limits?	X					
S9	I	**SERIAL DILUTIONS, POST DIGESTION SPIKES, AND METHOD OF STANDARD**						
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?		X			4	
S10	OI	**PROFICIENCY TEST REPORTS:**						
		Are proficiency testing or inter-laboratory comparison results on file?	X					
S11	OI	**METHOD DETECTION LIMIT (MDL) STUDIES**						
		1) Was a MDL study performed for each reported analyte?	X					
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X					
S12	OI	**STANDARDS DOCUMENTATION**						
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X					
S13	OI	**COMPOUND/ANALYTE IDENTIFICATION PROCEDURES**						
		Are the procedures for compound/analyte identification documented?	X					
S14	OI	**DEMONSTRATION OF ANALYST COMPETENCY (DOC)**						
		1) Was DOC conducted consistent with NELAC 5C or ISO/IEC 4.2.2?	X					
		2) Is documentation of the analyst's competency up-to-date and on file?	X					
S15	OI	**VERIFICATION/VALIDATION DOCUMENTATION FOR METHODS**						
		Are all the methods used to generate the data documented, verified, and validated, where applicable, (NELAC 5 10.2 or ISO/IEC 17025 Section 5 4.5)?	X					
S16	OI	**LABORATORY STANDARD OPERATING PROCEDURES (SOPS):**						
		Are laboratory SOPs current and on file for each method performed?	X					

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period
2 O = organic analyses, I = inorganic analyses (and general chemistry, when applicable)
3 NA = Not applicable
4 NR = Not Reviewed
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked)

Laboratory Review Checklist: Exception Report		
Laboratory Name e-Lab Analytical, Inc.		LRC Date: 12/04/2006
Project Name: CRI Superfund Wiley		Laboratory Job Number: 0611272
Reviewer Name: Patricia L. Lynch		Prep Batch Number(s): 20810, 20811, 20901, R43940 and R43941
ER #[1]	DESCRIPTION	
1	Batch 20810 Metals MS/MSD recoveries for several of the target elements are outside the control limits in sample SB08 12 from e-Lab work order 0611271 due to matrix interference. Some of the data are also flagged with E and O due to the concentrations in the background sample.	
	Batch 20811 Metals MS/MSD recoveries for numerous target elements are outside the control limits in sample SB26-06 due to matrix interference. Some of the data are also flagged with E and O due to the concentrations in the background sample.	
2	Batch 20810 Metals MS/MSD RPD for Barium is above the control limits in sample SB08 12 from e-Lab work order 0611271 due to matrix interference. The data for Barium is also flagged O due to the concentration in the background sample.	
	Batch 20811 Metals MS/MSD RPD for Zinc is above the control limits in sample SB26-06 due to matrix interference. Some of the data are also flagged with E and O due to the concentrations in the background sample.	
3	Batch 20810 Metals Duplicate RPD's for numerous target elements are above the control limits in sample SB08 12 from e-Lab work order 0611271 due to matrix interference. The data for Barium is also flagged E due to the concentration in the background sample.	
	Batch 20811 Metals Duplicate RPD's for numerous target elements are above the control limits in sample SB26-06 due to matrix interference.	
4	Batch 20811 Metals Post-Digestion Spike recovery for Lead is below the control limits in sample SB26-06 due to matrix interference. The data is also flagged with O due to the concentration in the background sample.	
	Batch 20811 Metals Serial Dilution %D for Copper is above the control limits in sample SB26-06 due to matrix interference.	

1 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

e-Lab Analytical, Inc. **Date:** *December 04, 2006*

CLIENT: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas
Work Order: 0611272

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
0611272-01	SB10 06	Soil		11/14/2006 12:49	11/15/2006 10:00	☐
0611272-02	SB10 12 (Archive)	Soil		11/14/2006 12:50	11/15/2006 10:00	☐
0611272-03	SB11 06	Soil		11/14/2006 12:50	11/15/2006 10:00	☐
0611272-04	SB11 12 (Achive)	Soil		11/14/2006 12:59	11/15/2006 10:00	☐
0611272-05	SB12 06	Soil		11/14/2006 13:03	11/15/2006 10:00	☐
0611272-06	SB12 12 (Achive)	Soil		11/14/2006 13:04	11/15/2006 10:00	☐
0611272-07	SB13 06	Soil		11/14/2006 13:07	11/15/2006 10:00	☐
0611272-08	SB13 12 (Achive)	Soil		11/14/2006 13:09	11/15/2006 10:00	☐
0611272-09	SB14 06	Soil		11/14/2006 13:12	11/15/2006 10:00	☐
0611272-10	SB14 12 (Achive)	Soil		11/14/2006 13:13	11/15/2006 10:00	☐
0611272-11	SB15 -06	Soil		11/14/2006 13:15	11/15/2006 10:00	☐
0611272-12	SB15-12 (Achive)	Soil		11/14/2006 13:16	11/15/2006 10:00	☐
0611272-13	SB16-06	Soil		11/14/2006 13:20	11/15/2006 10:00	☐
0611272-14	SB16-12 (Achive)	Soil		11/14/2006 13:22	11/15/2006 10:00	☐
0611272-15	SB17-06	Soil		11/14/2006 13:23	11/15/2006 10:00	☐
0611272-16	SB17-12 (Achive)	Soil		11/14/2006 13:24	11/15/2006 10:00	☐
0611272-17	SB18-06	Soil		11/14/2006 13:25	11/15/2006 10:00	☐
0611272-18	SB18-12 (Achive)	Soil		11/14/2006 13:26	11/15/2006 10:00	☐
0611272-19	SB19-06	Soil		11/14/2006	11/15/2006 10:00	☐
0611272-20	SB19-12 (Achive)	Soil		11/14/2006	11/15/2006 10:00	☐
0611272-21	SB20-06	Soil		11/14/2006 13:38	11/15/2006 10:00	☐
0611272-22	SB20-12 (Achive)	Soil		11/14/2006 13:39	11/15/2006 10:00	☐
0611272-23	SB21-06	Soil		11/14/2006 13:40	11/15/2006 10:00	☐
0611272-24	SB21-12 (Achive)	Soil		11/14/2006 13:41	11/15/2006 10:00	☐
0611272-25	SB22-06	Soil		11/14/2006 13:47	11/15/2006 10:00	☐
0611272-26	SB22-12 (Achive)	Soil		11/14/2006 13:48	11/15/2006 10:00	☐
0611272-27	SB23-06	Soil		11/14/2006 13:50	11/15/2006 10:00	☐
0611272-28	SB23-12 (Achive)	Soil		11/14/2006 13:51	11/15/2006 10:00	☐
0611272-29	SB24-06	Soil		11/14/2006 13:53	11/15/2006 10:00	☐
0611272-30	SB24-12 (Achive)	Soil		11/14/2006 13:54	11/15/2006 10:00	☐
0611272-31	SB25-06	Soil		11/14/2006 14:10	11/15/2006 10:00	☐
0611272-32	SB25-12 (Achive)	Soil		11/14/2006 14:11	11/15/2006 10:00	☐
0611272-33	SB25-DS-5	Soil		11/14/2006 14:10	11/15/2006 10:00	☐
0611272-34	SB25-DS-6 (Achive)	Soil		11/14/2006 14:11	11/15/2006 10:00	☐
0611272-35	SB26-06	Soil		11/14/2006 14:15	11/15/2006 10:00	☐
0611272-36	SB26-12 (Achive)	Soil		11/14/2006 14:16	11/15/2006 10:00	☐
0611272-41	SB27-06	Soil		11/14/2006 14:28	11/15/2006 10:00	☐
0611272-42	SB27-12 (Achive)	Soil		11/14/2006 14:29	11/15/2006 10:00	☐
0611272-43	SB28-06	Soil		11/14/2006 14:31	11/15/2006 10:00	☐
0611272-44	SB28-12 (Achive)	Soil		11/14/2006 14:32	11/15/2006 10:00	☐

CLIENT: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas
Work Order: 0611272

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
0611272-45	SB29-06	Soil		11/14/2006 14:41	11/15/2006 10:00	☐
0611272-46	SB29-12 (Achive)	Soil		11/14/2006 14:42	11/15/2006 10:00	☐
0611272-47	SB30-06	Soil		11/14/2006 14:45	11/15/2006 10:00	☐
0611272-48	SB30-12 (Achive)	Soil		11/14/2006 14:46	11/15/2006 10:00	☐
0611272-49	SB31-06	Soil		11/14/2006 14:59	11/15/2006 10:00	☐
0611272-50	SB31-12 (Achive)	Soil		11/14/2006 15:00	11/15/2006 10:00	☐
0611272-51	SB32-06	Soil		11/14/2006 15:03	11/15/2006 10:00	☐
0611272-52	SB32-12 (Achive)	Soil		11/14/2006 15:04	11/15/2006 10:00	☐
0611272-53	SB33-06	Soil		11/14/2006 15:23	11/15/2006 10:00	☐
0611272-54	SB33-12 (Achive)	Soil		11/14/2006 15:24	11/15/2006 10:00	☐
0611272-55	SB34-06	Soil		11/14/2006 15:26	11/15/2006 10:00	☐
0611272-56	SB34-12 (Achive)	Soil		11/14/2006 15:27	11/15/2006 10:00	☐
0611272-57	SB35-06	Soil		11/14/2006 15:36	11/15/2006 10:00	☐
0611272-58	SB35-12 (Achive)	Soil		11/14/2006 15:37	11/15/2006 10:00	☐
0611272-59	SB36-06	Soil		11/14/2006 15:38	11/15/2006 10:00	☐
0611272-60	SB36-12 (Achive)	Soil		11/14/2006 15:39	11/15/2006 10:00	☐
0611272-61	SB37-06	Soil		11/14/2006 15:40	11/15/2006 10:00	☐
0611272-62	SB37-12 (Achive)	Soil		11/14/2006 15:41	11/15/2006 10:00	☐
0611272-63	SB38-06	Soil		11/14/2006 15:44	11/15/2006 10:00	☐
0611272-64	SB39-12 (Achive)	Soil		11/14/2006 15:45	11/15/2006 10:00	☐
0611272-65	SB38-06 DS-7	Soil		11/14/2006 15:44	11/15/2006 10:00	☐
0611272-66	SB38-12 DS-8 (Achive)	Soil		11/14/2006 15:45	11/15/2006 10:00	☐
0611272-67	SB39-06	Soil		11/14/2006 15:47	11/15/2006 10:00	☐
0611272-68	SB39-12 (Achive)	Soil		11/14/2006 15:48	11/15/2006 10:00	☐
0611272-69	SB40-06	Soil		11/14/2006 15:50	11/15/2006 10:00	☐
0611272-70	SB40-12 (Achive)	Soil		11/14/2006 15:51	11/15/2006 10:00	☐
0611272-71	SB41-06	Soil		11/14/2006 15:54	11/15/2006 10:00	☐
0611272-72	SB41-12 (Achive)	Soil		11/14/2006 15:56	11/15/2006 10:00	☐
0611272-73	RS1	Water		11/14/2006 15:56	11/15/2006 10:00	☐
0611272-74	Trip Blank 1104	Water		11/14/2006 16:00	11/15/2006 10:00	☐
0611272-75	Trip Blank 0421	Water		11/14/2006 16:00	11/15/2006 10:00	☐
0611272-76	Trip Blank 0335	Water		11/14/2006 16:00	11/15/2006 10:00	☐
0611272-77	Trip Blank 425	Water		11/14/2006 16:00	11/15/2006 10:00	☐

10450 Stancliff Rd. #210
Houston, Texas 77099
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(Fax) 281.530 5887

Chain of Custody Form

3352 128th Avenue
Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616 399.6185

e-Lab Project Manager:

e-Lab Work Order #: 06112772

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	~~5 Day~~ JAN
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	F	
Phone	(281) 821-6868	Phone	(281) 821-6868	G	
FAX	(281) 821-6870	Fax	(281) 821-6870	H	
e-Mail Address		e-Mail Address		I	
				J	

No.	Sample Description	Date	Time	Matrix	Preservative	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB10 06	11/14/06	1249	S	-	1		✓	✓								
2	↓ 12 (Archieve)		1250			1		✓	✓								✓
3	SB11 06		1258			1		✓	✓								
4	↓ 12 (Archieve)		1259			1		✓	✓								✓
5	SB12 06		1303			1		✓	✓								
6	↓ 12 (ARCHIVE)		1304			1		✓	✓								✓
7	SB13 06		1307			1		✓	✓								
8	↓ 12 (ARCHIVE)		1309			1		✓	✓								✓
9	SB14 06		1312			1		✓	✓								
10	12 (ARCHIVE)		1313			1		✓	✓								✓

Sample(s) Please Print & Sign: JACK WILEY

Shipment Method: FED EX

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ 3 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other

Results Due Date:

Relinquished by: [signature] Date: 11/14/06 Time: 15:30

Relinquished by: [signature] Date: 11/15/06 Time: 10:00

Received by:

Received by (Laboratory): [signature]

Notes: 10 Day TAT.

Logged by (Laboratory): Date: Time:

Checked by (Laboratory):

e-Lab Analytical Cooler ID: 1204

Cooler Temp.:

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

ote: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
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Chain of Custody Form

3352 128th Avenue
Holland, Michigan 49424
(Tel) 616 399.6070
(Fax) 616 399 6185

e-Lab Project Manager:

e-Lab Work Order #: 06272

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	
				F	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Preservative	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB15-06	11/14/06	1315	S		1		✓	✓								
2	↓ 12 (ARCHIVE)		1316			1		✓	✓								✓
3	SB16-06		1320			1		✓	✓								
4	↓ 12 (ARCHIVE)		1322			1		✓	✓								✓
5	SB17-06		1323			1		✓	✓								
6	↓ 12 (ARCHIVE)		1324			1		✓	✓								✓
7	SB18-06		1325			1		✓	✓								
8	12 (ARCHIVE)		1326			1		✓	✓								✓
9	SB19-06					1		✓	✓								
10	12 (ARCHIVE)					1		✓	✓								✓

Sampler(s) Please Print & Sign: JANE VITELLI

Shipment Method: FED EX

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ 3 WK Days ☐ 24 Hour ☐ Other

Results Due Date:

Notes: 10 Day TAT.

	Date	Time	
Relinquished by:	11/14/06	17:30	Received by:
Relinquished by:	11/15/06	10:00	Received by (Laboratory):
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):

e-Lab Analytical Cooler ID: 6109

Cooler Temp:

QC Package: (Check One Box Below)

- ☐ Level II Std QC
- ☑ TRRP CheckList
- ☐ Level III Std QC/Raw Data
- ☐ TRRP Level IV
- ☐ Level IV SW846/CLP
- ☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.

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Chain of Custody Form

3352 128th Avenue
Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

e-Lab Project Manager:

e-Lab Work Order #: 1141572

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc	Bill To Company	Golder Associates, Inc	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	F	
Phone	(281) 821-6868	Phone	(281) 821-6868	G	
Fax	(281) 821-6870	Fax	(281) 821-6870	H	
e-Mail Address		e-Mail Address		I	

No.	Sample Description	Date	Time	Matrix	Preservative	# Bottles	PM	A	B	C	D	E	F	G	H	I	J	HOLD
1	SB20-06	11/14/06		S	1338	1		✓	✓									
2	12 (ARCHIVE)				1339	1		✓	✓									✓
3	SB21-06				1340	1		✓	✓									
4	12 (ARCHIVE)				1341	1		✓	✓									✓
5	SB22-06				1347	1		✓	✓									
6	12 (ARCHIVE)				1348	1		✓	✓									✓
7	SB23-06				1350	1		✓	✓									
8	12 (ARCHIVE)				1351	1		✓	✓									✓
9	SB24-06 ⊄				1353	1		✓	✓									
10	12 (ARCHIVE)				1354	1		✓	✓									✓

Sampled By (Please Print & Sign): Jack Pitt

Shipment Method: Fed Ex

Required Turnaround Time (Check Box): ☐ Same ☐ 1 Wk Days ☐ 2 Wk Days ☐ 3 Wk Days ☐ 4 Wk Days ☐ 5 Wk Days ☐ 10 Wk Days

Results Due Date:

Relinquished by:	Date:	Time:	Received by:
	11/14/06	17:30	
Relinquished by:	Date:	Time:	Received by (Laboratory):
	11/15/06	10:00	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):

Notes: 10 Day TAT

e-Lab Analytical Cooler ID: 4356

CoC Tape Was: ☐ Present ☐ Not Present ☐ Not Intact

QC Package (Check One Box Below):
☐ Level II Std QC ☑ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4°C 9-5035

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Chain of Custody Form

Page 4 of 5

3352 128th Avenue
Holland, Michigan 49424
(Tel) 616 399 6070
(Fax) 616 399.6185

e-Lab Project Manager: | e-Lab Work Order #: 1272

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	MS = Matrix spike
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	MD = Matrix spike duplicate
				F	DS = duplicate sample
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB25-06	11/14/06	1410	S		1		✓	✓								
2	↓ 12 (ARCHIVE)		1411			1		✓	✓								✓
3	SB25 ~~DS~~ DS-5		1410			1		✓	✓								
4	↓ DS-6 (ARCHIVE)		1411			1		✓	✓								✓
5	SB26-06		1415			1		✓	✓								
6	↓ 12 (ARCHIVE)		1416			1		✓	✓								✓
7	SB-26-06 MS-S3		1415			1		✓	✓								
8	↓ ~~MD-S4~~ MD-S3		1415			1		✓	✓								✓
9	SB26-12 MS-S4 (ARCHIVE)		1416														✓
10	↓ MD-S4 (ARCHIVE)		1416														✓

Sampler(s) Please Print & Sign: [signature] | Shipment Method: FED EX | Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour | Results Due Date:

Relinquished by: [signature] Date: 11/14/06 Time: 12:30 | Received by:

Relinquished by: Date: 11/15/06 Time: 10:00 | Received by (Laboratory): [signature]

Logged by (Laboratory): Date: Time: | Checked by (Laboratory):

Notes: 10 Day TAT.

e-Lab Analytical Cooler ID: 204 | Cooler Temp:

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
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Chain of Custody Form

3352 128th Avenue
Holland, Michigan 49424
(Tel) 616 399.6070
(Fax) 616.399.6185

e-Lab Project Manager: | e-Lab Work Order #: 11/17/2

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	
				F	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB-27 06	11/14/06	1428	S		1		✓	✓								
2	12 (ARCHIVE)		1429			1		✓	✓								✓
3	SB-28 06		1431			1		✓	✓								
4	12 (ARCHIVE)		1432			1		✓	✓								✓
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: Julie Wiley [signature]

Shipment Method: FEDEX

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by:	Date:	Time:	Received by:
[signature]	11/14/06	17:30	
Relinquished by:	Date: 11/15/06	Time: 10:00	Received by (Laboratory): [signature]
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):

Notes: 10 Day TAT.

e-Lab Analytical Cooler ID	Cooler Temp.
[illegible]	

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

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Sample Receipt Checklist

Client Name GOLDER-HOU | Date/Time Received 11/15/2006 10:00:00 AM

Work Order Number 0611272 | Received by. EBF

Checklist completed by [signature] Signature 11/15/06 Date | Reviewed by PLL Initials 11/16/06 Date

Matrix So,l | Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s) Thermometer(s)	4.8,5 1,3 7,3,3,4 7c; 002		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐

Adjusted? Checked by

Login Notes

Client contacted Date contacted: Person contacted

Contacted by: Regarding:

Comments

Corrective Action

W.O.# 0611272

0421

e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax 218.530.5887

QUALITY • INTEGRITY • SERVICE

Date:
Name:
Company:

CUSTODY SEAL

Date: 11/14/2006 Time: 17:30
Name: Julie Utley
Company: Golder

Seal Broken By:
Date: 11/15/06

This portion can be removed for recipient's records

Date 11/14/06 FedEx Tracking Number 12 858669875051

Sender's Name Jack Plitt Phone 281 821-6868

Company Golder Associates

Address 500 Century Plaza Dr STE 190

Dept/Floor/Suite/Room

City Houston State TX ZIP 77073

Your Internal Billing Reference 063-4900

0335

e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281 530 5656
Fax. 218 530 5887

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Date: 11/14/2006
Name: Julie Utley
Company: Golder

CUSTODY SEAL

Date: 11/14/2006 Time: 17:30
Name: Julie Utley
Company: Golder

Seal Broken By:
Date: 11/15/06

FedEx Express US Airbill

FedEx Tracking Number 8586 6987 5051

From Please print and press hard

Date 11/14/06 Sender's FedEx Account Number 1294-4093-7

Sender's Name Jack Plitt Phone 281, 821-6868

Company Golder Associates

Address 500 Century Plaza Dr. STE 190

Dept/Floor/Suite/Room

City Houston State TX ZIP 77073

Your Internal Billing Reference 063-4900

First 24 characters will appear on invoice.

To Recipient's Name Pat Lynch Phone (281) 530-5656

Company E LAB ANALYTICAL

Recipient's Address 10450 STANCLIFF RD STE 210

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept/Floor/Suite/Room

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City HOUSTON State TX ZIP 77099

0345281078

Sender's Copy

4a Express Package Service — Packages up to 150 lbs.

- [X] FedEx Priority Overnight
- [ ] FedEx Standard Overnight
- [ ] FedEx First Overnight
- [ ] FedEx 2Day
- [ ] FedEx Express Saver

FedEx Envelope rate not available. Minimum charge: One-pound rate.

* To most locations.

4b Express Freight Service — Packages over 150 lbs.

- [ ] FedEx 1Day Freight*
- [ ] FedEx 2Day Freight
- [ ] FedEx 3Day Freight

* Call for Confirmation. ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak*
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

* Declared value limit $100

6 Special Handling

- [ ] SATURDAY Delivery — NOT Available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight
- [ ] HOLD Weekday at FedEx Location — NOT Available for FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below.

- [X] Sender — Acct. No. in Section 1 will be billed
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. Exp. Date

Total Packages	Total Weight	Total Declared Value†
5		$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details. By using this Airbill you agree to the service conditions on the back of this Airbill and in the current FedEx Service Guide, including terms that limit our liability. FedEx Use Only

8 NEW Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

W.O.# 011272

1290

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Houston, Texas 77099
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CUSTODY SEAL

Date: 11/16/06 Time: 17:30
Name: JULIE UTLEY
Company: GOLDER

Seal Broken By: CBZ
Date: 11/15/06

425

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10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

QUALITY • INTEGRITY • SERVICE

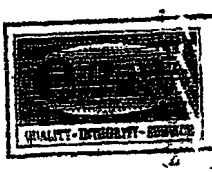
CUSTODY SEAL

Date: 11/16/06 Time: 17:30
Name: JULIE UTLEY
Company: GOLDER

Seal Broken By: CBZ
Date: 11/15/06

1104

W/O # U611272



e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218 530.5687

QUALITY - INTEGRITY - SERVICE

CUSTODY SEAL

Date: 11/14/2006 Time: 17:30
Name: Jack Plitt
Comp: Golder

Seal Broken By: CBT
Date: 11/15/06

FedEx Express US Airbill

FedEx Tracking Number 8586 6987 5051

1 From Please print and press hard

Date 11/14/06 Sender's FedEx Account Number 1294-4093-7

Sender's Name Jack Plitt Phone 281 821-6868

Company Golder Associates

Address 500 Century Plaza Dr. STE 190 Dept./Floor/Suite/Room

City Houston State TX ZIP 77073

2 Your Internal Billing Reference First 24 characters will appear on invoice. 063-4900

3 To Recipient's Name Pat Lynch Phone (281) 530-5656

Company E LAB ANALYTICAL

Recipient's Address 10450 STANCLIFF RD STE 210

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City HOUSTON State TX ZIP 77099

0345281078

Schedule a pickup at fedex.com
Simplify your shipping. Manage your account. Access all the tools you need.

Sender's Co

4a Express Package Service — Packages up to 150 lb

- [X] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge. One-pound rate.

* To most locations

4b Express Freight Service — Packages over 150 lb

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation ** To most locations

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

* Declared value $100,000

6 Special Handling — Include redirect address in Section 3

- [ ] SATURDAY Delivery — NOT Available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight
- [ ] HOLD Weekday at FedEx Location — NOT Available for FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods?

One box must be checked.

- [X] No
- [ ] Yes — No per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including ice) cannot be shipped in FedEx packaging.

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below.

- [X] Sender — Acct. No. in Section 1 will be billed
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. Exp. Date

Total Packages	Total Weight	Total Declared Value†
5		$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details. By using this detail you agree to the service conditions on the back of this Airbill and in the current FedEx Service Guide, including terms that limit our liability. FedEx Use Only

8 NEW Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required — Package may be left without requiring a signature for delivery
- [ ] Direct Signature — Anyone at recipient's address may sign for delivery. For anyone.
- [ ] Indirect Signature — If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. For anyone.

519

Rev. Date 11/05 Part #152279-C1994-2005 FedEx PRINTED IN U.S.A. 1397

Analytical Report

Golder Associates, Inc.
CRI - Superfund
Work Order 0611272

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB10 06
Work Order:	0611272	**Collection Date:**	11/14/2006 12:49:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611272-01	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep: SW7471A / 11/22/06		Analyst: JCJ
Mercury	13.7	J	1.7	16.3	µg/Kg-dry	1	11/22/2006
ICP METALS		Method: SW6020			Prep: SW3050A / 11/16/06		Analyst: SA
Antimony	U		0 17	0 613	mg/Kg-dry	1	11/17/2006
Arsenic	5.75		0.16	0.613	mg/Kg-dry	1	11/17/2006
Barium	186		0.086	0.613	mg/Kg-dry	1	11/17/2006
Beryllium	0.710		0.037	0.613	mg/Kg-dry	1	11/17/2006
Cadmium	0.0887	J	0.037	0.613	mg/Kg-dry	1	11/17/2006
Chromium	10.5		0.086	0.613	mg/Kg-dry	1	11/17/2006
Copper	14.5		0.049	0.613	mg/Kg-dry	1	11/17/2006
Lead	24.0		0.11	0.613	mg/Kg-dry	1	11/17/2006
Nickel	14.5		0.098	0.613	mg/Kg-dry	1	11/17/2006
Selenium	1.04		0.23	0.613	mg/Kg-dry	1	11/17/2006
Silver	U		0 025	0 613	mg/Kg-dry	1	11/17/2006
Thallium	0.0824	J	0.061	0.613	mg/Kg-dry	1	11/17/2006
Zinc	32.2		0.12	0.613	mg/Kg-dry	1	11/17/2006
PERCENT MOISTURE		Method: E160.3					Analyst: MAM
Percent Moisture	20.1		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB11 06
Work Order:	0611272	**Collection Date:**	11/14/2006 12:50:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611272-03	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep: SW7471A / 11/22/06		Analyst: JCJ
Mercury	14.1	J	1.7	16.2	µg/Kg-dry	1	11/22/2006
ICP METALS		Method: SW6020			Prep: SW3050A / 11/16/06		Analyst: SA
Antimony	0.172	J	0.16	0.576	mg/Kg-dry	1	11/17/2006
Arsenic	4.99		0.15	0.576	mg/Kg-dry	1	11/17/2006
Barium	164		0.081	0.576	mg/Kg-dry	1	11/17/2006
Beryllium	0.692		0.035	0.576	mg/Kg-dry	1	11/17/2006
Cadmium	0.422	J	0.035	0.576	mg/Kg-dry	1	11/17/2006
Chromium	13.4		0.081	0.576	mg/Kg-dry	1	11/17/2006
Copper	103		0.046	0.576	mg/Kg-dry	1	11/17/2006
Lead	41.7		0.10	0.576	mg/Kg-dry	1	11/17/2006
Nickel	14.4		0.092	0.576	mg/Kg-dry	1	11/17/2006
Selenium	1.44		0.22	0.576	mg/Kg-dry	1	11/17/2006
Silver	0.0993	J	0.023	0.576	mg/Kg-dry	1	11/17/2006
Thallium	0.149	J	0.068	0.576	mg/Kg-dry	1	11/17/2006
Zinc	101		0.12	0.576	mg/Kg-dry	1	11/17/2006
PERCENT MOISTURE		Method: E160.3					Analyst: MAM
Percent Moisture	18.2		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

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- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc. **Date:** *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB12 06
Work Order:	0611272	**Collection Date:**	11/14/2006 1:03:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611272-05	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/22/06		Analyst: JCJ
Mercury	25.7		1.7	15.9	µg/Kg-dry	1	11/22/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/16/06		Analyst: SA
Antimony	0.199	J	0.16	0.525	mg/Kg-dry	1	11/17/2006
Arsenic	5.01		0.14	0.525	mg/Kg-dry	1	11/17/2006
Barium	142		0.073	0.525	mg/Kg-dry	1	11/17/2006
Beryllium	0.602		0.031	0.525	mg/Kg-dry	1	11/17/2006
Cadmium	0.453	J	0.031	0.525	mg/Kg-dry	1	11/17/2006
Chromium	13.6		0.073	0.525	mg/Kg-dry	1	11/17/2006
Copper	295		0.84	10.5	mg/Kg-dry	20	12/1/2006
Lead	280		1.9	10.5	mg/Kg-dry	20	12/1/2006
Nickel	13.3		0.084	0.525	mg/Kg-dry	1	11/17/2006
Selenium	1.15		0.20	0.525	mg/Kg-dry	1	11/17/2006
Silver	0.146	J	0.021	0.525	mg/Kg-dry	1	11/17/2006
Thallium	0.104	J	0.052	0.525	mg/Kg-dry	1	11/17/2006
Zinc	140		0.10	0.525	mg/Kg-dry	1	11/17/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	17.1		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB13 06
Work Order:	0611272	**Collection Date:**	11/14/2006 1:07:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611272-07	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep SW7471A / 11/22/06		Analyst: JCJ
Mercury	381		1.5	14.3	µg/Kg-dry	1	11/22/2006
ICP METALS		Method SW6020			Prep. SW3050A / 11/16/06		Analyst: SA
Antimony	12.4		0.14	0.498	mg/Kg-dry	1	11/18/2006
Arsenic	5.58		0.13	0.498	mg/Kg-dry	1	11/18/2006
Barium	302		7.0	49.8	mg/Kg-dry	100	11/20/2006
Beryllium	0.297	J	0.030	0.498	mg/Kg-dry	1	11/18/2006
Cadmium	1.08		0.030	0.498	mg/Kg-dry	1	11/18/2006
Chromium	1,410		7.0	49.8	mg/Kg-dry	100	11/20/2006
Copper	301		4.0	49.8	mg/Kg-dry	100	11/20/2006
Lead	5,830		9.0	49.8	mg/Kg-dry	100	11/20/2006
Nickel	16.8		0.080	0.498	mg/Kg-dry	1	11/18/2006
Selenium	1.29		0.19	0.498	mg/Kg-dry	1	11/18/2006
Silver	U		0.020	0.498	mg/Kg-dry	1	11/18/2006
Thallium	0.0608	J	0.050	0.498	mg/Kg-dry	1	11/18/2006
Zinc	1,750		10	49.8	mg/Kg-dry	100	11/20/2006
PERCENT MOISTURE		Method E160.3					Analyst: MAM
Percent Moisture	9.47		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB14 06
Work Order:	0611272	**Collection Date:**	11/14/2006 1:12:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611272-09	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/22/06		Analyst: JCJ
Mercury	6.27	J	1.7	16.5	µg/Kg-dry	1	11/22/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/18/06		Analyst: SA
Antimony	0.187	J	0.16	0.573	mg/Kg-dry	1	11/18/2006
Arsenic	7.18		0.15	0.573	mg/Kg-dry	1	11/18/2006
Barium	299		1.6	11.5	mg/Kg-dry	20	11/20/2006
Beryllium	0.857		0.034	0.573	mg/Kg-dry	1	11/18/2006
Cadmium	0.231	J	0.034	0.573	mg/Kg-dry	1	11/18/2006
Chromium	21.1		0.080	0.573	mg/Kg-dry	1	11/18/2006
Copper	58.2		0.046	0.573	mg/Kg-dry	1	11/18/2006
Lead	144		0.10	0.573	mg/Kg-dry	1	11/18/2006
Nickel	20.3		0.092	0.573	mg/Kg-dry	1	11/18/2006
Selenium	1.62		0.22	0.573	mg/Kg-dry	1	11/18/2006
Silver	U		0.023	0.573	mg/Kg-dry	1	11/18/2006
Thallium	0.147	J	0.057	0.573	mg/Kg-dry	1	11/18/2006
Zinc	44.4		0.11	0.573	mg/Kg-dry	1	11/18/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	19.9		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB15 -06
Work Order:	0611272	**Collection Date:**	11/14/2006 1:15:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611272-11	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep: SW7471A / 11/22/06		Analyst: JCJ
Mercury	9.84	J	1.7	16.8	µg/Kg-dry	1	11/22/2006
ICP METALS		Method: SW6020			Prep: SW3050A / 11/16/06		Analyst: SA
Antimony	0.223	J	0.16	0.580	mg/Kg-dry	1	11/18/2006
Arsenic	2.71		0.15	0.580	mg/Kg-dry	1	11/18/2006
Barium	206		0.081	0.580	mg/Kg-dry	1	11/18/2006
Beryllium	0.722		0.035	0.580	mg/Kg-dry	1	11/18/2006
Cadmium	0.149	J	0.035	0.580	mg/Kg-dry	1	11/18/2006
Chromium	21.1		0.081	0.580	mg/Kg-dry	1	11/18/2006
Copper	14.0		0.046	0.580	mg/Kg-dry	1	11/18/2006
Lead	70.1		0.10	0.580	mg/Kg-dry	1	11/18/2006
Nickel	14.8		0.093	0.580	mg/Kg-dry	1	11/18/2006
Selenium	0.987		0.22	0.580	mg/Kg-dry	1	11/18/2006
Silver	U		0.023	0.580	mg/Kg-dry	1	11/18/2006
Thallium	0.0931	J	0.058	0.580	mg/Kg-dry	1	11/18/2006
Zinc	53.6		0.12	0.580	mg/Kg-dry	1	11/18/2006
PERCENT MOISTURE		Method: E160.3					Analyst: MAM
Percent Moisture	19.4		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB16-06
Work Order:	0611272	**Collection Date:**	11/14/2006 1:20:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611272-13	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep: SW7471A / 11/22/06		Analyst: JCJ
Mercury	19.4		1.7	15.8	µg/Kg-dry	1	11/22/2006
ICP METALS		Method: SW6020			Prep: SW3050A / 11/16/06		Analyst SA
Antimony	0.302	J	0.16	0.573	mg/Kg-dry	1	11/18/2006
Arsenic	5.58		0.15	0.573	mg/Kg-dry	1	11/18/2006
Barium	258		1.6	11.5	mg/Kg-dry	20	11/20/2006
Beryllium	0.706		0.034	0.573	mg/Kg-dry	1	11/18/2006
Cadmium	0.486	J	0.034	0.573	mg/Kg-dry	1	11/18/2006
Chromium	84.0		0.080	0.573	mg/Kg-dry	1	11/18/2006
Copper	36.3		0.046	0.573	mg/Kg-dry	1	11/18/2006
Lead	194		0.10	0.573	mg/Kg-dry	1	11/18/2006
Nickel	18.0		0.092	0.573	mg/Kg-dry	1	11/18/2006
Selenium	1.53		0.22	0.573	mg/Kg-dry	1	11/18/2006
Silver	U		0.023	0.573	mg/Kg-dry	1	11/18/2006
Thallium	0.142	J	0.057	0.573	mg/Kg-dry	1	11/18/2006
Zinc	138		0.11	0.573	mg/Kg-dry	1	11/18/2006
PERCENT MOISTURE		Method: E160.3					Analyst. MAM
Percent Moisture	17.7		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

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- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB17-06
Work Order:	0611272	**Collection Date:**	11/14/2006 1:23:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611272-15	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep. SW7471A / 11/22/06		Analyst: JCJ
Mercury	16.8		1.7	16.4	µg/Kg-dry	1	11/22/2006
ICP METALS			Method SW6020		Prep. SW3050A / 11/16/06		Analyst: SA
Antimony	U		0.17	0.603	mg/Kg-dry	1	11/17/2006
Arsenic	4.02		0.16	0.603	mg/Kg-dry	1	11/17/2006
Barium	187		0.084	0.603	mg/Kg-dry	1	11/17/2006
Beryllium	0.777		0.036	0.603	mg/Kg-dry	1	11/17/2006
Cadmium	0.397	J	0.036	0.603	mg/Kg-dry	1	11/17/2006
Chromium	34.1		0.084	0.603	mg/Kg-dry	1	11/17/2006
Copper	25.1		0.048	0.603	mg/Kg-dry	1	11/17/2006
Lead	106		0.11	0.603	mg/Kg-dry	1	11/17/2006
Nickel	12.0		0.096	0.603	mg/Kg-dry	1	11/17/2006
Selenium	1.39		0.23	0.603	mg/Kg-dry	1	11/17/2006
Silver	U		0.024	0.603	mg/Kg-dry	1	11/17/2006
Thallium	0.163	J	0.060	0.603	mg/Kg-dry	1	11/17/2006
Zinc	56.3		0.12	0.603	mg/Kg-dry	1	11/17/2006
PERCENT MOISTURE			Method E160.3				Analyst: MAM
Percent Moisture	19.5		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

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S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB18-06
Work Order:	0611272	**Collection Date:**	11/14/2006 1:25:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611272-17	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method:	SW7471A		Prep. SW7471A / 11/22/06		Analyst: JCJ
Mercury	3.10	J	1.7	15.8	µg/Kg-dry	1	11/22/2006
ICP METALS		Method	SW6020		Prep. SW3050A / 11/16/06		Analyst: SA
Antimony	U		0.16	0.576	mg/Kg-dry	1	11/17/2006
Arsenic	3.46		0.15	0.576	mg/Kg-dry	1	11/17/2006
Barium	212		0.081	0.576	mg/Kg-dry	1	11/17/2006
Beryllium	0.760		0.035	0.576	mg/Kg-dry	1	11/17/2006
Cadmium	0.105	J	0.035	0.576	mg/Kg-dry	1	11/17/2006
Chromium	13.8		0.081	0.576	mg/Kg-dry	1	11/17/2006
Copper	13.4		0.046	0.576	mg/Kg-dry	1	11/17/2006
Lead	18.7		0.10	0.576	mg/Kg-dry	1	11/17/2006
Nickel	10.1		0.092	0.576	mg/Kg-dry	1	11/17/2006
Selenium	1.15		0.22	0.576	mg/Kg-dry	1	11/17/2006
Silver	U		0.023	0.576	mg/Kg-dry	1	11/17/2006
Thallium	0.119	J	0.058	0.576	mg/Kg-dry	1	11/17/2006
Zinc	29.0		0.12	0.576	mg/Kg-dry	1	11/17/2006
PERCENT MOISTURE		Method	E160.3				Analyst: MAM
Percent Moisture	19.7		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB19-06
Work Order:	0611272	**Collection Date:**	11/14/2006
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611272-19	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep: SW7471A / 11/22/06		Analyst: JCJ
Mercury	4.02	J	1.7	16.0	µg/Kg-dry	1	11/22/2006
ICP METALS		Method: SW6020			Prep: SW3050A / 11/16/06		Analyst: SA
Antimony	U		0.16	0.586	mg/Kg-dry	1	11/17/2006
Arsenic	4.68		0.15	0.586	mg/Kg-dry	1	11/17/2006
Barium	331		1.6	11.7	mg/Kg-dry	20	11/20/2006
Beryllium	0.870		0.035	0.586	mg/Kg-dry	1	11/17/2006
Cadmium	0.179	J	0.035	0.586	mg/Kg-dry	1	11/17/2006
Chromium	13.2		0.082	0.586	mg/Kg-dry	1	11/17/2006
Copper	12.7		0.047	0.586	mg/Kg-dry	1	11/17/2006
Lead	26.6		0.11	0.586	mg/Kg-dry	1	11/17/2006
Nickel	22.2		0.094	0.586	mg/Kg-dry	1	11/17/2006
Selenium	1.45		0.22	0.586	mg/Kg-dry	1	11/17/2006
Silver	U		0.023	0.586	mg/Kg-dry	1	11/17/2006
Thallium	0.144	J	0.059	0.586	mg/Kg-dry	1	11/17/2006
Zinc	27.9		0.12	0.586	mg/Kg-dry	1	11/17/2006
PERCENT MOISTURE		Method: E160.3					Analyst: MAM
Percent Moisture	19.5		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB20-06
Work Order:	0611272	**Collection Date:**	11/14/2006 1:38:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611272-21	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep SW7471A / 11/22/06		Analyst: JCJ
Mercury	125		1.7	16.1	µg/Kg-dry	1	11/22/2006
ICP METALS		Method: SW6020			Prep SW3050A / 11/16/06		Analyst: SA
Antimony	0.244	J	0.16	0.545	mg/Kg-dry	1	11/17/2006
Arsenic	5.08		0.14	0.545	mg/Kg-dry	1	11/17/2006
Barium	199		0.076	0.545	mg/Kg-dry	1	11/17/2006
Beryllium	0.808		0.033	0.545	mg/Kg-dry	1	11/17/2006
Cadmium	0.348	J	0.033	0.545	mg/Kg-dry	1	11/17/2006
Chromium	37.8		0.076	0.545	mg/Kg-dry	1	11/17/2006
Copper	31.3		0.044	0.545	mg/Kg-dry	1	11/17/2006
Lead	116		0.098	0.545	mg/Kg-dry	1	11/17/2006
Nickel	13.8		0.087	0.545	mg/Kg-dry	1	11/17/2006
Selenium	1.27		0.21	0.545	mg/Kg-dry	1	11/17/2006
Silver	U		0.022	0.545	mg/Kg-dry	1	11/17/2006
Thallium	0.128	J	0.054	0.545	mg/Kg-dry	1	11/17/2006
Zinc	149		0.11	0.545	mg/Kg-dry	1	11/17/2006
PERCENT MOISTURE		Method: E160.3					Analyst: MAM
Percent Moisture	18.8		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB21-06
Work Order:	0611272	**Collection Date:**	11/14/2006 1:40:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611272-23	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/22/06		Analyst: JCJ
Mercury	89.6		1.7	16.4	µg/Kg-dry	1	11/22/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/16/06		Analyst: SA
Antimony	0.167	J	0.16	0.581	mg/Kg-dry	1	11/17/2006
Arsenic	4.33		0.15	0.581	mg/Kg-dry	1	11/17/2006
Barium	176		0.081	0.581	mg/Kg-dry	1	11/17/2006
Beryllium	0.861		0.035	0.581	mg/Kg-dry	1	11/17/2006
Cadmium	0.220	J	0.035	0.581	mg/Kg-dry	1	11/17/2006
Chromium	26.2		0.081	0.581	mg/Kg-dry	1	11/17/2006
Copper	18.7		0.047	0.581	mg/Kg-dry	1	11/17/2006
Lead	87.0		0.10	0.581	mg/Kg-dry	1	11/17/2006
Nickel	13.0		0.093	0.581	mg/Kg-dry	1	11/17/2006
Selenium	1.24		0.22	0.581	mg/Kg-dry	1	11/17/2006
Silver	U		0.023	0.581	mg/Kg-dry	1	11/17/2006
Thallium	0.128	J	0.058	0.581	mg/Kg-dry	1	11/17/2006
Zinc	113		0.12	0.581	mg/Kg-dry	1	11/17/2006
PERCENT MOISTURE			Method E160.3				Analyst: MAM
Percent Moisture	20.4		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB22-06
Work Order:	0611272	**Collection Date:**	11/14/2006 1:47:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611272-25	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep SW7471A / 11/22/06		Analyst JCJ
Mercury	24.5		1.6	15.6	µg/Kg-dry	1	11/22/2006
ICP METALS		Method SW6020			Prep: SW3050A / 11/18/06		Analyst SA
Antimony	0.260	J	0.16	0.557	mg/Kg-dry	1	11/17/2006
Arsenic	4.43		0.14	0.557	mg/Kg-dry	1	11/17/2006
Barium	197		0.078	0.557	mg/Kg-dry	1	11/17/2006
Beryllium	0.759		0.033	0.557	mg/Kg-dry	1	11/17/2006
Cadmium	0.255	J	0.033	0.557	mg/Kg-dry	1	11/17/2006
Chromium	28.8		0.078	0.557	mg/Kg-dry	1	11/17/2006
Copper	44.0		0.046	0.557	mg/Kg-dry	1	11/17/2006
Lead	78.8		0.10	0.557	mg/Kg-dry	1	11/17/2006
Nickel	13.8		0.089	0.557	mg/Kg-dry	1	11/17/2006
Selenium	1.36		0.21	0.557	mg/Kg-dry	1	11/17/2006
Silver	U		0 022	0 557	mg/Kg-dry	1	11/17/2006
Thallium	0.128	J	0.056	0.557	mg/Kg-dry	1	11/17/2006
Zinc	86.8		0.11	0.557	mg/Kg-dry	1	11/17/2006
PERCENT MOISTURE		Method: E160.3					Analyst: MAM
Percent Moisture	16.0		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB23-06
Work Order:	0611272	**Collection Date:**	11/14/2006 1:50:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611272-27	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep. SW7471A / 11/22/06		Analyst: JCJ
Mercury	57.4		1.6	15.6	µg/Kg-dry	1	11/22/2006
ICP METALS		Method: SW6020			Prep. SW3050A / 11/16/06		Analyst: SA
Antimony	6.13		0.15	0.536	mg/Kg-dry	1	11/17/2006
Arsenic	4.40		0.14	0.536	mg/Kg-dry	1	11/17/2006
Barium	583		7.5	53.6	mg/Kg-dry	100	11/20/2006
Beryllium	0.572		0.032	0.536	mg/Kg-dry	1	11/17/2006
Cadmium	1.41		0.032	0.536	mg/Kg-dry	1	11/17/2006
Chromium	363		7.5	53.6	mg/Kg-dry	100	11/20/2006
Copper	98.5		0.043	0.536	mg/Kg-dry	1	11/17/2006
Lead	1,620		9.6	53.6	mg/Kg-dry	100	11/20/2006
Nickel	42.0		0.086	0.536	mg/Kg-dry	1	11/17/2006
Selenium	1.13		0.20	0.536	mg/Kg-dry	1	11/17/2006
Silver	U		0.021	0.536	mg/Kg-dry	1	11/17/2006
Thallium	0.0996	J	0.064	0.536	mg/Kg-dry	1	11/17/2006
Zinc	556		11	53.6	mg/Kg-dry	100	11/20/2006
PERCENT MOISTURE		Method: E160.3					Analyst: MAM
Percent Moisture	16.7		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

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S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB24-06
Work Order:	0611272	**Collection Date:**	11/14/2006 1:53:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611272-29	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep: SW7471A / 11/22/06		Analyst: JCJ
Mercury	79.4		1.5	14.5	µg/Kg-dry	1	11/22/2006
ICP METALS			Method SW6020		Prep SW3050A / 11/16/06		Analyst SA
Antimony	0.491	J	0.14	0.500	mg/Kg-dry	1	11/20/2006
Arsenic	5.66		0.13	0.500	mg/Kg-dry	1	11/20/2006
Barium	160		0.070	0.500	mg/Kg-dry	1	11/20/2006
Beryllium	0.392	J	0.030	0.500	mg/Kg-dry	1	11/20/2006
Cadmium	1.05		0.030	0.500	mg/Kg-dry	1	11/20/2006
Chromium	76.1		0.070	0.500	mg/Kg-dry	1	11/20/2006
Copper	40.0		0.040	0.500	mg/Kg-dry	1	11/20/2006
Lead	258		1.8	10.0	mg/Kg-dry	20	11/20/2006
Nickel	11.7		0.080	0.500	mg/Kg-dry	1	11/20/2006
Selenium	1.52		0.19	0.500	mg/Kg-dry	1	11/20/2006
Silver	0.0443	J	0.020	0.500	mg/Kg-dry	1	11/20/2006
Thallium	0.0854	J	0.060	0.500	mg/Kg-dry	1	11/20/2006
Zinc	235		2.0	10.0	mg/Kg-dry	20	11/20/2006
PERCENT MOISTURE			Method E160.3				Analyst: MAM
Percent Moisture	9.13		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

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* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB25-06
Work Order:	0611272	**Collection Date:**	11/14/2006 2:10:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611272-31	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep: SW7471A / 11/22/06		Analyst: JCJ
Mercury	78.2		1.6	15.5	µg/Kg-dry	1	11/22/2006
ICP METALS			Method SW6020		Prep SW3050A / 11/16/06		Analyst SA
Antimony	0.391	J	0.15	0.539	mg/Kg-dry	1	11/20/2006
Arsenic	2.61		0.14	0.539	mg/Kg-dry	1	11/20/2006
Barium	137		0.076	0.539	mg/Kg-dry	1	11/20/2006
Beryllium	0.652		0.032	0.539	mg/Kg-dry	1	11/20/2006
Cadmium	0.129	J	0.032	0.539	mg/Kg-dry	1	11/20/2006
Chromium	60.7		0.076	0.539	mg/Kg-dry	1	11/20/2006
Copper	12.3		0.043	0.539	mg/Kg-dry	1	11/20/2006
Lead	243		1.9	10.8	mg/Kg-dry	20	11/20/2006
Nickel	8.48		0.086	0.539	mg/Kg-dry	1	11/20/2006
Selenium	1.21		0.20	0.539	mg/Kg-dry	1	11/20/2006
Silver	0.0370	J	0.022	0.539	mg/Kg-dry	1	11/20/2006
Thallium	0.0950	J	0.054	0.539	mg/Kg-dry	1	11/20/2006
Zinc	66.5		0.11	0.539	mg/Kg-dry	1	11/20/2006
PERCENT MOISTURE			Method E160.3				Analyst: MAM
Percent Moisture	14.9		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB25-DS-5
Work Order:	0611272	**Collection Date:**	11/14/2006 2:10:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611272-33	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/22/06		Analyst JCJ
Mercury	35.2		1.6	16.3	µg/Kg-dry	1	11/22/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/16/06		Analyst SA
Antimony	0.348	J	0.16	0.534	mg/Kg-dry	1	11/20/2006
Arsenic	3.17		0.14	0.534	mg/Kg-dry	1	11/20/2006
Barium	240		1.5	10.7	mg/Kg-dry	20	11/20/2006
Beryllium	0.690		0.032	0.534	mg/Kg-dry	1	11/20/2006
Cadmium	0.256	J	0.032	0.534	mg/Kg-dry	1	11/20/2006
Chromium	106		0.075	0.534	mg/Kg-dry	1	11/20/2006
Copper	17.5		0.043	0.534	mg/Kg-dry	1	11/20/2006
Lead	475		1.9	10.7	mg/Kg-dry	20	11/20/2006
Nickel	14.5		0.085	0.534	mg/Kg-dry	1	11/20/2006
Selenium	1.28		0.20	0.534	mg/Kg-dry	1	11/20/2006
Silver	0.0316	J	0.021	0.534	mg/Kg-dry	1	11/20/2006
Thallium	0.113	J	0.053	0.534	mg/Kg-dry	1	11/20/2006
Zinc	56.3		0.11	0.534	mg/Kg-dry	1	11/20/2006
PERCENT MOISTURE			Method: E160.3				Analyst MAM
Percent Moisture	16.4		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB26-06
Work Order:	0611272	**Collection Date:**	11/14/2006 2:15:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611272-35	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/22/06		Analyst: JCJ
Mercury	114		1.6	15.5	µg/Kg-dry	1	11/22/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/16/06		Analyst: SA
Antimony	0.475	J	0.15	0.523	mg/Kg-dry	1	11/20/2006
Arsenic	7.05		0.14	0.523	mg/Kg-dry	1	11/20/2006
Barium	222		1.5	10.5	mg/Kg-dry	20	11/20/2006
Beryllium	0.748		0.031	0.523	mg/Kg-dry	1	11/20/2006
Cadmium	0.300	J	0.031	0.523	mg/Kg-dry	1	11/20/2006
Chromium	21.2		0.073	0.523	mg/Kg-dry	1	11/20/2006
Copper	53.4		0.042	0.523	mg/Kg-dry	1	11/20/2006
Lead	64.3		0.094	0.523	mg/Kg-dry	1	11/20/2006
Nickel	13.9		0.084	0.523	mg/Kg-dry	1	11/20/2006
Selenium	1.37		0.20	0.523	mg/Kg-dry	1	11/20/2006
Silver	0.122	J	0.021	0.523	mg/Kg-dry	1	11/20/2006
Thallium	0.126	J	0.052	0.523	mg/Kg-dry	1	11/20/2006
Zinc	286		2.1	10.5	mg/Kg-dry	20	11/20/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	16.9		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB27-06
Work Order:	0611272	**Collection Date:**	11/14/2006 2:28:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611272-41	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/22/06		Analyst: JCJ
Mercury	259		1.6	14.8	µg/Kg-dry	1	11/22/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/16/06		Analyst: SA
Antimony	0.317	J	0.15	0.552	mg/Kg-dry	1	11/17/2006
Arsenic	4.89		0.14	0.552	mg/Kg-dry	1	11/17/2006
Barium	171		0.077	0.552	mg/Kg-dry	1	11/17/2006
Beryllium	0.603		0.033	0.552	mg/Kg-dry	1	11/17/2006
Cadmium	0.519	J	0.033	0.552	mg/Kg-dry	1	11/17/2006
Chromium	64.1		0.077	0.552	mg/Kg-dry	1	11/17/2006
Copper	65.4		0.044	0.552	mg/Kg-dry	1	11/17/2006
Lead	128		0.099	0.552	mg/Kg-dry	1	11/17/2006
Nickel	13.0		0.088	0.552	mg/Kg-dry	1	11/17/2006
Selenium	1.13		0.21	0.552	mg/Kg-dry	1	11/17/2006
Silver	U		0.022	0.552	mg/Kg-dry	1	11/17/2006
Thallium	0.126	J	0.055	0.552	mg/Kg-dry	1	11/17/2006
Zinc	118		0.11	0.552	mg/Kg-dry	1	11/17/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	13.8		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

- U - Analyzed for but Not Detected
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB28-06
Work Order:	0611272	**Collection Date:**	11/14/2006 2:31:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611272-43	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep: SW7471A / 11/22/06		Analyst: JCJ
Mercury	244		1.6	14.7	µg/Kg-dry	1	11/22/2006
ICP METALS			Method SW6020		Prep: SW3050A / 11/16/06		Analyst SA
Antimony	2.39		0.14	0.504	mg/Kg-dry	1	11/17/2006
Arsenic	4.11		0.13	0.504	mg/Kg-dry	1	11/17/2006
Barium	611		7.1	50.4	mg/Kg-dry	100	11/20/2006
Beryllium	0.466	J	0.030	0.504	mg/Kg-dry	1	11/17/2006
Cadmium	1.85		0.030	0.504	mg/Kg-dry	1	11/17/2006
Chromium	328		7.1	50.4	mg/Kg-dry	100	11/20/2006
Copper	321		4.0	50.4	mg/Kg-dry	100	11/20/2006
Lead	1,160		9.1	50.4	mg/Kg-dry	100	11/20/2006
Nickel	14.9		0.081	0.504	mg/Kg-dry	1	11/17/2006
Selenium	0.940		0.19	0.504	mg/Kg-dry	1	11/17/2006
Silver	U		0.020	0.504	mg/Kg-dry	1	11/17/2006
Thallium	0.0919	J	0.050	0.504	mg/Kg-dry	1	11/17/2006
Zinc	556		10	50.4	mg/Kg-dry	100	11/20/2006
PERCENT MOISTURE			Method E160.3				Analyst: MAM
Percent Moisture	10.6		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

QC Batch Summary Report

Golder Associates, Inc.
CRI - Superfund
Work Order 0611272

Lab Order: 0611272
Client: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611272-01A	SB10 06	11/14/2006 12 49 00 PM	Soil	ICP Metals		11/16/2006	20810	11/17/2006
				Mercury, Total		11/22/2006	20901	11/22/2006
				Percent Moisture			R43940	11/15/2006
0611272-03A	SB11 06	11/14/2006 12 50 00 PM		ICP Metals		11/16/2006	20810	11/17/2006
				Mercury, Total		11/22/2006	20901	11/22/2006
				Percent Moisture			R43940	11/15/2006
0611272-05A	SB12 06	11/14/2006 1 03 00 PM		ICP Metals		11/16/2006	20810	11/17/2006
				ICP Metals		11/16/2006	20810	12/1/2006
				Mercury, Total		11/22/2006	20901	11/22/2006
				Percent Moisture			R43940	11/15/2006
0611272-07A	SB13 06	11/14/2006 1 07 00 PM		ICP Metals		11/16/2006	20810	11/17/2006
				ICP Metals		11/16/2006	20810	11/18/2006
				ICP Metals		11/16/2006	20810	11/20/2006
				Mercury, Total		11/22/2006	20901	11/22/2006
				Percent Moisture			R43940	11/15/2006
0611272-09A	SB14 06	11/14/2006 1 12 00 PM		ICP Metals		11/16/2006	20810	11/17/2006
				ICP Metals		11/16/2006	20810	11/20/2006
				ICP Metals		11/16/2006	20810	11/18/2006
				Mercury, Total		11/22/2006	20901	11/22/2006
				Percent Moisture			R43940	11/15/2006
0611272-11A	SB15 -06	11/14/2006 1 15 00 PM		ICP Metals		11/16/2006	20810	11/17/2006
				ICP Metals		11/16/2006	20810	11/18/2006
				Mercury, Total		11/22/2006	20901	11/22/2006
				Percent Moisture			R43940	11/15/2006
0611272-13A	SB16-06	11/14/2006 1 20 00 PM		ICP Metals		11/16/2006	20810	11/17/2006
				ICP Metals		11/16/2006	20810	11/18/2006
				ICP Metals		11/16/2006	20810	11/20/2006

Lab Order: 0611272
Client: Golder Associates, Inc.
Project: CRJ-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611272-13A	SB16-06	11/14/2006 1 20 00 PM	Soil	Mercury, Total		11/22/2006	20901	11/22/2006
				Percent Moisture			R43940	11/15/2006
0611272-15A	SB17-06	11/14/2006 1 23 00 PM		ICP Metals		11/16/2006	20811	11/17/2006
				Mercury, Total		11/22/2006	20901	11/22/2006
				Percent Moisture			R43940	11/15/2006
0611272-17A	SB18-06	11/14/2006 1 25 00 PM		ICP Metals		11/16/2006	20811	11/17/2006
				Mercury, Total		11/22/2006	20901	11/22/2006
				Percent Moisture			R43940	11/15/2006
0611272-19A	SB19-06	11/14/2006		ICP Metals		11/16/2006	20811	11/17/2006
				ICP Metals		11/16/2006	20811	11/20/2006
				Mercury, Total		11/22/2006	20901	11/22/2006
				Percent Moisture			R43940	11/15/2006
0611272-21A	SB20-06	11/14/2006 1 38 00 PM		ICP Metals		11/16/2006	20811	11/17/2006
				Mercury, Total		11/22/2006	20901	11/22/2006
				Percent Moisture			R43940	11/15/2006
0611272-23A	SB21-06	11/14/2006 1 40 00 PM		ICP Metals		11/16/2006	20811	11/17/2006
				Mercury, Total		11/22/2006	20901	11/22/2006
				Percent Moisture			R43941	11/15/2006
0611272-25A	SB22-06	11/14/2006 1 47 00 PM		ICP Metals		11/16/2006	20811	11/17/2006
				Mercury, Total		11/22/2006	20901	11/22/2006
				Percent Moisture			R43941	11/15/2006
0611272-27A	SB23-06	11/14/2006 1 50 00 PM		ICP Metals		11/16/2006	20811	11/17/2006
				ICP Metals		11/16/2006	20811	11/20/2006
				Mercury, Total		11/22/2006	20901	11/22/2006
				Percent Moisture			R43941	11/15/2006
0611272-29A	SB24-06	11/14/2006 1 53 00 PM		ICP Metals		11/16/2006	20811	11/17/2006
				ICP Metals		11/16/2006	20811	11/20/2006

Lab Order: 0611272
Client: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611272-29A	SB24-06	11/14/2006 1 53 00 PM	Soil	ICP Metals		11/16/2006	20811	11/20/2006
				Mercury, Total		11/22/2006	20901	11/22/2006
				Percent Moisture			R43941	11/15/2006
0611272-31A	SB25-06	11/14/2006 2 10 00 PM		ICP Metals		11/16/2006	20811	11/17/2006
				ICP Metals		11/16/2006	20811	11/20/2006
				ICP Metals		11/16/2006	20811	11/20/2006
				Mercury, Total		11/22/2006	20901	11/22/2006
				Percent Moisture			R43941	11/15/2006
0611272-33A	SB25-DS-5			ICP Metals		11/16/2006	20811	11/17/2006
				ICP Metals		11/16/2006	20811	11/20/2006
				ICP Metals		11/16/2006	20811	11/20/2006
				Mercury, Total		11/22/2006	20901	11/22/2006
				Percent Moisture			R43941	11/15/2006
0611272-35A	SB26-06	11/14/2006 2 15 00 PM		ICP Metals		11/16/2006	20811	11/17/2006
				ICP Metals		11/16/2006	20811	11/20/2006
				ICP Metals		11/16/2006	20811	11/20/2006
				Mercury, Total		11/22/2006	20901	11/22/2006
				Percent Moisture			R43941	11/15/2006
0611272-41A	SB27-06	11/14/2006 2 28 00 PM		ICP Metals		11/16/2006	20811	11/17/2006
				Mercury, Total		11/22/2006	20901	11/22/2006
				Percent Moisture			R43941	11/15/2006
0611272-43A	SB28-06	11/14/2006 2 31 00 PM		ICP Metals		11/16/2006	20811	11/17/2006
				ICP Metals		11/16/2006	20811	11/20/2006
				Mercury, Total		11/22/2006	20901	11/22/2006
				Percent Moisture			R43941	11/15/2006

e-Lab Analytical, Inc.

CLIENT: Golder Associates, Inc.
Work Order: 0611272
Project: CRI-Superfund Wiley, Texas

Date: *Dec 04 2006*

QC BATCH REPORT

Batch ID **20810** Instrument ID **ICP7500** Method **SW6020**

MBLK Sample ID **MBLKS2-111606** Units **mg/Kg** Analysis Date: **11/20/06 16:58**

Client ID Run ID **ICP7500_061120A** SeqNo: **1000517** Prep Date **11/16/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.50								
Arsenic	U	0.50								
Barium	U	0.50								
Beryllium	U	0.50								
Cadmium	U	0.50								
Chromium	U	0.50								
Copper	U	0.50								
Lead	U	0.50								
Nickel	U	0.50								
Selenium	U	0.50								
Silver	U	0.50								
Thallium	U	0.50								
Zinc	0.1584	0.50								J

LCS Sample ID: **MLCSS2-111606** Units: **mg/Kg** Analysis Date: **11/16/06 20:28**

Client ID Run ID: **ICP7500_061116A** SeqNo: **999042** Prep Date: **11/16/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	9.697	0.50	10	0	97	80-120	0			
Arsenic	9.418	0.50	10	0	94.2	80-120	0			
Barium	9.681	0.50	10	0	96.8	80-120	0			
Beryllium	8.934	0.50	10	0	89.3	80-120	0			
Cadmium	9.435	0.50	10	0	94.4	80-120	0			
Chromium	10.28	0.50	10	0	103	80-120	0			
Copper	9.746	0.50	10	0	97.5	80-120	0			
Lead	10.14	0.50	10	0	101	80-120	0			
Nickel	10.16	0.50	10	0	102	80-120	0			
Selenium	8.757	0.50	10	0	87.6	80-120	0			
Silver	9.904	0.50	10	0	99	80-120	0			
Thallium	9.305	0.50	10	0	93	80-120	0			
Zinc	9.249	0.50	10	0	92.5	80-120	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611272
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID 20810 Instrument ID ICP7500 Method: SW6020

MS Sample ID: 0611271-10AMS Units, mg/Kg Analysis Date: 11/16/06 23:02

Client ID Run ID ICP7500_061116A SeqNo 999059 Prep Date: 11/16/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	10 17	0.44	8.85	2.842	82.8	75-125	0			
Barium	208.3	0.44	8.85	76.69	1490	75-125	0			SEO
Cadmium	7 713	0 44	8 85	0 1198	85.8	75-125	0			
Chromium	21.15	0.44	8.85	12.41	98 8	75-125	0			
Copper	13 42	0.44	8 85	6.027	83.5	75-125	0			
Nickel	16.04	0 44	8 85	8.263	87.8	75-125	0			
Silver	7 426	0 44	8 85	-0.0118	84	75-125	0			
Zinc	34 51	0 44	8.85	25 42	103	75-125	0			

MS Sample ID 0611271-10AMS Units: mg/Kg Analysis Date. 11/20/06 17:04

Client ID Run ID ICP7500_061120A SeqNo: 1000518 Prep Date 11/16/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	2.173	0 44	8 85	0 002732	24.5	75-125	0			S
Beryllium	7 798	0 44	8 85	0.5413	82	75-125	0			
Lead	19 73	0 44	8.85	7 907	134	75-125	0			S
Selenium	8 269	0.44	8.85	1 092	81 1	75-125	0			
Thallium	8.85	0 44	8 85	0 09991	98 9	75-125	0			

MSD Sample ID. 0611271-10AMSD Units: mg/Kg Analysis Date: 11/16/06 23:14

Client ID Run ID ICP7500_061116A SeqNo 999060 Prep Date 11/16/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	143.1	0.44	8.85	76 69	750	75-125	208.3	37.1	25	SRO
Cadmium	7.612	0 44	8.85	0.1198	84 7	75-125	7 713	1.33	25	
Chromium	19.29	0 44	8.85	12.41	77.8	75-125	21 15	9.19	25	
Copper	12.04	0.44	8 85	6.027	68	75-125	13 42	10.8	25	S
Nickel	14.91	0 44	8.85	8.263	75 1	75-125	16.04	7.26	25	
Silver	7 304	0.44	8 85	-0 0118	82.7	75-125	7 426	1.66	25	
Zinc	30.79	0 44	8.85	25 42	60.7	75-125	34 51	11 4	25	S

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R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611272
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: 20810 Instrument ID ICP7500 Method: SW6020

MSD Sample ID 0611271-10AMSD Units: mg/Kg Analysis Date: 11/20/06 17:10
Client ID Run ID: ICP7500_061120A SeqNo: 1000619 Prep Date: 11/16/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	2 112	0 44	8.85	0.002732	23.8	75-125	2 173	2.81	25	S
Arsenic	10 12	0.44	8.85	2 665	84.3	75-125	11 42	12	25	
Beryllium	7.65	0 44	8.85	0.5413	80 3	75-125	7.798	1.92	25	
Lead	16 84	0 44	8.85	7.907	101	75-125	19.73	15 8	25	
Selenium	7.904	0 44	8 85	1.092	77	75-125	8.269	4.52	25	
Thallium	8.586	0.44	8.85	0.09991	95.9	75-125	8.85	3.03	25	

DUP Sample ID 0611271-10ADUP Units: mg/Kg Analysis Date: 11/16/06 22:56
Client ID. Run ID ICP7500_061116A SeqNo: 999058 Prep Date: 11/16/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0 44	0	0	0	0-0	0 08548	0	25	
Arsenic	7.466	0.44	0	0	0	0-0	2.842	89.7	25	R
Barium	395.5	0.44	0	0	0	0-0	76.69	135	25	RE
Cadmium	0.1106	0.44	0	0	0	0-0	0.1198	0	25	J
Chromium	13 78	0 44	0	0	0	0-0	12.41	10 5	25	
Copper	11.05	0 44	0	0	0	0-0	6.027	58.8	25	R
Nickel	14.26	0.44	0	0	0	0-0	8 263	53.2	25	R
Selenium	1 127	0 44	0	0	0	0-0	1.127	0 0785	25	
Silver	U	0.44	0	0	0	0-0	-0.0118	0	25	
Zinc	29.66	0 44	0	0	0	0-0	25 42	15 4	25	

DUP Sample ID 0611271-10ADUP Units: mg/Kg Analysis Date: 11/17/06 23:55
Client ID Run ID: ICP7500_061117A SeqNo: 999916 Prep Date: 11/16/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Beryllium	0 795	0 44	0	0	0	0-0	0.5413	38	25	R
Lead	26 92	0 44	0	0	0	0-0	7.907	109	25	R
Thallium	0 118	0 44	0	0	0	0-0	0 09991	0	25	J

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R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611272
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20810** Instrument ID **ICP7500** Method: **SW6020**

PDS Sample ID **0611271-10ABS** Units: **mg/Kg** Analysis Date: **11/16/06 23:20**
Client ID Run ID: **ICP7500_061116A** SeqNo: **999081** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	8.172	0.44	8.85	0.08548	91.4	75-125		0		
Arsenic	10.61	0.44	8.85	2.842	87.8	75-125		0		
Barium	84.5	0.44	8.85	76.69	88.2	75-125		0		O
Cadmium	7.994	0.44	8.85	0.1198	89	75-125		0		
Chromium	20.3	0.44	8.85	12.41	89.2	75-125		0		
Copper	13.29	0.44	8.85	6.027	82.1	75-125		0		
Nickel	16.18	0.44	8.85	8.263	89.4	75-125		0		
Selenium	8.885	0.44	8.85	1.127	87.7	75-125		0		
Silver	7.711	0.44	8.85	-0.0118	87.3	75-125		0		
Zinc	32.19	0.44	8.85	25.42	76.5	75-125		0		

PDS Sample ID **0611271-10ABS** Units: **mg/Kg** Analysis Date: **11/18/06 0:31**
Client ID Run ID: **ICP7500_061117A** SeqNo: **999921** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Beryllium	7.97	0.44	8.85	0.5413	83.9	75-125		0		
Thallium	8.135	0.44	8.85	0.09991	90.8	75-125		0		

PDS Sample ID **0611271-10ABS** Units: **mg/Kg** Analysis Date: **11/20/06 17:16**
Client ID Run ID: **ICP7500_061120A** SeqNo: **1000520** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	17.07	0.44	8.85	7.907	104	75-125		0		

SD Sample ID **0611271-10A DIL** Units: **mg/Kg** Analysis Date: **11/16/06 23:26**
Client ID Run ID: **ICP7500_061116A** SeqNo: **999062** Prep Date: DF: **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	2.2	0	0	0	0-0	0.08548	0	10	
Arsenic	2.892	2.2	0	0	0	0-0	2.842	1.76	10	
Barium	76.33	2.2	0	0	0	0-0	76.69	0.473	10	
Cadmium	0.1622	2.2	0	0	0	0-0	0.1198	0	10	J
Chromium	11.79	2.2	0	0	0	0-0	12.41	4.99	10	
Copper	6.097	2.2	0	0	0	0-0	6.027	1.16	10	
Nickel	8.319	2.2	0	0	0	0-0	8.263	0.675	10	
Selenium	1.096	2.2	0	0	0	0-0	1.127	0	10	J
Silver	U	2.2	0	0	0	0-0	-0.0118	0	10	
Zinc	27.69	2.2	0	0	0	0-0	25.42	8.95	10	

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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611272
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20810** Instrument ID **ICP7500** Method **SW6020**

SD Sample ID: **0611271-10A DIL** Units **mg/Kg** Analysis Date: **11/18/06 0:37**
Client ID Run ID **ICP7500_061117A** SeqNo: **999922** Prep Date: DF: **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Beryllium	0 6119	2.2	0	0	0	0-0	0.5413	0	10	J
Thallium	0.4819	2.2	0	0	0	0-0	0.09991	0	10	J

SD Sample ID. **0611271-10A DIL** Units: **mg/Kg** Analysis Date **11/20/06 17:22**
Client ID. Run ID: **ICP7500_061120A** SeqNo: **1000521** Prep Date. DF **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	7 832	2.2	0	0	0	0-0	7 907	0 951	10	

The following samples were analyzed in this batch:

0611272-01A	0611272-03A	0611272-05A
0611272-07A	0611272-09A	0611272-11A
0611272-13A		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611272
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID. **20811** Instrument ID **ICP7500** Method: **SW6020**

MBLK Sample ID. **MBLKS3-111606** Units **mg/Kg** Analysis Date: **11/20/06 13:16**

Client ID: Run ID **ICP7500_061120A** SeqNo: **1000389** Prep Date **11/16/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.50								
Arsenic	U	0.50								
Barium	U	0.50								
Beryllium	U	0.50								
Cadmium	U	0.50								
Chromium	U	0.50								
Copper	U	0.50								
Lead	U	0.50								
Nickel	U	0.50								
Selenium	U	0.50								
Silver	U	0.50								
Thallium	U	0.50								
Zinc	U	0.50								

LCS Sample ID: **MLCSS3-111606** Units **mg/Kg** Analysis Date: **11/17/06 17:26**

Client ID Run ID: **ICP7500_061117A** SeqNo **999858** Prep Date. **11/16/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	10.67	0.50	10	0	107	80-120	0			
Arsenic	9.515	0.50	10	0	95.2	80-120	0			
Barium	10.19	0.50	10	0	102	80-120	0			
Beryllium	9.193	0.50	10	0	91.9	80-120	0			
Cadmium	9.791	0.50	10	0	97.9	80-120	0			
Chromium	10.51	0.50	10	0	105	80-120	0			
Copper	9.981	0.50	10	0	99.8	80-120	0			
Lead	10.23	0.50	10	0	102	80-120	0			
Nickel	10.38	0.50	10	0	104	80-120	0			
Selenium	8.906	0.50	10	0	89.1	80-120	0			
Silver	9.891	0.50	10	0	98.9	80-120	0			
Thallium	9.282	0.50	10	0	92.8	80-120	0			
Zinc	9.723	0.50	10	0	97.2	80-120	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611272
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: **20811** Instrument ID **ICP7500** Method: **SW6020**

MS Sample ID **0611272-35AMS** Units: **mg/Kg** Analysis Date: **11/20/06 14:15**

Client ID **SB26-06** Run ID **ICP7500_061120A** SeqNo. **1000397** Prep Date: **11/16/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	3.026	0.44	8.696	4.729	-19.6	75-125	0			S
Arsenic	12.12	0.44	8.696	4.951	82.5	75-125	0			
Barium	131.1	0.44	8.696	184.7	-616	75-125	0			SEO
Beryllium	7.787	0.44	8.696	0.7864	80.5	75-125	0			
Cadmium	8.29	0.44	8.696	0.3275	91.8	75-125	0			
Chromium	25.99	0.44	8.696	13.46	144	75-125	0			S
Copper	44.23	0.44	8.696	45.39	-13.4	75-125	0			SEO
Lead	66.31	0.44	8.696	49.2	197	75-125	0			SEO
Nickel	17.56	0.44	8.696	10.93	76.2	75-125	0			
Selenium	7.983	0.44	8.696	3.423	52.4	75-125	0			S
Silver	7.059	0.44	8.696	0.1384	79.6	75-125	0			
Thallium	8.166	0.44	8.696	0.4209	89.1	75-125	0			
Zinc	288.3	0.44	8.696	237.7	581	75-125	0			SEO

MSD Sample ID: **0611272-35AMSD** Units: **mg/Kg** Analysis Date: **11/20/06 14:21**

Client ID **SB26-06** Run ID **ICP7500_061120A** SeqNo **1000398** Prep Date **11/16/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	3.243	0.44	8.696	4.729	-17.1	75-125	3.026	6.93	25	S
Arsenic	12.34	0.44	8.696	4.951	85	75-125	12.12	1.78	25	
Barium	134.7	0.44	8.696	184.7	-575	75-125	131.1	2.68	25	SEO
Beryllium	7.872	0.44	8.696	0.7864	81.5	75-125	7.787	1.09	25	
Cadmium	8.271	0.44	8.696	0.3275	91.4	75-125	8.29	0.221	25	
Chromium	26.77	0.44	8.696	13.46	153	75-125	25.99	2.97	25	S
Copper	48.49	0.44	8.696	45.39	35.6	75-125	44.23	9.19	25	SEO
Lead	66.72	0.44	8.696	49.2	202	75-125	66.31	0.614	25	SEO
Nickel	17.75	0.44	8.696	10.93	78.4	75-125	17.56	1.08	25	
Selenium	8.039	0.44	8.696	3.423	53.1	75-125	7.983	0.695	25	S
Silver	6.985	0.44	8.696	0.1384	78.7	75-125	7.059	1.05	25	
Thallium	8.73	0.44	8.696	0.4209	95.6	75-125	8.166	6.68	25	
Zinc	203	0.44	8.696	237.7	-400	75-125	288.3	34.7	25	SREO

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611272
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: 20811 Instrument ID ICP7500 Method: SW6020

DUP Sample ID: 0611272-35ADUP Units: mg/Kg Analysis Date: 11/20/06 14:09
Client ID: SB26-06 Run ID: ICP7500_061120A SeqNo: 1000396 Prep Date: 11/16/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.2024	0.44	0	0	0	0-0	4.729	0	25	J
Arsenic	5.231	0.44	0	0	0	0-0	4.951	5.5	25	
Beryllium	0.5638	0.44	0	0	0	0-0	0.7864	33	25	R
Cadmium	0.5461	0.44	0	0	0	0-0	0.3275	50	25	R
Chromium	15.95	0.44	0	0	0	0-0	13.46	16.9	25	
Copper	40.94	0.44	0	0	0	0-0	45.39	10.3	25	
Lead	59.23	0.44	0	0	0	0-0	49.2	18.5	25	
Nickel	10.87	0.44	0	0	0	0-0	10.93	0.543	25	
Selenium	1.135	0.44	0	0	0	0-0	3.423	100	25	R
Silver	0.05285	0.44	0	0	0	0-0	0.1384	0	25	J
Thallium	0.09504	0.44	0	0	0	0-0	0.4209	0	25	J

DUP Sample ID: 0611272-35ADUP Units: mg/Kg Analysis Date: 11/20/06 15:33
Client ID: SB26-06 Run ID: ICP7500_061120A SeqNo: 1000408 Prep Date: 11/16/2006 DF: 20

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	132.2	8.7	0	0	0	0-0	184.7	33.2	25	R
Zinc	145.8	8.7	0	0	0	0-0	237.7	47.9	25	R

PDS Sample ID: 0611272-35ABS Units: mg/Kg Analysis Date: 11/17/06 20:45
Client ID: SB26-06 Run ID: ICP7500_061117A SeqNo: 999885 Prep Date: DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	8.73	0.44	8.696	0.1982	98.1	75-125	0			
Arsenic	13.18	0.44	8.696	5.65	86.6	75-125	0			
Beryllium	7.937	0.44	8.696	0.6672	83.6	75-125	0			
Cadmium	8.034	0.44	8.696	0.2641	89.4	75-125	0			
Chromium	25.41	0.44	8.696	17.83	87.2	75-125	0			
Copper	52.11	0.44	8.696	45.23	79.2	75-125	0			O
Lead	57.66	0.44	8.696	53.72	45.2	75-125	0			SO
Nickel	19.37	0.44	8.696	11.56	89.9	75-125	0			
Selenium	8.183	0.44	8.696	0.907	83.7	75-125	0			
Silver	7.804	0.44	8.696	0.07187	88.9	75-125	0			
Thallium	7.329	0.44	8.696	0.1052	83.1	75-125	0			

ND - Not Detected at the Reporting Limit
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611272
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20811** Instrument ID **ICP7500** Method: **SW6020**

PDS Sample ID **0611272-35ABS** Units: **mg/Kg** Analysis Date: **11/20/06 15:39**
Client ID **SB26-06** Run ID **ICP7500_061120A** SeqNo: **1000409** Prep Date: DF: **20**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	339.7	8.7	173.9	184.7	89.1	75-125		0		
Zinc	397.9	8.7	173.9	237.7	92.1	75-125		0		

SD Sample ID: **0611272-35A DIL** Units: **mg/Kg** Analysis Date: **11/17/06 20:51**
Client ID **SB26-06** Run ID: **ICP7500_061117A** SeqNo: **999886** Prep Date: DF: **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	2.2	0	0	0	0-0	0.1982	0	10	
Arsenic	5.783	2.2	0	0	0	0-0	5.65	2.35	10	
Beryllium	0.783	2.2	0	0	0	0-0	0.6672	0	10	J
Cadmium	0.2903	2.2	0	0	0	0-0	0.2641	0	10	J
Chromium	18.53	2.2	0	0	0	0-0	17.83	3.95	10	
Copper	52.17	2.2	0	0	0	0-0	45.23	15.4	10	R
Lead	55.83	2.2	0	0	0	0-0	53.72	3.92	10	
Nickel	12.59	2.2	0	0	0	0-0	11.58	8.92	10	
Selenium	1.095	2.2	0	0	0	0-0	0.907	0	10	J
Silver	U	2.2	0	0	0	0-0	0.07187	0	10	
Thallium	0.4323	2.2	0	0	0	0-0	0.1052	0	10	J

SD Sample ID **0611272-35A DIL** Units: **mg/Kg** Analysis Date: **11/20/06 15:45**
Client ID **SB26-06** Run ID **ICP7500_061120A** SeqNo: **1000410** Prep Date: DF: **100**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	183.6	44	0	0	0	0-0	184.7	0.612	10	
Zinc	249.2	44	0	0	0	0-0	237.7	4.83	10	

The following samples were analyzed in this batch:

0611272-15A	0611272-17A	0611272-19A
0611272-21A	0611272-23A	0611272-25A
0611272-27A	0611272-29A	0611272-31A
0611272-33A	0611272-35A	0611272-41A
0611272-43A		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611272
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID 20901 Instrument ID Mercury Method: SW7471A

MBLK Sample ID GBLKS2-112206 Units: µg/Kg Analysis Date: 11/22/06 16:38
Client ID Run ID: MERCURY_061122B SeqNo: 1002243 Prep Date: 11/22/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	13								

LCS Sample ID GLCSS2-112206 Units: µg/Kg Analysis Date: 11/22/06 16:40
Client ID Run ID: MERCURY_061122B SeqNo: 1002244 Prep Date: 11/22/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	320	13	333 3	0	96	85-115	0			

LCSD Sample ID GLCSDS2-112206 Units: µg/Kg Analysis Date: 11/22/06 16:42
Client ID Run ID: MERCURY_061122B SeqNo: 1002245 Prep Date: 11/22/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	324 7	13	333.3	0	97 4	85-115	320	1.45	20	

MS Sample ID 0611272-35AMS Units: µg/Kg Analysis Date: 11/22/06 16:48
Client ID SB26-06 Run ID: MERCURY_061122B SeqNo: 1002248 Prep Date: 11/22/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	380 6	13	323.1	94.99	88.4	85-115	0			

MSD Sample ID 0611272-35AMSD Units: µg/Kg Analysis Date: 11/22/06 16:54
Client ID SB26-06 Run ID: MERCURY_061122B SeqNo: 1002249 Prep Date: 11/22/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	384.3	13	327.3	94.99	88.4	85-115	380.6	0 961	20	

DUP Sample ID 0611272-35ADUP Units: µg/Kg Analysis Date: 11/22/06 16:46
Client ID SB26-06 Run ID: MERCURY_061122B SeqNo: 1002247 Prep Date: 11/22/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	101.6	13	0	0	0		94 99	6.75	20	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT:	Golder Associates, Inc.
Work Order:	0611272
Project:	CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20901** Instrument ID **Mercury** Method: **SW7471A**

The following samples were analyzed in this batch:

0611272-01A	0611272-03A	0611272-05A
0611272-07A	0611272-09A	0611272-11A
0611272-13A	0611272-15A	0611272-17A
0611272-19A	0611272-21A	0611272-23A
0611272-25A	0611272-27A	0611272-29A
0611272-31A	0611272-33A	0611272-35A
0611272-41A	0611272-43A	

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611272
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R43940** Instrument ID **Balance1** Method: **E160.3**

DUP Sample ID: **0611271-10ADUP** Units: **wt%** Analysis Date **11/15/06 0:00**
Client ID. Run ID. **BALANCE1_061116E** SeqNo **998052** Prep Date: DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	20 02	0.010	0	0	0	0-0	20 24	1 07	20	

DUP Sample ID: **0611272-21ADUP** Units **wt%** Analysis Date: **11/15/06 0:00**
Client ID: **SB20-06** Run ID: **BALANCE1_061116E** SeqNo **998069** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	18 22	0 010	0	0	0	0-0	18.76	2.91	20	

The following samples were analyzed in this batch:

0611272-01A	0611272-03A	0611272-05A
0611272-07A	0611272-09A	0611272-11A
0611272-13A	0611272-15A	0611272-17A
0611272-19A	0611272-21A	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611272
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R43941** Instrument ID **Balance1** Method **E160.3**

DUP Sample ID: **0611272-23ADUP** Units **wt%** Analysis Date. **11/15/06 0:00**
Client ID **SB21-06** Run ID **BALANCE1_061116F** SeqNo **998071** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	20.57	0.010	0	0	0	0-0	20.37	1 01	20	

DUP Sample ID **0611272-35ADUP** Units **wt%** Analysis Date: **11/15/06 0:00**
Client ID **SB26-06** Run ID **BALANCE1_061116F** SeqNo **998078** Prep Date: DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	17 14	0 010	0	0	0	0-0	16 94	1.22	20	

The following samples were analyzed in this batch:

0611272-23A	0611272-25A	0611272-27A
0611272-29A	0611272-31A	0611272-33A
0611272-35A	0611272-41A	0611272-43A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

MDLs & MQLs

Golder Associates, Inc.
CRI - Superfund
Work Order 0611272

e-Lab Analytical, Inc. **Date:** Dec 04, 2006

Test Code: HG_S
Test Number: SW7471A
Test Name: Mercury, Total
Matrix: Solid **Units:** µg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Mercury	7439-97-6	1.4	13.3

Test Code: ICP_S_Low
Test Number: SW6020
Test Name: ICP Metals
Matrix: Solid **Units:** mg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Antimony	7440-36-0	0.14	0.5
A	Arsenic	7440-38-2	0.13	0.5
A	Barium	7440-39-3	0.07	0.5
A	Beryllium	7440-41-7	0.03	0.5
A	Cadmium	7440-43-9	0.03	0.5
A	Chromium	7440-47-3	0.07	0.5
A	Copper	7440-50-8	0.04	0.5
A	Lead	7439-92-1	0.09	0.5
A	Nickel	7440-02-0	0.08	0.5
A	Selenium	7782-49-2	0.19	0.5
A	Silver	7440-22-4	0.02	0.5
A	Thallium	7440-28-0	0.05	0.5
A	Zinc	7440-66-6	0.1	0.5

e-Lab Analytical, Inc. **Date:** Dec 04, 2006

Test Code: MOISTURE
Test Number: E160.3
Test Name: Percent Moisture
Matrix: Soil **Units:** wt%

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Percent Moisture	MOIST	0.01	0.01

Golder Associates, Inc.

CRI Superfund

Work Order 0611287

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- Metals Raw Data
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- Moisture Raw Data

e-Lab Analytical, Inc. **Date:** *December 01, 2006*

CLIENT:	Golder Associates, Inc	**TRRP Laboratory Data Package Cover Page**
Project:	CRI-Superfund Wiley, Texas	
Work Order:	0611287	

This data package consists of all or some of the following as applicable:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation:

R2 Sample identification cross-reference

R3 Test reports (analytical data sheets) for each environmental sample that includes:
- a) Items consistent with NELAC 5.13 or ISO/IEC 17025 Section 5.10
- b) dilution factors,
- c) preparation methods,
- d) cleanup methods, and
- e) if required for the project, tentatively identified compounds (TICs).

R4 Surrogate recovery data including:
- a) Calculated recovery (%R), and
- b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms for laboratory control samples (LCSs) including:
- a) LCS spiking amounts,
- b) Calculated %R for each analyte, and
- c)The laboratory's LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
- a) Samples associated with the MS/MSD clearly identified,
- b) MS/MSD spiking amounts,
- c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
- d) Calculated %Rs and relative percent differences (RPDs), and
- e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) recovery and precision:
- a) the amount of analyte measured in the duplicate,
- b) the calculated RPD, and
- c) the laboratory's QC limits for analytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;?

R10 Other problems or anomalies

The Exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release Statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exception reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratory in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data

Check, if applicable. [NA] This laboratory is an in-house laboratory controlled by the person responding to rule The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true

Patricia L. Lynch

Patricia L. Lynch

Project Manager

Laboratory Review Checklist: Reportable Data

Laboratory Name: e-Lab Analytical, Inc	LRC Date. 12/06/2006
Project Name CRI Superfund Wiley	Laboratory Job Number: 0611287
Reviewer Name: Patricia L. Lynch	Prep Batch Number(s): 20811, 20890, 20896, 20897, 20940, R43941, R43969, R44066 and R44085

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	CHAIN-OF-CUSTODY (C-O-C)					
		1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		2) Were all departures from standard conditions described in an exception report?	X				
R2	OI	SAMPLE AND QUALITY CONTROL (QC) IDENTIFICATION					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	TEST REPORTS					
		1) Were all samples prepared and analyzed within holding times?	X				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample quantitation limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	X				
		7) Was % moisture (or solids) reported for all soil and sediment samples?	X				
		8) If required for the project, TICs reported?			X		
R4	O	SURROGATE RECOVERY DATA					
		1) Were surrogates added prior to extraction?	X				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	TEST REPORTS/SUMMMARY FORMS FOR BLANK SAMPLES					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?	X				
R6	OI	LABORATORY CONTROL SAMPLES (LCS):					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	X				
		6) Was the LCSD RPD within QC limits?	X				
R7	OI	MATRIX SPIKE (MS) AND MATRIX SPIKE DUPLICATE (MSD) DATA					
		1) Were the project/method specified analytes included in the MS and MSD?	X				
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			1
		4) Were MS/MSD RPDs within laboratory QC limits?		X			2
R8	OI	ANALYTICAL DUPLICATE DATA					
		1) Were appropriate analytical duplicates analyzed for each matrix?	X				
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?		X			3
R9	OI	METHOD QUANTITATION LIMITS (MQLS):					
		1) Are the MQLs for each method analyte listed and included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs included in the laboratory data package?	X				
R10	OI	OTHER PROBLEMS/ANOMALIES					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		2) Were all necessary corrective actions performed for the reported data?	X				
		3) If requested, is the justification for elevated SQLs documented?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted in o the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period

2 O = organic analyses, I = inorganic analyses (and general chemistry, when applicable).

3 NA = Not applicable,

4 NR = Not Reviewed,

5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Supporting Data								
Laboratory Name e-lab Analytical, Inc			LRC Date: 12/06/2006					
Project Name CRI Superfund Wiley			Laboratory Job Number: 0611287					
Reviewer Name: Patricia L. Lynch			Prep Batch Number(s): 20811, 20890, 20896, 20897, 20940, R43941, R43969, R44066 and R44085					
#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]	
S1	OI	**INITIAL CALIBRATION (ICAL)**						
		1) Were response factors (RFs) and/or relative response factors (RRFs) for each analyte within the QC limits?	X					
		2) Were percent RSDs or correlation coefficient criteria met?	X					
		3) Was the number of standards recommended in the method used for all analytes?	X					
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X					
		5) Are ICAL data available for all instruments used?	X					
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X					
S2	OI	**INITIAL AND CONTINUING CALIBRATION VERIFICATION (ICCV AND CCV) AND**						
		1) Was the CCV analyzed at the method-required frequency?	X					
		2) Were percent differences for each analyte within the method-required QC limits?	X					
		3) Was the ICAL curve verified for each analyte?	X					
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X			
S3	O	**MASS SPECTRAL TUNING:**						
		1) Was the appropriate compound for the method used for tuning?	X					
		2) Were ion abundance data within the method-required QC limits?	X					
S4	O	**INTERNAL STANDARDS (IS):**						
		Were IS area counts and retention times within the method-required QC limits?	X					
S5	OI	**RAW DATA (NELAC SECTION 1 APPENDIX A GLOSSARY, AND SECTION 5.12 OR**						
		1) Were the raw data (e.g., chromatograms, spectral data) reviewed by an analyst?	X					
		2) Were data associated with manual integrations flagged on the raw data?	X					
S6	O	**DUAL COLUMN CONFIRMATION**						
		Did dual column confirmation results meet the method-required QC?			X			
S7	O	**TENTATIVELY IDENTIFIED COMPOUNDS (TICS):**						
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X			
S8	I	**INTERFERENCE CHECK SAMPLE (ICS) RESULTS:**						
		Were percent recoveries within method QC limits?	X					
S9	I	**SERIAL DILUTIONS, POST DIGESTION SPIKES, AND METHOD OF STANDARD**						
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?		X			4	
S10	OI	**PROFICIENCY TEST REPORTS:**						
		Are proficiency testing or inter-laboratory comparison results on file?	X					
S11	OI	**METHOD DETECTION LIMIT (MDL) STUDIES**						
		1) Was a MDL study performed for each reported analyte?	X					
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X					
S12	OI	**STANDARDS DOCUMENTATION**						
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X					
S13	OI	**COMPOUND/ANALYTE IDENTIFICATION PROCEDURES**						
		Are the procedures for compound/analyte identification documented?	X					
S14	OI	**DEMONSTRATION OF ANALYST COMPETENCY (DOC)**						
		1) Was DOC conducted consistent with NELAC 5C or ISO/IEC 4.2.2?	X					
		2) Is documentation of the analyst's competency up-to-date and on file?	X					
S15	OI	**VERIFICATION/VALIDATION DOCUMENTATION FOR METHODS**						
		Are all the methods used to generate the data documented, verified, and validated, where applicable, (NELAC 5.10.2 or ISO/IEC 17025 Section 5.4.5)?	X					
S16	OI	**LABORATORY STANDARD OPERATING PROCEDURES (SOPS):**						
		Are laboratory SOPs current and on file for each method performed?	X					

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period

2 O = organic analyses, I = inorganic analyses (and general chemistry, when applicable)

3 NA = Not applicable

4 NR = Not Reviewed

5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked)

Laboratory Review Checklist: Exception Report		
Laboratory Name: e-Lab Analytical, Inc.		LRC Date: 12/06/2006
Project Name: CRI Superfund Wiley		Laboratory Job Number: 0611287
Reviewer Name: Patricia L. Lynch		Prep Batch Number(s). 20811, 20890, 20896, 20897, 20940, R43941, R43969, R44066 and R44085
ER #[1]	DESCRIPTION	
1	Batch 20811 Metals MS/MSD recoveries for numerous target elements are outside the control limits in sample SB26-06 from e-Lab work order 0611272 due to matrix interference. Some of the data are also flagged with E and O due to the concentrations in the background sample.	
	Batch 20896 Metals MS/MSD recoveries for numerous target elements are outside the control limits in sample SB85-18 DS-18 from e-Lab work order 0611317 due to matrix interference. The data for Barium is flagged with O due to the concentration in the background sample.	
	Batch 20897 Metals MS/MSD recoveries for many of the target elements are outside the control limits in sample SB41-06 due to matrix interference. Some of the data is flagged with O due to the concentrations in the background sample	
	Batch R44066 Volatiles MS/MSD is an unrelated sample.	
2	Batch 20811 Metals MS/MSD RPD for Zinc is above the control limits in sample SB26-06 from e-Lab work order 0611272 due to matrix interference. Some of the data are also flagged with E and O due to the concentrations in the background sample.	
	Batch 20897 Metals MS/MSD RPD's for several of the target elements are above the control limits in sample SB41-06 due to matrix interference. Some of the data is flagged with O due to the concentrations in the background sample.	
3	Batch 20811 Metals Duplicate RPD's for numerous target elements are above the control limits in sample SB26-06 form e-Lab work order 0611272 due to matrix interference.	
	Batch 20896 Metals Duplicate RPD's for Barium and Selenium are above the control limits in sample SB85-18 DS-18 from e-Lab work order 0611317 due to matrix interference.	
	Batch 20897 Metals Duplicate RPD's for several of the target elements are above the control limits in sample SB41-06 due to matrix interference	

Laboratory Review Checklist: Exception Report		
Laboratory Name. e-Lab Analytical, Inc		LRC Date. 12/06/2006
Project Name: CRI Superfund Wiley		Laboratory Job Number: 0611287
Reviewer Name. Patricia L. Lynch		Prep Batch Number(s): 20811, 20890, 20896, 20897, 20940, R43941, R43969, R44066 and R44085
ER #[1]	DESCRIPTION	
4	Batch 20811 Metals Post-Digestion Spike recovery for Lead is below the control limits in sample SB26-06 from e-Lab work order 0611272 due to matrix interference. The data is also flagged with O due to the concentration in the background sample.	
	Batch 20896 Metals Post-Digestion Spike recoveries for Barium and Zinc are below the control limits in sample SB85-18 DS-18 from e-Lab work order 0611317 due to matrix interference. The data for Barium is also flagged with O due to the concentration in the background sample.	
	Batch 20897 Metals Post-Digestion Spike recoveries for several of the target elements are below the control limits in sample SB41-06 due to matrix interference. The data for Chromium and Zinc are also flagged with O due to the concentration in the background sample.	
	Batch 20811 Metals Serial Dilution %D for Copper is above the control limits in sample SB26-06 from e-Lab work order 0611272 due to matrix interference.	
	Batch 20896 Metals Serial Dilution %D's for Arsenic, Copper and Zinc are below the control limits in sample SB85-18 DS-18 from e-Lab work order 0611317 due to matrix interference.	
	Batch 20897 Metals Serial Dilution %D's for Arsenic and Zinc are marginally above the control limits in sample SB41-06 due to matrix interference.	

1 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

e-Lab Analytical, Inc. **Date:** *December 01, 2006*

CLIENT: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas
Work Order: **0611287**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
0611287-01	SB29-06	Soil		11/14/2006 14:41	11/15/2006 10:00	☐
0611287-02	SB29-12 (Archive)	Soil		11/14/2006 14:42	11/15/2006 10:00	☐
0611287-03	SB30-06	Soil		11/14/2006 14:45	11/15/2006 10:00	☐
0611287-04	SB30-12 (Archive)	Soil		11/14/2006 14:46	11/15/2006 10:00	☐
0611287-05	SB31-06	Soil		11/14/2006 14:59	11/15/2006 10:00	☐
0611287-06	SB31-12 (Archive)	Soil		11/14/2006 15:00	11/15/2006 10:00	☐
0611287-07	SB32-06	Soil		11/14/2006 15:03	11/15/2006 10:00	☐
0611287-08	SB32-12 (Archive)	Soil		11/14/2006 15:04	11/15/2006 10:00	☐
0611287-09	SB33-06	Soil		11/14/2006 15:23	11/15/2006 10:00	☐
0611287-10	SB33-12 (Archive)	Soil		11/14/2006 15:24	11/15/2006 10:00	☐
0611287-11	SB34-06	Soil		11/14/2006 15:26	11/15/2006 10:00	☐
0611287-12	SB34-12 (Archive)	Soil		11/14/2006 15:27	11/15/2006 10:00	☐
0611287-13	SB35-06	Soil		11/14/2006 15:36	11/15/2006 10:00	☐
0611287-14	SB35-12 (Archive)	Soil		11/14/2006 15:37	11/15/2006 10:00	☐
0611287-15	SB36-06	Soil		11/14/2006 15:38	11/15/2006 10:00	☐
0611287-16	SB36-12 (Archive)	Soil		11/14/2006 15:39	11/15/2006 10:00	☐
0611287-17	SB37-06	Soil		11/14/2006 15:40	11/15/2006 10:00	☐
0611287-18	SB37-12 (Archive)	Soil		11/14/2006 15:41	11/15/2006 10:00	☐
0611287-19	SB38-06	Soil		11/14/2006 15:44	11/15/2006 10:00	☐
0611287-20	SB38-12 (Archive)	Soil		11/14/2006 15:45	11/15/2006 10:00	☐
0611287-21	SB38-06 DS-7	Soil		11/14/2006 15:44	11/15/2006 10:00	☐
0611287-22	SB38-12 DS-8 (Archive)	Soil		11/14/2006 15.45	11/15/2006 10:00	☐
0611287-23	SB39-06	Soil		11/14/2006 15:47	11/15/2006 10:00	☐
0611287-24	SB39-12 (Archive)	Soil		11/14/2006 15:48	11/15/2006 10:00	☐
0611287-25	SB40-06	Soil		11/14/2006 15:50	11/15/2006 10:00	☐
0611287-26	SB40-12 (Archive)	Soil		11/14/2006 15:51	11/15/2006 10:00	☐
0611287-27	SB41-06	Soil		11/14/2006 15:54	11/15/2006 10:00	☐
0611287-28	SB41-12 (Archive)	Soil		11/14/2006 15:56	11/15/2006 10:00	☐
0611287-29	RS-1	Water		11/14/2006 16:00	11/15/2006 10:00	☐
0611287-30	Trip Blank 1104	Water		11/14/2006 16:00	11/15/2006 10:00	☐
0611287-31	Trip Blank 0421	Water		11/14/2006 16:00	11/15/2006 10:00	☐
0611287-32	Trip Blank 0335	Water		11/14/2006 16:00	11/15/2006 10:00	☐
0611287-33	Trip Blank 425	Water		11/14/2006 16:00	11/15/2006 10:00	☐

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(Fax) 616 399 6185

0611787

e-Lab Project Manager: | e-Lab Work Order #: 11/12/72 RV

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pilt	Invoice Attn	Jack Pilt	D	
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	
				F	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB29-06	11/14/06	1441	S		1		✓	✓								
2	12 (ARCHIVE)		1442			1		✓	✓								✓
3	SB30-06		1445			1		✓	✓								
4	12 (ARCHIVE)		1446			1		✓	✓								✓
5	SB31-06		1459			1		✓	✓								
6	12 (ARCHIVE)		1500			1		✓	✓								✓
7	SB32-06		1503			1		✓	✓								
8	12 (ARCHIVE)		1504			1		✓	✓								✓
9	SB33-06		1523			1		✓	✓								
10	12 (ARCHIVE)		1524			1		✓	✓								✓

Sampler(s) Please Print & Sign: JULIE WILEY [signature]

Shipment Method: FED EX

Required Turnaround Time (Check Box): ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by: [signature] Date: 11/14/06 Time: 17:30

Received by:

Relinquished by: Date: 11/15/06 Time: 10:00

Received by (Laboratory): [signature]

Logged by (Laboratory): Date: Time:

Checked by (Laboratory):

Notes: 10 Day TAT.

e-Lab Analytical Cooler ID: 226

Cooler Temp.:

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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(Fax) 616.399.6185

(6/12/07)

e-Lab Project Manager:

e-Lab Work Order #: [illegible] NS

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	
				F	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Preservative	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB34-06	11/14/06	1526	S		1		✓	✓								
2	↓ 12 (ARCHIVE)		1527			1		✓	✓								✓
3	SB35-06		1536			1		✓	✓								
4	↓ 12 (ARCHIVE)		1537			1		✓	✓								✓
5	SB36-06		1538			1		✓	✓								
6	↓ 12 (ARCHIVE)		1539			1		✓	✓								✓
7	SB37-06		1540			1		✓	✓								
8	↓ 12 (ARCHIVE)		1541			1		✓	✓								✓
9	SB38-06		1544			1		✓	✓								
10	↓ 12 (ARCHIVE)	↓	1545	↓		1		✓	✓								✓

Sampler(s) Please Print & Sign: [illegible]

Shipment Method: FED EX

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ 3 WK Days ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by:	Date: 11/14/06	Time: 17:30	Received by:	
Relinquished by:	Date: 11/15/06	Time: 10:00	Received by (Laboratory):	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Notes: 10 Day TAT.

Lab Analyzed (Check ID)	Cooler Temp.	QC Package (Check the box below)
		☐ Level II Std QC ☑ TRRP Checklist
		☐ Level II Std QC/Raw Data ☐ TRRP Level IV
		☐ Level IV SW846/CLP
		☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.

2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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e-Lab Analytical
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(Tel) 616 399.6070
(Fax) 616.399.6185

011287

e-Lab Project Manager:

e-Lab Work Order #: [illegible]-06

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	DS - duplicate sample
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	MS = Matrix spike
				F	MD = Matrix spike duplicate
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB38-06 DS-7	11/14/06	1544	S		1		✓	✓								
2	SB38-12 DS-8 (ARCHIVE)		1545			1		✓	✓								✓
3	SB39-06		1547			1		✓	✓								
4	↓ 12 (ARCHIVE)		1548			1		✓	✓								✓
5	SB40-06		1556			1		✓	✓								
6	↓ 12 (ARCHIVE)		1557			1		✓	✓								✓
7	SB41-06		1554			1		✓	✓								
8	↓ 12 (ARCHIVE)		1556			1		✓	✓								✓
9	SB41-06 MS-55		1554			1		✓	✓								
10	↓ MD-5555		1554			1		✓	✓								✓

Sampler(s) Please Print & Sign: [illegible]

Shipment Method: FED EX

Required Turnaround Time: (Check Box) ☑ Std. 10 Wk Days ☐ 5 Wk Days ☐ 3 Wk Days ☐ 2 Wk Days ☐ 24 Hour ☐ Other

Results Due Date:

Relinquished by:	Date: 11/14/06	Time: 17:30	Received by:	Notes: 10 Day TAT
Relinquished by:	Date: 11/15/06	Time: 10:00	Received by (Laboratory):	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

e-Lab Analytical Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)
735		☐ Level II Std QC ☑ TRRP Checklist
		☐ Level II Std QC/Raw Data ☐ TRRP Level IV
		☐ Level IV SW846/CLP
		☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.

2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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Houston, Texas 77099
(Tel) 281 530 5656
(Fax) 281 530 5887

Page 4 of 4

Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616 399 6185

061287

e-Lab Project Manager: | e-Lab Work Order #: [illegible]

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pilt	Invoice Attn	Jack Pilt	D	MS= matrix spike
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	MD= matrix spike duplicate
				F	RS= rinsate sample
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB41-12 MS-S6	11/14/06	1556	S		1		✓	✓								✓
2	↓ MD-S6	↓	1556	↓		1		✓	✓								✓
3	RS1	↓	1600	W	HCL	4	✓	✓									
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: Julie Wiley [signature]

Shipment Method: FED EX

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by:	Date:	Time:	Received by:
[signature]	11/14/06	17:30	
Relinquished by:	Date: 11/15/06	Time: 18:00	Received by (Laboratory):
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):

Notes: 10 Day TAT.

e-Lab Analytical Cooler ID: [illegible] | Cooler Temp:

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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e-Lab Analytical, Inc.

Sample Receipt Checklist

Client Name GOLDER-HOU

Date/Time Received 11/15/2006 10:00:00 AM

Work Order Number 0611287

Received by EBF

Checklist completed by _____ 11/16/06 (Signature, Date)

Reviewed by _____ 11/17/06 (Initials, Date)

Matrix Soil/Water

Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s)	4.8,5.1,3.7,3.3,4.7c 0(2		
Water VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐

Adjusted? Checked by RW

Login Notes Received four sets of trip blanks, logged in without analysis

Client contacted Date contacted. Person contacted

Contacted by Regarding

Comments

Corrective Action

0421

Work Order AG
0611287

e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston Texas 77099
Tel. 281.530.5656
Fax. 281.530.5887

Date:
Name:
Company:

CUSTODY SEAL
Time: 13:30
Seal Broken
Date: 11/15/06

11/14/06 FedEx Tracking Number 12 8586 6987 5051

Jack Blitt Phone 281 821-6868

Company Golder Associates

Address 500 Century Plaza Dr. STE 190

Houston State TX ZIP 77073

Your Internal Billing Reference 063-4900

0335

e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston Texas 77099
Tel. 281.530.5656
Fax. 281.530.5887

Date: 11/15
Name:
Company:

CUSTODY SEAL
Time: 13:30
Seal Broken
Date: 11/15/06

FedEx Express US Airbill FedEx Tracking Number 8586 6987 5051

11/14/06 Sender's FedEx Account Number 1294-4093-7

Jack Blitt Phone 281, 821-6868

Golder Associates

500 Century Plaza Dr. STE 190

Houston State TX ZIP 77073

Your Internal Billing Reference 063-4900

To Pat Lynch Phone (281) 530-5656

Company E LAB ANALYTICAL

Address 10450 STANCLIFF RD STE 210

Deliver to P.O. boxes or P.O. ZIP codes.

Dept/Floor/Suite/Room

To hold at a specific FedEx location, print FedEx address here.

City HOUSTON State TX ZIP 77099

0345281078

Sender's Copy

4a Express Package Service — Packages up to 150 lbs.
[X] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
[ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
[ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
[ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
[ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.
FedEx Envelope rate not available. Minimum charges. One pound rate.
* To most locations.

4b Express Freight Service — Packages over 150 lbs.
[ ] FedEx 1Day Freight* — Next business day.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
[ ] FedEx 2Day Freight — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
[ ] FedEx 3Day Freight — Third business day.* Saturday Delivery NOT available.
* Call for Confirmation. * To most locations.

5 Packaging
[ ] FedEx Envelope* [ ] FedEx Pak* Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak. [ ] FedEx Box [ ] FedEx Tube [X] Other
* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.
[ ] SATURDAY Delivery NOT Available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 2Day Freight
[ ] HOLD Weekday at FedEx Location NOT Available for FedEx First Overnight
[ ] HOLD Saturday at FedEx Location Available DAILY for FedEx Priority Overnight and FedEx 2Day as noted locations.
Does this shipment contain dangerous goods?
One box must be checked.
[X] No [ ] Yes As per attached Shipper's Declaration [ ] Yes Shipper's Declaration not required [ ] Dry Ice Dry Ice, 9, UN 1845 ____ x ____ kg
Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.
[ ] Cargo Aircraft Only

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below.
[X] Sender [ ] Recipient [ ] Third Party [ ] Credit Card [ ] Cash/Check
FedEx Acct. No. or Credit Card No. Exp. Date

Total Packages: 5 Total Weight: ____ Total Declared Value†: $ .00
† Your liability is limited to $100 unless you declare a higher value. See back for details. By using this AirBill you agree to the service conditions on the back of this AirBill and in the current FedEx Service Guide, including terms that limit our liability.
FedEx Use Only

8 NEW Residential Delivery Signature Options — If you require a signature, check Direct or Indirect.

W.O# 0611287

1104

E-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel 281 530.5656
Fax 218 530.5887

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CUSTODY SEAL

Date: 11/14/06 Time: 17:30
Name: [illegible]
Comp: Golder

Seal Broken By: [illegible]
Date: 11/15/06

FedEx. US Airbill Express

FedEx Tracking Number 8586 6987 5051

From Date 11/14/06 Sender's FedEx Account Number 1294-4093-7

Sender's Name Jack Pitt Phone 281, 821-6868

Company Golder Associates

Address 500 Century Plaza Dr. STE 190

City Houston State TX ZIP 77073

Your Internal Billing Reference 063-4900

To Recipient's Name Pat Lynch Phone (281) 530-5656

Company E LAB ANALYTICAL

Recipient's Address 10450 STANCLIFF RD STE 210

Address

City HOUSTON State TX ZIP 77099

0345281078

Schedule a pickup at fedex.com

Sender's Co

4a Express Package Service — Packages up to 150 lb.

- [X] FedEx Priority Overnight
- [ ] FedEx Standard Overnight
- [ ] FedEx First Overnight
- [ ] FedEx 2Day
- [ ] FedEx Express Saver

4b Express Freight Service — Packages over 150 lb.

- [ ] FedEx 1Day Freight*
- [ ] FedEx 2Day Freight
- [ ] FedEx 3Day Freight

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak*
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

6 Special Handling

- [ ] SATURDAY Delivery NOT Available for
- [ ] HOLD Weekday at FedEx Location NOT Available for
- [ ] HOLD Saturday at FedEx Location Available ONLY for

Does this shipment contain dangerous goods?

- [X] No
- [ ] Yes
- [ ] Yes
- [ ] Dry Ice
- [ ] Cargo Aircraft Only

7 Payment Bill to:

- [X] Sender
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Total Packages 5 Total Weight Total Declared Value? $ .00

8 NEW Residential Delivery Signature Options

- [ ] No Signature Required
- [ ] Direct Signature
- [ ] Indirect Signature

519

1290

W.O.# 0612 87

e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

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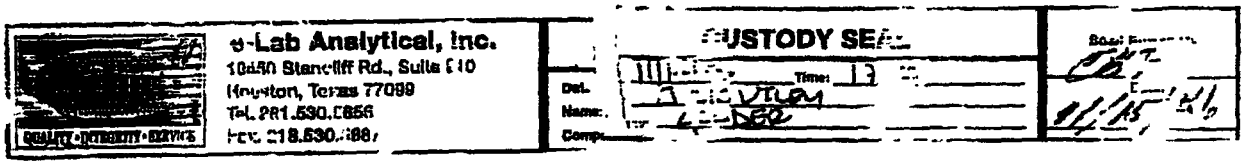
CUSTODY SEAL

Date: 11/14/06 Time: 17:30
Name: [illegible]
Company: [illegible]

Seal Broken By: CBT
Date: 11/15/06

425

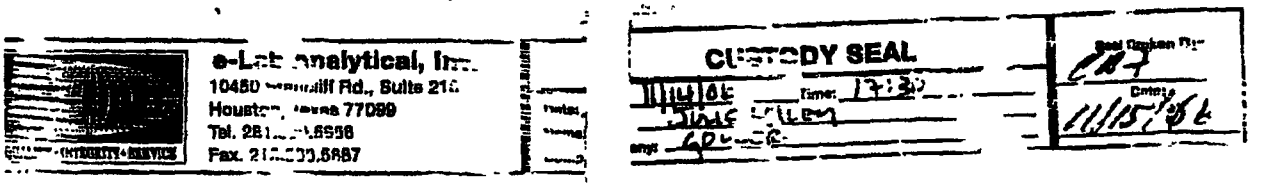
e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887



QUALITY • INTEGRITY • SERVICE

CUSTODY SEAL

Date: 11/14/06 Time: 17:30
Name: [illegible]
Company: [illegible]



Seal Broken By: CBT
Date: 11/15/06

Analytical Report

Golder Associates, Inc.
CRI - Superfund
Work Order 0611287

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB29-06
Work Order:	0611287	**Collection Date:**	11/14/2006 2:41:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611287-01	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method	SW7471A		Prep SW7471A / 11/27/06		Analyst: JCJ
Mercury	780		3.5	32.8	µg/Kg-dry	2	11/27/2006
ICP METALS		Method	SW6020		Prep SW3050A / 11/16/06		Analyst: SA
Antimony	3.48		0.15	0.537	mg/Kg-dry	1	11/17/2006
Arsenic	5.35		0.14	0.537	mg/Kg-dry	1	11/17/2006
Barium	407		7.5	53.7	mg/Kg-dry	100	11/20/2006
Beryllium	0.339	J	0.032	0.537	mg/Kg-dry	1	11/17/2006
Cadmium	3.19		0.032	0.537	mg/Kg-dry	1	11/17/2006
Chromium	389		7.5	53.7	mg/Kg-dry	100	11/20/2006
Copper	233		4.3	53.7	mg/Kg-dry	100	11/20/2006
Lead	1,570		9.7	53.7	mg/Kg-dry	100	11/20/2006
Nickel	25.9		0.086	0.537	mg/Kg-dry	1	11/17/2006
Selenium	0.846		0.20	0.537	mg/Kg-dry	1	11/17/2006
Silver	U		0.021	0.537	mg/Kg-dry	1	11/17/2006
Thallium	0.0601	J	0.054	0.537	mg/Kg-dry	1	11/17/2006
Zinc	929		11	53.7	mg/Kg-dry	100	11/20/2006
PERCENT MOISTURE		Method	E160.3				Analyst: MAM
Percent Moisture	19.0		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB30-06
Work Order:	0611287	**Collection Date:**	11/14/2006 2:45:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611287-03	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep SW7471A / 11/27/06		Analyst: JCJ
Mercury	221		1.7	16.2	µg/Kg-dry	1	11/27/2006
ICP METALS			Method: SW6020		Prep SW3050A / 11/16/06		Analyst: SA
Antimony	1.78		0.15	0.538	mg/Kg-dry	1	11/17/2006
Arsenic	3.81		0.14	0.538	mg/Kg-dry	1	11/17/2006
Barium	332		1.5	10.8	mg/Kg-dry	20	11/20/2006
Beryllium	0.436	J	0.032	0.538	mg/Kg-dry	1	11/17/2006
Cadmium	0.709		0.032	0.538	mg/Kg-dry	1	11/17/2006
Chromium	234		1.5	10.8	mg/Kg-dry	20	11/20/2006
Copper	52.9		0.86	10.8	mg/Kg-dry	20	11/20/2006
Lead	828		1.9	10.8	mg/Kg-dry	20	11/20/2006
Nickel	10.6		0.086	0.538	mg/Kg-dry	1	11/17/2006
Selenium	0.906		0.20	0.538	mg/Kg-dry	1	11/17/2006
Silver	U		0.022	0.538	mg/Kg-dry	1	11/17/2006
Thallium	0.0763	J	0.054	0.538	mg/Kg-dry	1	11/17/2006
Zinc	334		2.2	10.8	mg/Kg-dry	20	11/20/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	19.2		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB31-06
Work Order:	0611287	**Collection Date:**	11/14/2006 2:59:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611287-05	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep: SW7471A / 11/27/06		Analyst: JCJ
Mercury	1,130		7.8	74.3	µg/Kg-dry	5	11/27/2006
ICP METALS		Method: SW6020			Prep: SW3050A / 11/16/06		Analyst: SA
Antimony	2.15		0.15	0.528	mg/Kg-dry	1	11/17/2006
Arsenic	3.21		0.14	0.528	mg/Kg-dry	1	11/17/2006
Barium	221		7.4	52.8	mg/Kg-dry	100	11/20/2006
Beryllium	0.260	J	0.032	0.528	mg/Kg-dry	1	11/17/2006
Cadmium	2.19		0.032	0.528	mg/Kg-dry	1	11/17/2006
Chromium	241		7.4	52.8	mg/Kg-dry	100	11/20/2006
Copper	59.5		0.042	0.528	mg/Kg-dry	1	11/17/2006
Lead	1,140		9.5	52.8	mg/Kg-dry	100	11/20/2006
Nickel	13.7		0.084	0.528	mg/Kg-dry	1	11/17/2006
Selenium	0.799		0.20	0.528	mg/Kg-dry	1	11/17/2006
Silver	0.0347	J	0.021	0.528	mg/Kg-dry	1	11/17/2006
Thallium	0.0722	J	0.053	0.528	mg/Kg-dry	1	11/17/2006
Zinc	706		11	52.8	mg/Kg-dry	100	11/20/2006
PERCENT MOISTURE		Method: E160.3					Analyst: MAM
Percent Moisture	12.2		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

- U - Analyzed for but Not Detected
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB32-06
Work Order:	0611287	**Collection Date:**	11/14/2006 3:03:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611287-07	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/27/06		Analyst: JCJ
Mercury	601		3.1	29.8	µg/Kg-dry	2	11/27/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/16/06		Analyst: SA
Antimony	8.76		0.14	0.497	mg/Kg-dry	1	11/17/2006
Arsenic	5.67		0.13	0.497	mg/Kg-dry	1	11/17/2006
Barium	570		7.0	49.7	mg/Kg-dry	100	11/20/2006
Beryllium	0.333	J	0.030	0.497	mg/Kg-dry	1	11/17/2006
Cadmium	1.63		0.030	0.497	mg/Kg-dry	1	11/17/2006
Chromium	703		7.0	49.7	mg/Kg-dry	100	11/20/2006
Copper	59.4		0.040	0.497	mg/Kg-dry	1	11/17/2006
Lead	2,390		8.9	49.7	mg/Kg-dry	100	11/20/2006
Nickel	14.2		0.079	0.497	mg/Kg-dry	1	11/17/2006
Selenium	1.21		0.19	0.497	mg/Kg-dry	1	11/17/2006
Silver	U		0.020	0.497	mg/Kg-dry	1	11/17/2006
Thallium	0.0794	J	0.060	0.497	mg/Kg-dry	1	11/17/2006
Zinc	887		9.9	49.7	mg/Kg-dry	100	11/20/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	11.7		0.010	0.0100	wt%	1	11/15/2006

Qualifiers.	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB33-06
Work Order:	0611287	**Collection Date:**	11/14/2006 3:23.00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611287-09	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep: SW7471A / 11/27/06		Analyst JCJ
Mercury	13.4	J	1.7	15.9	µg/Kg-dry	1	11/27/2006
ICP METALS			Method SW6020		Prep. SW3050A / 11/16/06		Analyst SA
Antimony	U		0.16	0.563	mg/Kg-dry	1	11/17/2006
Arsenic	5.36		0.15	0.563	mg/Kg-dry	1	11/17/2006
Barium	266		1.6	11.3	mg/Kg-dry	20	11/20/2006
Beryllium	0.863		0.034	0.563	mg/Kg-dry	1	11/17/2006
Cadmium	0.266	J	0.034	0.563	mg/Kg-dry	1	11/17/2006
Chromium	19.8		0.079	0.563	mg/Kg-dry	1	11/17/2006
Copper	26.6		0.045	0.563	mg/Kg-dry	1	11/17/2006
Lead	61.6		0.10	0.563	mg/Kg-dry	1	11/17/2006
Nickel	18.4		0.090	0.563	mg/Kg-dry	1	11/17/2006
Selenium	1.23		0.21	0.563	mg/Kg-dry	1	11/17/2006
Silver	U		0.023	0.563	mg/Kg-dry	1	11/17/2006
Thallium	0.148	J	0.056	0.563	mg/Kg-dry	1	11/17/2006
Zinc	67.7		0.11	0.563	mg/Kg-dry	1	11/17/2006
PERCENT MOISTURE			Method E160.3				Analyst MAM
Percent Moisture	18.5		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB34-06
Work Order:	0611287	**Collection Date:**	11/14/2006 3:26:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611287-11	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep: SW7471A / 11/27/06		Analyst: JCJ
Mercury	**21.9**		**1.7**	**16.4**	**µg/Kg-dry**	1	11/27/2006
ICP METALS			Method SW6020		Prep SW3050A / 11/16/06		Analyst SA
Antimony	U		0.16	0.588	mg/Kg-dry	1	11/17/2006
Arsenic	**3.88**		**0.15**	**0.588**	**mg/Kg-dry**	1	11/17/2006
Barium	**160**		**0.082**	**0.588**	**mg/Kg-dry**	1	11/17/2006
Beryllium	**0.746**		**0.035**	**0.588**	**mg/Kg-dry**	1	11/17/2006
Cadmium	**0.169**	J	**0.035**	**0.588**	**mg/Kg-dry**	1	11/17/2006
Chromium	**24.6**		**0.082**	**0.588**	**mg/Kg-dry**	1	11/17/2006
Copper	**29.5**		**0.047**	**0.588**	**mg/Kg-dry**	1	11/17/2006
Lead	**70.6**		**0.11**	**0.588**	**mg/Kg-dry**	1	11/17/2006
Nickel	**11.8**		**0.094**	**0.588**	**mg/Kg-dry**	1	11/17/2006
Selenium	**0.953**		**0.22**	**0.588**	**mg/Kg-dry**	1	11/17/2006
Silver	U		0.024	0.588	mg/Kg-dry	1	11/17/2006
Thallium	**0.106**	J	**0.059**	**0.588**	**mg/Kg-dry**	1	11/17/2006
Zinc	**58.6**		**0.12**	**0.588**	**mg/Kg-dry**	1	11/17/2006
PERCENT MOISTURE			Method E160.3				Analyst: MAM
Percent Moisture	**19.0**		**0.010**	**0.0100**	**wt%**	1	11/15/2006

Qualifiers:

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- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB35-06
Work Order:	0611287	**Collection Date:**	11/14/2006 3:36 00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611287-13	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/27/06		Analyst JCJ
Mercury	**34.5**		**1.7**	**16.7**	**µg/Kg-dry**	1	11/27/2006
ICP METALS			Method SW6020		Prep. SW3050A / 11/16/06		Analyst SA
Antimony	U		0.16	0.564	mg/Kg-dry	1	11/17/2006
Arsenic	**5.39**		**0.15**	**0.564**	**mg/Kg-dry**	1	11/17/2006
Barium	**196**		**0.079**	**0.564**	**mg/Kg-dry**	1	11/17/2006
Beryllium	**0.782**		**0.034**	**0.564**	**mg/Kg-dry**	1	11/17/2006
Cadmium	**0.277**	J	**0.034**	**0.564**	**mg/Kg-dry**	1	11/17/2006
Chromium	**27.3**		**0.079**	**0.564**	**mg/Kg-dry**	1	11/17/2006
Copper	**39.9**		**0.045**	**0.564**	**mg/Kg-dry**	1	11/17/2006
Lead	**75.8**		**0.10**	**0.564**	**mg/Kg-dry**	1	11/17/2006
Nickel	**14.5**		**0.090**	**0.564**	**mg/Kg-dry**	1	11/17/2006
Selenium	**0.992**		**0.21**	**0.564**	**mg/Kg-dry**	1	11/17/2006
Silver	U		0.023	0 564	mg/Kg-dry	1	11/17/2006
Thallium	**0.117**	J	**0.056**	**0.564**	**mg/Kg-dry**	1	11/17/2006
Zinc	**65.7**		**0.11**	**0.564**	**mg/Kg-dry**	1	11/17/2006
PERCENT MOISTURE			Method E160.3				Analyst MAM
Percent Moisture	**15.6**		**0.010**	**0.0100**	**wt%**	1	11/15/2006

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB36-06
Work Order:	0611287	**Collection Date:**	11/14/2006 3.38:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611287-15	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/27/06		Analyst JCJ
Mercury	6,420		31	290	µg/Kg-dry	20	11/27/2006
ICP METALS			Method SW6020		Prep SW3050A / 11/21/06		Analyst ALR
Antimony	2.78		0.14	0.486	mg/Kg-dry	1	11/28/2006
Arsenic	2.94		0.13	0.486	mg/Kg-dry	1	11/28/2006
Barium	582		6.8	48.6	mg/Kg-dry	100	11/28/2006
Beryllium	0.603		0.029	0.486	mg/Kg-dry	1	11/28/2006
Cadmium	1.30		0.029	0.486	mg/Kg-dry	1	11/28/2006
Chromium	395		6.8	48.6	mg/Kg-dry	100	11/28/2006
Copper	134		0.039	0.486	mg/Kg-dry	1	11/28/2006
Lead	1,630		8.7	48.6	mg/Kg-dry	100	11/28/2006
Nickel	22.4		0.078	0.486	mg/Kg-dry	1	11/28/2006
Selenium	0.644		0.18	0.486	mg/Kg-dry	1	11/28/2006
Silver	0.244	J	0.019	0.486	mg/Kg-dry	1	11/28/2006
Thallium	0.102	J	0.049	0.486	mg/Kg-dry	1	11/28/2006
Zinc	837		9.7	48.6	mg/Kg-dry	100	11/28/2006
PERCENT MOISTURE			Method E160.3				Analyst MAM
Percent Moisture	10.5		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB37-06
Work Order:	0611287	**Collection Date:**	11/14/2006 3:40:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611287-17	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/27/06		Analyst: JCJ
Mercury	17.1		1.7	16.2	µg/Kg-dry	1	11/27/2006
ICP METALS			Method SW6020		Prep: SW3050A / 11/21/06		Analyst: ALR
Antimony	U		0.16	0.565	mg/Kg-dry	1	11/28/2006
Arsenic	3.88		0.15	0.565	mg/Kg-dry	1	11/28/2006
Barium	181		0.079	0.565	mg/Kg-dry	1	11/28/2006
Beryllium	0.876		0.034	0.565	mg/Kg-dry	1	11/28/2006
Cadmium	0.204	J	0.034	0.565	mg/Kg-dry	1	11/28/2006
Chromium	16.2		0.079	0.565	mg/Kg-dry	1	11/28/2006
Copper	9.20		0.045	0.565	mg/Kg-dry	1	11/28/2006
Lead	38.2		0.10	0.565	mg/Kg-dry	1	11/28/2006
Nickel	15.2		0.090	0.565	mg/Kg-dry	1	11/28/2006
Selenium	0.799		0.21	0.565	mg/Kg-dry	1	11/28/2006
Silver	0.0636	J	0.023	0.565	mg/Kg-dry	1	11/28/2006
Thallium	0.221	J	0.056	0.565	mg/Kg-dry	1	11/28/2006
Zinc	37.2		0.11	0.565	mg/Kg-dry	1	11/28/2006
PERCENT MOISTURE			Method E160.3				Analyst: MAM
Percent Moisture	18.0		0.010	0.0100	wt%	1	11/15/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB41-06
Work Order:	0611287	**Collection Date:**	11/14/2006 3:54:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611287-27	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep: SW7471A / 11/27/06		Analyst: JCJ
Mercury	47.9		1.7	16.2	µg/Kg-dry	1	11/27/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/21/06		Analyst: ALR
Antimony	0.440	J	0.16	0.558	mg/Kg-dry	1	11/28/2006
Arsenic	3.20		0.15	0.558	mg/Kg-dry	1	11/28/2006
Barium	251		7.8	55.8	mg/Kg-dry	100	11/28/2006
Beryllium	0.862		0.034	0.558	mg/Kg-dry	1	11/28/2006
Cadmium	1.02		0.034	0.558	mg/Kg-dry	1	11/28/2006
Chromium	96.5		0.078	0.558	mg/Kg-dry	1	11/28/2006
Copper	34.7		0.045	0.558	mg/Kg-dry	1	11/28/2006
Lead	512		10	55.8	mg/Kg-dry	100	11/28/2006
Nickel	11.0		0.089	0.558	mg/Kg-dry	1	11/28/2006
Selenium	0.960		0.21	0.558	mg/Kg-dry	1	11/28/2006
Silver	0.0931	J	0.022	0.558	mg/Kg-dry	1	11/28/2006
Thallium	0.269	J	0.056	0.558	mg/Kg-dry	1	11/28/2006
Zinc	124		0.11	0.558	mg/Kg-dry	1	11/28/2006
PERCENT MOISTURE			Method E160.3				Analyst: PV
Percent Moisture	19.3		0.010	0.0100	wt%	1	11/20/2006

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E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas
Lab ID: 0611287-29

Client Sample ID: RS-1
Collection Date: 11/14/2006 4:00:00 PM
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
ICP METALS, TOTAL		Method	**SW6020**		Prep	SW3010A / 11/21/06	Analyst: ALR
Antimony	U		0.0010	0.00500	mg/L	1	11/22/2006
Arsenic	U		0.0018	0.00500	mg/L	1	11/22/2006
Barium	U		0.00060	0.00500	mg/L	1	11/22/2006
Beryllium	U		0.00030	0.00200	mg/L	1	11/22/2006
Cadmium	U		0.00015	0.00200	mg/L	1	11/22/2006
Chromium	**0.000686**	J	**0.00060**	**0.00500**	**mg/L**	1	11/22/2006
Copper	U		0.00030	0.00500	mg/L	1	11/22/2006
Lead	**0.000477**	J	**0.00020**	**0.00500**	**mg/L**	1	11/22/2006
Nickel	**0.00123**	J	**0.00030**	**0.00500**	**mg/L**	1	11/22/2006
Selenium	U		0.0017	0.00500	mg/L	1	11/22/2006
Silver	U		0.00020	0.00500	mg/L	1	11/22/2006
Thallium	U		0.00040	0.00200	mg/L	1	11/22/2006
Zinc	**0.00361**	J	**0.0015**	**0.00500**	**mg/L**	1	11/22/2006
TCL VOLATILE ORGANICS		Method	**SW8260**				Analyst: PC
1,1,1-Trichloroethane	U		0.60	5.0	µg/L	1	11/21/2006
1,1,2,2-Tetrachloroethane	U		1.5	5.0	µg/L	1	11/21/2006
1,1,2-Trichloroethane	U		0.50	5.0	µg/L	1	11/21/2006
1,1-Dichloroethane	U		0.50	5.0	µg/L	1	11/21/2006
1,1-Dichloroethene	U		0.60	5.0	µg/L	1	11/21/2006
1,2-Dichloroethane	U		0.50	5.0	µg/L	1	11/21/2006
1,2-Dichloropropane	U		0.70	5.0	µg/L	1	11/21/2006
2-Butanone	U		0.80	10	µg/L	1	11/21/2006
Benzene	U		0.60	5.0	µg/L	1	11/21/2006
Bromoform	U		0.80	5.0	µg/L	1	11/21/2006
Bromomethane	U		0.50	5.0	µg/L	1	11/21/2006
Carbon tetrachloride	U		0.60	5.0	µg/L	1	11/21/2006
Chlorobenzene	U		0.50	5.0	µg/L	1	11/21/2006
Chloroethane	U		0.60	5.0	µg/L	1	11/21/2006
Chloroform	U		0.50	5.0	µg/L	1	11/21/2006
Chloromethane	U		0.50	5.0	µg/L	1	11/21/2006
cis-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/21/2006
Dichloromethane	U		0.60	10	µg/L	1	11/21/2006
Ethylbenzene	U		0.50	5.0	µg/L	1	11/21/2006
Tetrachloroethene	U		0.50	5.0	µg/L	1	11/21/2006
Toluene	U		0.50	5.0	µg/L	1	11/21/2006
trans-1,2-Dichloroethene	U		0.60	5.0	µg/L	1	11/21/2006
trans-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/21/2006
Trichloroethene	U		0.70	5.0	µg/L	1	11/21/2006

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QC Batch Summary Report

Golder Associates, Inc.
CRI - Superfund
Work Order 0611287

Lab Order: 0611287
Client: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611287-01A	SB29-06	11/14/2006 2 41 00 PM	Soil	ICP Metals		11/16/2006	20811	11/20/2006
				ICP Metals		11/16/2006	20811	11/17/2006
				Mercury, Total		11/27/2006	20940	11/27/2006
				Percent Moisture			R43941	11/15/2006
0611287-03A	SB30-06	11/14/2006 2 45 00 PM		ICP Metals		11/16/2006	20811	11/17/2006
				ICP Metals		11/16/2006	20811	11/20/2006
				Mercury, Total		11/27/2006	20940	11/27/2006
				Percent Moisture			R43941	11/15/2006
0611287-05A	SB31-06	11/14/2006 2 59 00 PM		ICP Metals		11/16/2006	20811	11/20/2006
				ICP Metals		11/16/2006	20811	11/17/2006
				Mercury, Total		11/27/2006	20940	11/27/2006
				Percent Moisture			R43941	11/15/2006
0611287-07A	SB32-06	11/14/2006 3 03 00 PM		ICP Metals		11/16/2006	20811	11/17/2006
				ICP Metals		11/16/2006	20811	11/20/2006
				Mercury, Total		11/27/2006	20940	11/27/2006
				Percent Moisture			R43941	11/15/2006
0611287-09A	SB33-06	11/14/2006 3 23 00 PM		ICP Metals		11/16/2006	20811	11/20/2006
				ICP Metals		11/16/2006	20811	11/17/2006
				Mercury, Total		11/27/2006	20940	11/27/2006
				Percent Moisture			R43941	11/15/2006
0611287-11A	SB34-06	11/14/2006 3 26 00 PM		ICP Metals		11/16/2006	20811	11/17/2006
				Mercury, Total		11/27/2006	20940	11/27/2006
				Percent Moisture			R43941	11/15/2006
0611287-13A	SB35-06	11/14/2006 3 36 00 PM		ICP Metals		11/16/2006	20811	11/17/2006
				Mercury, Total		11/27/2006	20940	11/27/2006
				Percent Moisture			R43941	11/15/2006
0611287-15A	SB36-06	11/14/2006 3 38 00 PM		ICP Metals		11/21/2006	20896	11/28/2006

Lab Order: 0611287
Client: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611287-15A	SB36-06	11/14/2006 3 38 00 PM	Soil	ICP Metals		11/21/2006	20896	11/28/2006
				Mercury, Total		11/27/2006	20940	11/27/2006
				Percent Moisture			R43941	11/15/2006
0611287-17A	SB37-06	11/14/2006 3 40 00 PM		ICP Metals		11/21/2006	20896	11/28/2006
				Mercury, Total		11/27/2006	20940	11/27/2006
				Percent Moisture			R43941	11/15/2006
0611287-19A	SB38-06	11/14/2006 3 44 00 PM		ICP Metals		11/21/2006	20896	11/28/2006
				ICP Metals		11/21/2006	20896	11/28/2006
				Mercury, Total		11/27/2006	20940	11/27/2006
				Percent Moisture			R43941	11/15/2006
0611287-21A	SB38-06 DS-7			ICP Metals		11/21/2006	20896	11/28/2006
				ICP Metals		11/21/2006	20896	11/28/2006
				Mercury, Total		11/27/2006	20940	11/27/2006
				Percent Moisture			R43941	11/15/2006
0611287-23A	SB39-06	11/14/2006 3 47 00 PM		ICP Metals		11/21/2006	20896	11/28/2006
				ICP Metals		11/21/2006	20896	11/28/2006
				Mercury, Total		11/27/2006	20940	11/27/2006
				Percent Moisture			R43969	11/16/2006
0611287-25A	SB40-06	11/14/2006 3 50 00 PM		ICP Metals		11/21/2006	20896	11/28/2006
				ICP Metals		11/21/2006	20896	11/28/2006
				Mercury, Total		11/27/2006	20940	11/27/2006
				Percent Moisture			R43969	11/16/2006
0611287-27A	SB41-06	11/14/2006 3 54 00 PM		ICP Metals		11/21/2006	20897	11/28/2006
				ICP Metals		11/21/2006	20897	11/28/2006
				Mercury Total		11/27/2006	20940	11/27/2006
				Percent Moisture			R44085	11/20/2006
0611287-29A	RS-1	11/14/2006 4 00 00 PM	Water	TCL Volatile Organics			R44066	11/21/2006

Lab Order: 0611287
Client: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611287-29B	RS-1	11/14/2006 4 00 00 PM	Water	ICP Metals, Total		11/21/2006	20890	11/22/2006

e-Lab Analytical, Inc.

CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

Date: *Dec 01 2006*

QC BATCH REPORT

Batch ID **20811** Instrument ID **ICP7500** Method **SW6020**

MBLK Sample ID **MBLKS3-111606** Units **mg/Kg** Analysis Date **11/20/06 13:16**
Client ID Run ID **ICP7500_061120A** SeqNo **1000389** Prep Date **11/16/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.50								
Arsenic	U	0.50								
Barium	U	0.50								
Beryllium	U	0.50								
Cadmium	U	0.50								
Chromium	U	0.50								
Copper	U	0.50								
Lead	U	0.50								
Nickel	U	0.50								
Selenium	U	0.50								
Silver	U	0.50								
Thallium	U	0.50								
Zinc	U	0.50								

LCS Sample ID **MLCSS3-111606** Units **mg/Kg** Analysis Date: **11/17/06 17:26**
Client ID Run ID **ICP7500_061117A** SeqNo: **999858** Prep Date: **11/16/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	10.67	0.50	10	0	107	80-120		0		
Arsenic	9.515	0.50	10	0	95.2	80-120		0		
Barium	10.19	0.50	10	0	102	80-120		0		
Beryllium	9.193	0.50	10	0	91.9	80-120		0		
Cadmium	9.791	0.50	10	0	97.9	80-120		0		
Chromium	10.51	0.50	10	0	105	80-120		0		
Copper	9.981	0.50	10	0	99.8	80-120		0		
Lead	10.23	0.50	10	0	102	80-120		0		
Nickel	10.38	0.50	10	0	104	80-120		0		
Selenium	8.906	0.50	10	0	89.1	80-120		0		
Silver	9.891	0.50	10	0	98.9	80-120		0		
Thallium	9.282	0.50	10	0	92.8	80-120		0		
Zinc	9.723	0.50	10	0	97.2	80-120		0		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20811** Instrument ID **ICP7500** Method. **SW6020**

MS Sample ID **0611272-35AMS** Units **mg/Kg** Analysis Date **11/20/06 14:15**
Client ID Run ID **ICP7500_061120A** SeqNo **1000397** Prep Date **11/16/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	3 026	0 44	8 696	4 729	-19 6	75-125	0			S
Arsenic	12 12	0 44	8 696	4 951	82 5	75-125	0			
Barium	131 1	0 44	8 696	184.7	-616	75-125	0			SEO
Beryllium	7 787	0 44	8 696	0.7864	80.5	75-125	0			
Cadmium	8.29	0 44	8 696	0 3275	91 6	75-125	0			
Chromium	25.99	0 44	8 696	13 46	144	75-125	0			S
Copper	44 23	0 44	8 696	45.39	-13.4	75-125	0			SEO
Lead	66.31	0.44	8.696	49 2	197	75-125	0			SEO
Nickel	17.56	0 44	8 696	10 93	76 2	75-125	0			
Selenium	7 983	0.44	8 696	3 423	52.4	75-125	0			S
Silver	7 059	0.44	8 696	0 1384	79 6	75-125	0			
Thallium	8 166	0 44	8 696	0 4209	89 1	75-125	0			
Zinc	288.3	0.44	8 696	237 7	581	75-125	0			SEO

MSD Sample ID **0611272-35AMSD** Units **mg/Kg** Analysis Date **11/20/06 14:21**
Client ID Run ID **ICP7500_061120A** SeqNo **1000398** Prep Date **11/16/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	3.243	0 44	8 696	4 729	-17 1	75-125	3 026	6 93	25	S
Arsenic	12 34	0 44	8 696	4 951	85	75-125	12 12	1 78	25	
Barium	134.7	0 44	8.696	184.7	-575	75-125	131 1	2.68	25	SEO
Beryllium	7 872	0.44	8 696	0 7864	81 5	75-125	7 787	1 09	25	
Cadmium	8 271	0 44	8 696	0.3275	91 4	75-125	8 29	0 221	25	
Chromium	26 77	0 44	8 696	13 46	153	75-125	25 99	2 97	25	S
Copper	48 49	0 44	8 696	45.39	35 6	75-125	44.23	9 19	25	SEO
Lead	66 72	0 44	8.696	49 2	202	75-125	66.31	0 614	25	SEO
Nickel	17 75	0.44	8.696	10 93	78 4	75-125	17 56	1 08	25	
Selenium	8.039	0 44	8 696	3 423	53 1	75-125	7 983	0.695	25	S
Silver	6 985	0 44	8 696	0 1384	78 7	75-125	7 059	1 05	25	
Thallium	8 73	0 44	8 696	0 4209	95 6	75-125	8.166	6 68	25	
Zinc	203	0 44	8 696	237 7	-400	75-125	288.3	34.7	25	SREO

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20811** Instrument ID **ICP7500** Method **SW6020**

DUP Sample ID **0611272-35ADUP** Units **mg/Kg** Analysis Date: **11/20/06 14:09**
Client ID Run ID: **ICP7500_061120A** SeqNo **1000396** Prep Date **11/16/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.2024	0 44	0	0	0	0-0	4 729	0	25	J
Arsenic	5.231	0 44	0	0	0	0-0	4 951	5.5	25	
Beryllium	0.5638	0.44	0	0	0	0-0	0.7864	33	25	R
Cadmium	0 5461	0 44	0	0	0	0-0	0 3275	50	25	R
Chromium	15.95	0 44	0	0	0	0-0	13 46	16 9	25	
Copper	40 94	0 44	0	0	0	0-0	45 39	10.3	25	
Lead	59.23	0 44	0	0	0	0-0	49.2	18 5	25	
Nickel	10.87	0 44	0	0	0	0-0	10 93	0 543	25	
Selenium	1 135	0 44	0	0	0	0-0	3 423	100	25	R
Silver	0 05265	0 44	0	0	0	0-0	0 1384	0	25	J
Thallium	0 09504	0 44	0	0	0	0-0	0 4209	0	25	J

DUP Sample ID **0611272-35ADUP** Units **mg/Kg** Analysis Date: **11/20/06 15:33**
Client ID Run ID: **ICP7500_061120A** SeqNo: **1000408** Prep Date **11/16/2006** DF **20**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	132.2	8.7	0	0	0	0-0	184 7	33 2	25	R
Zinc	145.8	8.7	0	0	0	0-0	237 7	47 9	25	R

PDS Sample ID **0611272-35ABS** Units: **mg/Kg** Analysis Date: **11/17/06 20:45**
Client ID Run ID **ICP7500_061117A** SeqNo **999885** Prep Date: DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	8.73	0 44	8.696	0.1982	98 1	75-125	0			
Arsenic	13 18	0 44	8 698	5 65	86 6	75-125	0			
Beryllium	7 937	0 44	8 696	0 6672	83 6	75-125	0			
Cadmium	8 034	0 44	8 696	0.2641	89 4	75-125	0			
Chromium	25 41	0 44	8 696	17.83	87.2	75-125	0			
Copper	52 11	0 44	8 696	45.23	79 2	75-125	0			O
Lead	57.65	0 44	8.696	53 72	45.2	75-125	0			SO
Nickel	19.37	0 44	8 696	11 56	89 9	75-125	0			
Selenium	8 183	0 44	8 696	0 907	83.7	75-125	0			
Silver	7 804	0 44	8 696	0 07187	88 9	75-125	0			
Thallium	7 329	0 44	8 696	0 1052	83 1	75-125	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20811** Instrument ID **ICP7500** Method: **SW6020**

PDS Sample ID **0611272-35ABS** Units **mg/Kg** Analysis Date **11/20/06 15:39**
Client ID Run ID **ICP7500_061120A** SeqNo **1000409** Prep Date DF: **20**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	339 7	8 7	173.9	184 7	89 1	75-125	0			
Zinc	397 9	8.7	173.9	237.7	92 1	75-125	0			

SD Sample ID **0611272-35A DIL** Units **mg/Kg** Analysis Date: **11/17/06 20:51**
Client ID Run ID **ICP7500_061117A** SeqNo **999886** Prep Date DF **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	2.2	0	0	0	0-0	0 1982	0	10	
Arsenic	5 783	2.2	0	0	0	0-0	5 65	2 35	10	
Beryllium	0 783	2 2	0	0	0	0-0	0.6672	0	10	J
Cadmium	0.2903	2.2	0	0	0	0-0	0.2641	0	10	J
Chromium	18 53	2.2	0	0	0	0-0	17 83	3 95	10	
Copper	52 17	2.2	0	0	0	0-0	45 23	15 4	10	R
Lead	55 83	2.2	0	0	0	0-0	53.72	3 92	10	
Nickel	12 59	2.2	0	0	0	0-0	11.56	8 92	10	
Selenium	1.095	2 2	0	0	0	0-0	0 907	0	10	J
Silver	U	2 2	0	0	0	0-0	0 07187	0	10	
Thallium	0 4323	2 2	0	0	0	0-0	0 1052	0	10	J

SD Sample ID **0611272-35A DIL** Units **mg/Kg** Analysis Date **11/20/06 15:45**
Client ID Run ID **ICP7500_061120A** SeqNo **1000410** Prep Date DF **100**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	183 6	44	0	0	0	0-0	184 7	0 612	10	
Zinc	249 2	44	0	0	0	0-0	237 7	4 83	10	

The following samples were analyzed in this batch:

0611287-01A	0611287-03A	0611287-05A
0611287-07A	0611287-09A	0611287-11A
0611287-13A		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Reference analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20890** Instrument ID **ICPMS02** Method **SW6020**

MBLK Sample ID **MBLKW3-112106** Units **mg/L** Analysis Date: **11/22/06 15:01**
Client ID Run ID **ICPMS02_061122A** SeqNo **1002051** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0 0050								
Arsenic	U	0.0050								
Barium	U	0.0050								
Beryllium	U	0.0020								
Cadmium	U	0.0020								
Chromium	U	0 0050								
Copper	U	0.0050								
Lead	U	0 0050								
Nickel	U	0 0050								
Selenium	U	0 0050								
Silver	U	0 0050								
Thallium	U	0 0020								
Zinc	U	0 0050								

LCS Sample ID **MLCSW3-112106** Units **mg/L** Analysis Date: **11/22/06 15:07**
Client ID Run ID **ICPMS02_061122A** SeqNo **1002052** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0 05124	0.0050	0 05	0	102	79.5-121	0			
Arsenic	0 04825	0.0050	0 05	0	96 5	80-121	0			
Barium	0 04702	0.0050	0 05	0	94	79.8-119	0			
Beryllium	0.04781	0 0020	0 05	0	95 6	78.9-120	0			
Cadmium	0 04975	0 0020	0 05	0	99.5	79 1-119	0			
Chromium	0 04488	0.0050	0.05	0	89 8	79.3-121	0			
Copper	0.04704	0.0050	0 05	0	94 1	81-120	0			
Lead	0 04681	0 0050	0 05	0	93 6	80-118	0			
Nickel	0 04719	0.0050	0 05	0	94 4	82-120	0			
Selenium	0 0513	0 0050	0 05	0	103	79 2-118	0			
Silver	0.05183	0.0050	0.05	0	104	80-117	0			
Thallium	0 04327	0 0020	0 05	0	86 5	78-120	0			
Zinc	0 05088	0 0050	0 05	0	102	79-118	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20890** Instrument ID **ICPMS02** Method **SW6020**

MS Sample ID **0611297-04CMS** Units **mg/L** Analysis Date. **11/22/06 22:05**
Client ID Run ID **ICPMS02_061122A** SeqNo **1002490** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0 04879	0.0050	0 05	-0 0001462	97 9	79 5-121	0			
Arsenic	0 05084	0 0050	0 05	0 002012	97 7	80-121	0			
Barium	0.2229	0.0050	0 05	0 1751	95.6	79 8-119	0			
Beryllium	0.04806	0.0020	0.05	0.0002019	95.7	78 9-120	0			
Cadmium	0 05032	0.0020	0 05	-0.00006835	101	79.1-119	0			
Chromium	0 0475	0 0050	0.05	0 001238	92.5	79 3-121	0			
Copper	0 04588	0 0050	0 05	0.0001549	91 5	80-120	0			
Lead	0.04926	0.0050	0.05	0.0004438	97.6	80-118	0			
Nickel	0.0501	0 0050	0 05	0 002701	94 8	82-120	0			
Selenium	0 04877	0 0050	0 05	0 0002401	97.1	79.2-118	0			
Silver	0.04716	0.0050	0.05	-0.0003109	94.9	80-117	0			
Thallium	0.04533	0 0020	0 05	0 0002876	90.1	78-120	0			
Zinc	0 05192	0 0050	0 05	0 00255	98 7	79-118	0			

MSD Sample ID **0611297-04CMSD** Units **mg/L** Analysis Date: **11/22/06 22:10**
Client ID Run ID: **ICPMS02_061122A** SeqNo **1002491** Prep Date **11/21/2006** DF. **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0 04861	0 0050	0 05	-0 0001462	97.5	79 5-121	0 04879	0 37	15	
Arsenic	0 05095	0 0050	0 05	0.002012	97 9	80-121	0 05084	0.216	15	
Barium	0.2244	0.0050	0 05	0.1751	98 6	79 8-119	0 2229	0 671	15	
Beryllium	0.04834	0 0020	0 05	0 0002019	96.3	78.9-120	0.04806	0 581	15	
Cadmium	0 04994	0 0020	0 05	-0 00006835	100	79 1-119	0 05032	0 758	15	
Chromium	0 04794	0 0050	0 05	0 001238	93 4	79 3-121	0 0475	0.922	15	
Copper	0.04577	0 0050	0 05	0.0001549	91.2	81-120	0.04588	0.24	15	
Lead	0 05019	0 0050	0 05	0 0004438	99.5	80-118	0 04926	1.87	15	
Nickel	0.0499	0 0050	0 05	0 002701	94 4	82-120	0.0501	0 4	15	
Selenium	0 04763	0 0050	0 05	0 0002401	94.8	79.2-118	0 04877	2 37	15	
Silver	0 0473	0 0050	0 05	-0 0003109	95.2	80-117	0.04716	0 296	15	
Thallium	0 04606	0 0020	0 05	0.0002876	91 5	78-120	0 04533	1 6	15	
Zinc	0.05188	0 0050	0 05	0.00255	98 7	79-118	0 05192	0 0771	15	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID 20890 Instrument ID ICPMS02 Method SW6020

DUP Sample ID 0611297-04CDUP Units: mg/L Analysis Date: 11/22/06 21:53

Client ID Run ID: ICPMS02_061122A SeqNo 1002488 Prep Date 11/21/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0 0050	0	0	0	0-0	-0 0001462	0	25	
Arsenic	0 002305	0.0050	0	0	0	0-0	0 002012	0	25	J
Barium	0 1711	0.0050	0	0	0	0-0	0 1751	2 31	25	
Beryllium	U	0.0020	0	0	0	0-0	0 0002019	0	25	
Cadmium	U	0 0020	0	0	0	0-0	-0 00006835	0	25	
Chromium	0 0006796	0.0050	0	0	0	0-0	0.001238	0	25	J
Copper	U	0 0050	0	0	0	0-0	0 0001549	0	25	
Lead	0 000251	0 0050	0	0	0	0-0	0 0004438	0	25	J
Nickel	0 002151	0 0050	0	0	0	0-0	0 002701	0	25	J
Selenium	U	0 0050	0	0	0	0-0	0 0002401	0	25	
Silver	U	0 0050	0	0	0	0-0	-0 0003109	0	25	
Thallium	U	0 0020	0	0	0	0-0	0 0002876	0	25	
Zinc	0.002925	0 0050	0	0	0	0-0	0 00255	0	25	J

PDS Sample ID 0611297-04CBS Units mg/L Analysis Date 11/22/06 22:16

Client ID Run ID ICPMS02_061122A SeqNo 1002492 Prep Date DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.09115	0 0050	0 1	-0.0001462	91 3	75-125	0			
Arsenic	0 09297	0.0050	0 1	0 002012	91	75-125	0			
Barium	0.2657	0 0050	0 1	0.1751	90.6	75-125	0			
Beryllium	0 09054	0 0020	0 1	0 0002019	90 3	75-125	0			
Cadmium	0 09544	0 0020	0 1	-0 00006835	95 5	75-125	0			
Chromium	0 09044	0 0050	0 1	0.001238	89.2	75-125	0			
Copper	0.0875	0.0050	0 1	0 0001549	87.3	75-125	0			
Lead	0 09456	0 0050	0 1	0.0004438	94 1	75-125	0			
Nickel	0 09157	0 0050	0.1	0 002701	88 9	75-125	0			
Selenium	0.09105	0 0050	0.1	0 0002401	90.8	75-125	0			
Silver	0 08592	0.0050	0 1	-0 0003109	86 2	75-125	0			
Thallium	0 09022	0 0020	0.1	0 0002876	89.9	75-125	0			
Zinc	0 09601	0 0050	0 1	0 00255	93 5	75-125	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20890** Instrument ID **ICPMS02** Method **SW6020**

SD Sample ID **0611297-04C DIL** Units **mg/L** Analysis Date **11/22/06 21:59**

Client ID Run ID. **ICPMS02_061122A** SeqNo **1002489** Prep Date DF **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0 025	0	0	0	0-0	-0 0001462	0	10	
Arsenic	U	0 025	0	0	0	0-0	0 002012	0	10	
Barium	0 1781	0 025	0	0	0	0-0	0.1751	1 71	10	
Beryllium	U	0 010	0	0	0	0-0	0 0002019	0	10	
Cadmium	U	0 010	0	0	0	0-0	-0.00006835	0	10	
Chromium	U	0 025	0	0	0	0-0	0 001238	0	10	
Copper	U	0.025	0	0	0	0-0	0 0001549	0	10	
Lead	U	0.025	0	0	0	0-0	0.0004438	0	10	
Nickel	U	0.025	0	0	0	0-0	0.002701	0	10	
Selenium	U	0 025	0	0	0	0-0	0.0002401	0	10	
Silver	U	0.025	0	0	0	0-0	-0.0003109	0	10	
Thallium	U	0 010	0	0	0	0-0	0 0002876	0	10	
Zinc	U	0 025	0	0	0	0-0	0 00255	0	10	

The following samples were analyzed in this batch: 0611287-29B

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20896** Instrument ID **ICPMS02** Method **SW6020**

MBLK Sample ID **MBLKS1-112106** Units **mg/Kg** Analysis Date **11/27/06 23:29**
Client ID Run ID **ICPMS02_061127A** SeqNo. **1003648** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0 50								
Arsenic	0 1567	0.50								J
Beryllium	0.07298	0.50								J
Copper	0.05799	0 50								J
Selenium	U	0.50								
Silver	0.03124	0 50								J

MBLK Sample ID **MBLKS1-112106** Units **mg/Kg** Analysis Date **11/28/06 22:16**
Client ID Run ID **ICPMS02_061128A** SeqNo **1004224** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	U	0 50								
Cadmium	U	0 50								
Chromium	U	0 50								
Lead	U	0.50								
Nickel	U	0.50								
Thallium	U	0.50								
Zinc	0 3441	0 50								J

LCS Sample ID **MLCSS1-112106** Units **mg/Kg** Analysis Date **11/27/06 23:35**
Client ID Run ID **ICPMS02_061127A** SeqNo **1003649** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	8 84	0 50	10	0	88 4	80-120	0			
Arsenic	8 804	0 50	10	0	88	80-120	0			
Beryllium	8 764	0 50	10	0	87 6	80-120	0			
Copper	9 267	0 50	10	0	92.7	80-120	0			
Selenium	8 711	0.50	10	0	87.1	80-120	0			
Silver	9.382	0 50	10	0	93 8	80-120	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20896** Instrument ID **ICPMS02** Method: **SW6020**

LCS Sample ID **MLCSS1-112106** Units: **mg/Kg** Analysis Date **11/28/06 22:21**

Client ID Run ID **ICPMS02_061128A** SeqNo **1004226** Prep Date: **11/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	9.579	0.50	10	0	95.8	80-120	0			
Cadmium	9 753	0.50	10	0	97.5	80-120	0			
Chromium	9 683	0 50	10	0	96 8	80-120	0			
Lead	9.997	0.50	10	0	100	80-120	0			
Nickel	9 843	0.50	10	0	98 4	80-120	0			
Thallium	9 085	0.50	10	0	90.8	80-120	0			
Zinc	9.704	0.50	10	0	97	80-120	0			

MS Sample ID: **0611317-26BMS** Units: **mg/Kg** Analysis Date: **11/27/06 23:58**

Client ID Run ID **ICPMS02_061127A** SeqNo: **1003663** Prep Date: **11/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	5.697	0 45	8.929	0.04886	63 3	75-125	0			S
Arsenic	9.852	0.45	8.929	2.662	78.3	75-125	0			
Barium	109.6	0.45	8.929	68 14	465	75-125	0			SO
Beryllium	8 463	0 45	8 929	0 6694	87 3	75-125	0			
Cadmium	8 537	0 45	8.929	0.1187	94.3	75-125	0			
Chromium	16 95	0 45	8 929	8.352	96 3	75-125	0			
Copper	12 76	0 45	8.929	5.073	86 1	75-125	0			
Lead	26 64	0 45	8.929	18 4	92 3	75-125	0			
Nickel	19 37	0.45	8.929	8.991	116	75-125	0			
Selenium	7 908	0.45	8.929	0.5086	82.9	75-125	0			
Silver	8.262	0 45	8 929	0 07883	91 7	75-125	0			
Thallium	7 924	0 45	8.929	0.2044	86 5	75-125	0			
Zinc	29	0 45	8.929	20.38	96 5	75-125	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20896** Instrument ID **ICPMS02** Method: **SW6020**

MSD Sample ID **0611317-26BMSD** Units **mg/Kg** Analysis Date: **11/28/06 0:04**
Client ID Run ID: **ICPMS02_061127A** SeqNo: **1003654** Prep Date **11/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	4.996	0.45	8.929	0.04886	55.4	75-125	5.697	13.1	25	S
Arsenic	9.366	0.45	8.929	2.662	75.1	75-125	9.652	3	25	
Barium	130.5	0.45	8.929	68.14	699	75-125	109.6	17.4	25	SO
Beryllium	7.9	0.45	8.929	0.6694	81	75-125	8.463	6.89	25	
Cadmium	7.835	0.45	8.929	0.1187	86.4	75-125	8.537	8.57	25	
Chromium	15.63	0.45	8.929	8.352	81.6	75-125	16.95	8.06	25	
Copper	12.31	0.45	8.929	5.073	81.1	75-125	12.76	3.56	25	
Lead	24.07	0.45	8.929	18.4	63.5	75-125	26.64	10.1	25	S
Nickel	17.63	0.45	8.929	8.991	96.8	75-125	19.37	9.36	25	
Selenium	7.192	0.45	8.929	0.5086	74.9	75-125	7.908	9.48	25	S
Silver	7.46	0.45	8.929	0.07883	82.7	75-125	8.262	10.2	25	
Thallium	7.332	0.45	8.929	0.2044	79.8	75-125	7.924	7.76	25	
Zinc	26.21	0.45	8.929	20.38	65.3	75-125	29	10.1	25	S

DUP Sample ID **0611317-26BDUP** Units **mg/Kg** Analysis Date: **11/27/06 23:47**
Client ID Run ID **ICPMS02_061127A** SeqNo. **1003651** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.45	0	0	0	0-0	0.04886	0	25	
Arsenic	3.041	0.45	0	0	0	0-0	2.662	13.3	25	
Barium	98.21	0.45	0	0	0	0-0	68.14	36.2	25	R
Beryllium	0.7198	0.45	0	0	0	0-0	0.6694	7.26	25	
Cadmium	0.1346	0.45	0	0	0	0-0	0.1187	0	25	J
Chromium	10.04	0.45	0	0	0	0-0	8.352	18.3	25	
Copper	5.888	0.45	0	0	0	0-0	5.073	14.9	25	
Lead	23.33	0.45	0	0	0	0-0	18.4	23.6	25	
Nickel	10.11	0.45	0	0	0	0-0	8.991	11.7	25	
Selenium	0.6995	0.45	0	0	0	0-0	0.5086	31.6	25	R
Silver	0.08279	0.45	0	0	0	0-0	0.07883	0	25	J
Thallium	0.1739	0.45	0	0	0	0-0	0.2044	0	25	J
Zinc	22.43	0.45	0	0	0	0-0	20.38	9.55	25	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: **20896** Instrument ID **ICPMS02** Method: **SW6020**

PDS Sample ID **0611317-26BBS** Units **mg/Kg** Analysis Date **11/28/06 0:10**
Client ID Run ID **ICPMS02_061127A** SeqNo: **1003665** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	7.846	0.45	8.929	0.04886	87.3	75-125	0			
Arsenic	10.33	0.45	8.929	2.662	85.9	75-125	0			
Barium	72.79	0.45	8.929	68.14	52	75-125	0			SO
Beryllium	7.658	0.45	8.929	0.6694	78.3	75-125	0			
Cadmium	7.412	0.45	8.929	0.1187	81.7	75-125	0			
Chromium	15.49	0.45	8.929	8.352	80	75-125	0			
Copper	12.62	0.45	8.929	5.073	84.6	75-125	0			
Lead	25.32	0.45	8.929	18.4	77.5	75-125	0			
Nickel	16.01	0.45	8.929	8.991	78.6	75-125	0			
Selenium	7.287	0.45	8.929	0.5086	75.9	75-125	0			
Silver	7.779	0.45	8.929	0.07883	86.2	75-125	0			
Thallium	6.903	0.45	8.929	0.2044	75	75-125	0			
Zinc	26.93	0.45	8.929	20.38	73.3	75-125	0			S

SD Sample ID **0611317-26B DIL** Units **mg/Kg** Analysis Date **11/27/06 23:52**
Client ID. Run ID **ICPMS02_061127A** SeqNo **1003652** Prep Date: DF **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	2.2	0	0	0	0-0	0.04886	0	10	
Arsenic	3.117	2.2	0	0	0	0-0	2.662	17.1	10	R
Barium	72.41	2.2	0	0	0	0-0	68.14	6.26	10	
Beryllium	1.024	2.2	0	0	0	0-0	0.6694	0	10	J
Cadmium	0.3247	2.2	0	0	0	0-0	0.1187	0	10	J
Chromium	8.924	2.2	0	0	0	0-0	8.352	6.85	10	
Copper	5.705	2.2	0	0	0	0-0	5.073	12.5	10	R
Lead	19.49	2.2	0	0	0	0-0	18.4	5.92	10	
Nickel	9.826	2.2	0	0	0	0-0	8.991	9.28	10	
Selenium	U	2.2	0	0	0	0-0	0.5086	0	10	
Silver	0.1796	2.2	0	0	0	0-0	0.07883	0	10	J
Thallium	0.4616	2.2	0	0	0	0-0	0.2044	0	10	J
Zinc	22.45	2.2	0	0	0	0-0	20.38	10.1	10	R

The following samples were analyzed in this batch:

0611287-15A	0611287-17A	0611287-19A
0611287-21A	0611287-23A	0611287-25A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID. **20897** Instrument ID **ICPMS02** Method **SW6020**

MBLK Sample ID. **MBLKS2-112106** Units **mg/Kg** Analysis Date: **11/28/06 2:48**
Client ID Run ID **ICPMS02_061127A** SeqNo: **1003775** Prep Date **11/21/2006** DF. **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.50								
Arsenic	0 1611	0.50								J
Beryllium	0.07355	0.50								J
Cadmium	0 0532	0.50								J
Nickel	U	0 50								
Selenium	U	0 50								
Silver	0 02596	0 50								J
Thallium	0 08929	0 50								J

MBLK Sample ID **MBLKS2-112106** Units **mg/Kg** Analysis Date: **11/28/06 23:44**
Client ID Run ID. **ICPMS02_061128A** SeqNo **1004246** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	U	0.50								
Chromium	U	0.50								
Copper	U	0 50								
Lead	U	0 50								
Zinc	0 2821	0 50								J

LCS Sample ID **MLCSS2-112106** Units **mg/Kg** Analysis Date **11/28/06 2:54**
Client ID Run ID **ICPMS02_061127A** SeqNo **1003776** Prep Date: **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	9 145	0.50	10	0	91 4	80-120	0			
Arsenic	9 366	0 50	10	0	93.7	80-120	0			
Beryllium	9.334	0 50	10	0	93.3	80-120	0			
Cadmium	9 653	0 50	10	0	96 5	80-120	0			
Nickel	10 05	0 50	10	0	100	80-120	0			
Selenium	8 845	0.50	10	0	88 4	80-120	0			
Silver	9 725	0 50	10	0	97 2	80-120	0			
Thallium	9 166	0 50	10	0	91 7	80-120	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20897** Instrument ID **ICPMS02** Method. **SW6020**

LCS Sample ID **MLCSS2-112106** Units **mg/Kg** Analysis Date **11/28/06 23:50**

Client ID Run ID **ICPMS02_061128A** SeqNo **1004247** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	9 855	0 50	10	0	98 6	80-120	0			
Chromium	9 917	0 50	10	0	99.2	80-120	0			
Copper	9.847	0 50	10	0	98 5	80-120	0			
Lead	10 19	0.50	10	0	102	80-120	0			
Zinc	10 11	0 50	10	0	101	80-120	0			

MS Sample ID **0611287-27AMS** Units. **mg/Kg** Analysis Date: **11/28/06 3:17**

Client ID **SB41-06** Run ID **ICPMS02_061127A** SeqNo **1003780** Prep Date. **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	3 198	0.45	9.009	0 3548	31.6	75-125	0			S
Arsenic	8.989	0.45	9.009	2 579	71.2	75-125	0			S
Barium	128 8	0 45	9 009	185 3	-627	75-125	0			SO
Beryllium	7.885	0.45	9 009	0 6955	79 6	75-125	0			
Cadmium	7 777	0 45	9.009	0.8192	77.2	75-125	0			
Chromium	21.01	0 45	9.009	77 83	-631	75-125	0			SO
Copper	19 77	0 45	9 009	28	-91 3	75-125	0			S
Lead	51 94	0 45	9 009	341.5	-3210	75-125	0			SO
Nickel	15 43	0 45	9 009	8.894	72 6	75-125	0			S
Selenium	6 838	0 45	9 009	0.7744	67 3	75-125	0			S
Silver	7 303	0 45	9.009	0 07513	80.2	75-125	0			
Thallium	7 18	0 45	9.009	0.217	77.3	75-125	0			
Zinc	45 12	0 45	9 009	100 4	-613	75-125	0			SO

' ND - Not Detected at the Reporting Limit
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P - Dual Column results percent difference > 40%
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E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20897** Instrument ID **ICPMS02** Method **SW6020**

MSD Sample ID **0611287-27AMSD** Units **mg/Kg** Analysis Date: **11/28/06 3:23**
Client ID: **SB41-06** Run ID **ICPMS02_061127A** SeqNo **1003781** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	2 591	0 45	9.009	0.3548	24.8	75-125	3.198	21	25	S
Arsenic	9 514	0 45	9.009	2 579	77	75-125	8.989	5 67	25	
Barium	197	0 45	9.009	185.3	130	75-125	128 8	41.9	25	SREO
Beryllium	7 994	0 45	9.009	0.6955	81	75-125	7.866	1.62	25	
Cadmium	8.204	0 45	9.009	0 8192	82	75-125	7 777	5 34	25	
Chromium	33 14	0 45	9.009	77.83	-496	75-125	21.01	44 8	25	SRO
Copper	22.26	0 45	9.009	28	-63.7	75-125	19 77	11.8	25	S
Lead	132 3	0 45	9.009	341 5	-2320	75-125	51.94	87.3	25	SRO
Nickel	16.3	0 45	9 009	8 894	104	75-125	15 43	17	25	
Selenium	7.186	0 45	9.009	0.7744	71.2	75-125	6 838	4 97	25	S
Silver	7.389	0 45	9.009	0.07513	81 2	75-125	7.303	1 18	25	
Thallium	7 077	0 45	9 009	0.217	76 2	75-125	7 18	1 44	25	
Zinc	89 35	0 45	9.009	100.4	-344	75-125	45 12	42 3	25	SRO

DUP Sample ID **0611287-27ADUP** Units **mg/Kg** Analysis Date. **11/28/06 3:06**
Client ID **SB41-06** Run ID **ICPMS02_061127A** SeqNo **1003778** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0 45	0	0	0	0-0	0.3548	0	25	
Arsenic	2.926	0 45	0	0	0	0-0	2.579	12.6	25	
Beryllium	0.7412	0 45	0	0	0	0-0	0.6955	6 36	25	
Cadmium	0.3377	0 45	0	0	0	0-0	0 8192	0	25	J
Chromium	14 8	0 45	0	0	0	0-0	77 83	136	25	R
Copper	11 16	0 45	0	0	0	0-0	28	86	25	R
Nickel	16 68	0 45	0	0	0	0-0	8.894	60 9	25	R
Selenium	0 7421	0 45	0	0	0	0-0	0.7744	4 27	25	
Silver	0 06839	0 45	0	0	0	0-0	0 07513	0	25	J
Thallium	0 1898	0.45	0	0	0	0-0	0.217	0	25	J
Zinc	34.62	0 45	0	0	0	0-0	100 4	97 4	25	R

DUP Sample ID **0611287-27ADUP** Units· **mg/Kg** Analysis Date: **11/29/06 0:02**
Client ID **SB41-06** Run ID **ICPMS02_061128A** SeqNo **1004249** Prep Date **11/21/2006** DF **100**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	200 5	45	0	0	0	0-0	-0 01886	200	25	R
Lead	49 51	45	0	0	0	0-0	-0 01266	200	25	R

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R - RPD outside accepted recovery limits
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B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20897** Instrument ID **ICPMS02** Method **SW6020**

PDS Sample ID **0611287-27ABS** Units: **mg/Kg** Analysis Date: **11/28/06 3:29**
Client ID **SB41-06** Run ID: **ICPMS02_061127A** SeqNo: **1003782** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	7 64	0 45	9 009	0 3548	80 9	75-125	0			
Arsenic	10 09	0 45	9 009	2.579	83 4	75-125	0			
Beryllium	7 239	0 45	9.009	0 6955	72 6	75-125	0			S
Cadmium	7 818	0 45	9 009	0 8192	77 7	75-125	0			
Chromium	84 41	0 45	9 009	77 83	73 1	75-125	0			SO
Copper	35 04	0 45	9 009	28	78 1	75-125	0			
Nickel	15.77	0 45	9 009	8 894	76 4	75-125	0			
Selenium	7 305	0 45	9.009	0 7744	72.5	75-125	0			S
Silver	7 316	0 45	9 009	0 07513	80 4	75-125	0			
Thallium	6 842	0 45	9.009	0.217	73 5	75-125	0			S
Zinc	106	0 45	9.009	100 4	63	75-125	0			SO

PDS Sample ID: **0611287-27ABS** Units: **mg/Kg** Analysis Date: **11/29/06 0:14**
Client ID **SB41-06** Run ID: **ICPMS02_061128A** SeqNo: **1004251** Prep Date: DF: **100**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	1044	45	900 9	0	116	75-125	0			
Lead	1259	45	900 9	0	140	75-125	0			S

SD Sample ID **0611287-27A DIL** Units: **mg/Kg** Analysis Date: **11/28/06 3:12**
Client ID **SB41-06** Run ID: **ICPMS02_061127A** SeqNo: **1003779** Prep Date: DF: **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	2.2	0	0	0	0-0	0.3548	0	10	
Arsenic	2 851	2 2	0	0	0	0-0	2 579	10 5	10	R
Beryllium	1 022	2 2	0	0	0	0-0	0.6955	0	10	J
Cadmium	1 088	2 2	0	0	0	0-0	0.8192	0	10	J
Chromium	83 74	2 2	0	0	0	0-0	77 83	7 59	10	
Copper	30 43	2 2	0	0	0	0-0	28	8 67	10	
Nickel	9 541	2.2	0	0	0	0-0	8 894	7.27	10	
Selenium	1.165	2.2	0	0	0	0-0	0 7744	0	10	J
Silver	0 1804	2 2	0	0	0	0-0	0 07513	0	10	J
Thallium	0 4941	2 2	0	0	0	0-0	0.217	0	10	J
Zinc	111.1	2 2	0	0	0	0-0	100 4	10 7	10	R

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20897** Instrument ID **ICPMS02** Method **SW6020**

SD Sample ID **0611287-27A DIL** Units **mg/Kg** Analysis Date. **11/29/06 0:08**

Client ID **SB41-06** Run ID **ICPMS02_061128A** SeqNo. **1004250** Prep Date. DF **500**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	191.3	220	0	0	0	0-0	-0.01886	0	10	J
Lead	396 3	220	0	0	0	0-0	-0.01266	0	10	

The following samples were analyzed in this batch: 0611287-27A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID 20940 Instrument ID Mercury Method SW7471A

MBLK Sample ID GBLKS2-112706 Units µg/Kg Analysis Date. 11/27/06 19:53
Client ID Run ID MERCURY_061128A SeqNo. 1003526 Prep Date 11/27/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	13								

LCS Sample ID GLCSS2-112706 Units µg/Kg Analysis Date 11/27/06 19:55
Client ID Run ID MERCURY_061128A SeqNo 1003527 Prep Date 11/27/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	352.7	13	333 3	0	106	85-115	0			

LCSD Sample ID GLCSDS2-112706 Units. µg/Kg Analysis Date 11/27/06 19:57
Client ID Run ID MERCURY_061128A SeqNo. 1003528 Prep Date: 11/27/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	362 7	13	333.3	0	109	85-115	352.7	2.8	20	

MS Sample ID 0611287-27AMS Units: µg/Kg Analysis Date 11/27/06 20:03
Client ID SB41-06 Run ID MERCURY_061128A SeqNo 1003531 Prep Date 11/27/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	352 8	13	327 9	38.63	95 8	85-115	0			

MSD Sample ID 0611287-27AMSD Units µg/Kg Analysis Date 11/27/06 20:05
Client ID SB41-06 Run ID MERCURY_061128A SeqNo. 1003532 Prep Date 11/27/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	361.9	13	328 4	38.63	98 4	85-115	352 8	2.55	20	

DUP Sample ID 0611287-27ADUP Units µg/Kg Analysis Date 11/27/06 20:01
Client ID SB41-06 Run ID. MERCURY_061128A SeqNo 1003530 Prep Date 11/27/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	37 91	13	0	0	0		38 63	1 86	20	

The following samples were analyzed in this batch:

0611287-01A	0611287-03A	0611287-05A
0611287-07A	0611287-09A	0611287-11A
0611287-13A	0611287-15A	0611287-17A
0611287-19A	0611287-21A	0611287-23A
0611287-25A	0611287-27A	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44066** Instrument ID **VOA1** Method **SW8260**

MBLK Sample ID **VBLKW-061120** Units µg/L Analysis Date **11/20/06 18:49**

Client ID Run ID **VOA1_061120A** SeqNo: **1000945** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
2-Butanone	U	10								
Benzene	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	5.0								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	5.0								
Chloroform	U	5.0								
Chloromethane	U	5.0								
cis-1,3-Dichloropropene	U	5.0								
Dichloromethane	U	10								
Ethylbenzene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								
Vinyl chloride	U	2.0								
Xylenes, Total	U	15								
Surr: 1,2-Dichloroethane-d4	*52.08*	5.0	*50*	0	*104*	*70-125*		0		
Surr: 4-Bromofluorobenzene	*56.81*	5.0	*50*	0	*114*	*72.4-125*		0		
Surr: Dibromofluoromethane	*51.66*	5.0	*50*	0	*103*	*71.2-125*		0		
Surr: Toluene-d8	*58.26*	5.0	*50*	0	*117*	*75-125*		0		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44066** Instrument ID **VOA1** Method: **SW8260**

LCS Sample ID **VLCSW-061120** Units: µg/L Analysis Date **11/20/06 17:28**
Client ID Run ID **VOA1_061120A** SeqNo **1000944** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	53.75	5.0	50	0	107	79.6-120	0			
1,1,2,2-Tetrachloroethane	49.27	5.0	50	0	98.5	78.9-121	0			
1,1,2-Trichloroethane	49.66	5.0	50	0	99.3	80-120	0			
1,1-Dichloroethane	49.76	5.0	50	0	99.5	74.2-122	0			
1,1-Dichloroethene	52.85	5.0	50	0	106	75.8-122	0			
1,2-Dichloroethane	50.26	5.0	50	0	101	78.8-120	0			
1,2-Dichloropropane	50.66	5.0	50	0	101	80-120	0			
2-Butanone	99.02	10	100	0	99	69.2-131	0			
Benzene	51.66	5.0	50	0	103	80-120	0			
Bromoform	49.54	5.0	50	0	99.1	78.1-120	0			
Bromomethane	50.24	5.0	50	0	100	52.8-147	0			
Carbon tetrachloride	54.32	5.0	50	0	109	76.8-120	0			
Chlorobenzene	50.14	5.0	50	0	100	80-120	0			
Chloroethane	47.98	5.0	50	0	96	74.2-120	0			
Chloroform	51.25	5.0	50	0	102	80-120	0			
Chloromethane	51.78	5.0	50	0	104	63.5-133	0			
cis-1,3-Dichloropropene	51.82	5.0	50	0	104	80-120	0			
Dichloromethane	49.33	10	50	0	98.7	74.7-120	0			
Ethylbenzene	51.15	5.0	50	0	102	80-120	0			
Tetrachloroethene	52.72	5.0	50	0	105	80-120	0			
Toluene	51.72	5.0	50	0	103	80-120	0			
trans-1,2-Dichloroethene	51.56	5.0	50	0	103	75.9-122	0			
trans-1,3-Dichloropropene	50.96	5.0	50	0	102	80-120	0			
Trichloroethene	52.68	5.0	50	0	105	80-120	0			
Vinyl chloride	53.69	2.0	50	0	107	76.2-121	0			
Xylenes, Total	153	15	150	0	102	80-120	0			
Surr: 1,2-Dichloroethane-d4	*53.77*	5.0	*50*	0	*108*	*70-125*	0			
Surr: 4-Bromofluorobenzene	*57.74*	5.0	*50*	0	*115*	*72.4-125*	0			
Surr: Dibromofluoromethane	*53.05*	5.0	*50*	0	*106*	*71.2-125*	0			
Surr: Toluene-d8	*58.98*	5.0	*50*	0	*118*	*75-125*	0			

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CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44066** Instrument ID **VOA1** Method: **SW8260**

MS Sample ID **0611326-02AMS** Units. µg/L Analysis Date **11/20/06 19:43**

Client ID Run ID **VOA1_061120A** SeqNo **1000947** Prep Date. DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	38.58	5.0	50	0	77.2	79.6-120	0			S
1,1,2,2-Tetrachloroethane	47.59	5 0	50	0	95.2	78.9-121	0			
1,1,2-Trichloroethane	49.34	5 0	50	0	98.7	80-120	0			
1,1-Dichloroethane	45 7	5 0	50	0	91 4	74.2-122	0			
1,1-Dichloroethene	35 41	5 0	50	0	70 8	75.8-122	0			S
1,2-Dichloroethane	49.13	5 0	50	0	98 3	78 8-120	0			
1,2-Dichloropropane	48 2	5.0	50	0	96 4	80-120	0			
2-Butanone	93.67	10	100	0	93 7	69 2-131	0			
Benzene	46 51	5.0	50	0	93	80-120	0			
Bromoform	49 13	5 0	50	0	98 3	78.1-120	0			
Bromomethane	43 08	5 0	50	0	86.2	52.8-147	0			
Carbon tetrachlonde	34.77	5 0	50	0	69.5	76.8-120	0			S
Chlorobenzene	45 01	5 0	50	0	90	80-120	0			
Chloroethane	38 96	5.0	50	0	77 9	74.2-120	0			
Chloroform	48 18	5 0	50	0	96 4	80-120	0			
Chloromethane	41.5	5 0	50	0	83	63 5-133	0			
cis-1,3-Dichloropropene	48 43	5.0	50	0	96 9	80-120	0			
Dichloromethane	46 49	10	50	0	93	74 7-120	0			
Ethylbenzene	42	5 0	50	0	84	80-120	0			
Tetrachloroethene	36 3	5 0	50	0	72.6	80-120	0			S
Toluene	44.36	5 0	50	0	88 7	80-120	0			
trans-1,2-Dichloroethene	43.14	5.0	50	0	86 3	75.9-122	0			
trans-1,3-Dichloropropene	49 74	5 0	50	0	99 5	80-120	0			
Trichloroethene	42 91	5 0	50	0	85.8	80-120	0			
Vinyl chloride	35 98	2.0	50	0	72	76.2-121	0			S
Xylenes, Total	128.3	15	150	0	85.5	80-120	0			
Surr 1,2-Dichloroethane-d4	*53 2*	5 0	*50*	0	*106*	*70-125*	0			
Surr 4-Bromofluorobenzene	*55 56*	5 0	*50*	0	*111*	*72 4-125*	0			
Surr Dibromofluoromethane	*52 25*	5 0	*50*	0	*105*	*71 2-125*	0			
Surr Toluene-d8	*57 26*	5 0	*50*	0	*115*	*75-125*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44066** Instrument ID **VOA1** Method **SW8260**

MSD Sample ID **0611325-02AMSD** Units **µg/L** Analysis Date: **11/20/06 20:11**

Client ID Run ID **VOA1_061120A** SeqNo. **1000948** Prep Date DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	40 36	5 0	50	0	80.7	79 6-120	38 58	4 51	20	
1,1,2,2-Tetrachloroethane	49.23	5.0	50	0	98.5	78 9-121	47.59	3 39	20	
1,1,2-Trichloroethane	50 6	5 0	50	0	101	80-120	49.34	2 52	20	
1,1-Dichloroethane	48 86	5 0	50	0	97 7	74.2-122	45 7	6 69	20	
1,1-Dichloroethene	40 15	5 0	50	0	80 3	75 8-122	35.41	12.5	20	
1,2-Dichloroethane	52 6	5 0	50	0	105	78 8-120	49 13	6 83	20	
1,2-Dichloropropane	51 53	5.0	50	0	103	80-120	48.2	6 67	20	
2-Butanone	101.1	10	100	0	101	69.2-131	93 67	7 61	20	
Benzene	49 13	5 0	50	0	98 3	80-120	46.51	5 48	20	
Bromoform	50 43	5.0	50	0	101	78 1-120	49 13	2 61	20	
Bromomethane	50.4	5 0	50	0	101	52 8-147	43.08	15.7	20	
Carbon tetrachloride	35 87	5 0	50	0	71 7	76.8-120	34.77	3 11	20	S
Chlorobenzene	48 06	5.0	50	0	96 1	80-120	45 01	6.56	20	
Chloroethane	44 12	5 0	50	0	88.2	74.2-120	38 96	12.4	20	
Chloroform	51 76	5 0	50	0	104	80-120	48.18	7 16	20	
Chloromethane	44 1	5 0	50	0	88 2	63 5-133	41 5	6 07	20	
cis-1,3-Dichloropropene	51 04	5 0	50	0	102	80-120	48 43	5 24	20	
Dichloromethane	48 99	10	50	0	98	74.7-120	46 49	5 22	20	
Ethylbenzene	44 55	5 0	50	0	89.1	80-120	42	5.9	20	
Tetrachloroethene	37.54	5 0	50	0	75 1	80-120	36.3	3 38	20	S
Toluene	47 15	5 0	50	0	94.3	80-120	44 36	6 11	20	
trans-1,2-Dichloroethene	47 25	5 0	50	0	94.5	75.9-122	43 14	9 11	20	
trans-1,3-Dichloropropene	51 52	5 0	50	0	103	80-120	49 74	3 52	20	
Trichloroethene	45.89	5.0	50	0	91 8	80-120	42.91	6 71	20	
Vinyl chloride	37 74	2.0	50	0	75 5	76.2-121	35 98	4 76	20	S
Xylenes, Total	136 6	15	150	0	91 1	80-120	128 3	6.29	20	
Surr: 1,2-Dichloroethane-d4	*55 23*	5 0	*50*	0	*110*	*70-125*	53 2	*3 74*	*20*	
Surr 4-Bromofluorobenzene	*57 18*	5 0	*50*	0	*114*	*72 4-125*	55.56	*2 88*	*20*	
Surr Dibromofluoromethane	*54 67*	5 0	*50*	0	*109*	*71 2-125*	52.25	*4 53*	*20*	
Surr Toluene-d8	*57 53*	5 0	*50*	0	*115*	*75-125*	57 26	*0 463*	*20*	

The following samples were analyzed in this batch: 0611287-29A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID. **R43941** Instrument ID **Balance1** Method. **E160.3**

DUP Sample ID **0611272-23ADUP** Units **wt%** Analysis Date: **11/16/06 0:00**
Client ID Run ID **BALANCE1_061116F** SeqNo: **998071** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	20.57	0.010	0	0	0	0-0	20.37	1.01	20	

DUP Sample ID **0611272-35ADUP** Units **wt%** Analysis Date: **11/16/06 0:00**
Client ID Run ID: **BALANCE1_061116F** SeqNo. **998078** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	17.14	0.010	0	0	0	0-0	16.94	1.22	20	

The following samples were analyzed in this batch:

0611287-01A	0611287-03A	0611287-05A
0611287-07A	0611287-09A	0611287-11A
0611287-13A	0611287-15A	0611287-17A
0611287-19A	0611287-21A	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R43969** Instrument ID **Balance1** Method **E160.3**

DUP Sample ID: **0611272-71ADUP** Units: **wt%** Analysis Date: **11/16/06 0:00**
Client ID Run ID **BALANCE1_061116A** SeqNo **998654** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	19.23	0.010	0	0	0	0-0	19.37	0.752	20	

DUP Sample ID **0611274-10CDUP** Units **wt%** Analysis Date: **11/16/06 0:00**
Client ID Run ID **BALANCE1_061116A** SeqNo **998661** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	18.08	0.010	0	0	0	0-0	18.28	1.14	20	

The following samples were analyzed in this batch: 0611287-23A 0611287-25A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611287
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: **R44085** Instrument ID **Balance1** Method **E160.3**

DUP Sample ID **0611287-27ADUP** Units: **wt%** Analysis Date: **11/20/06 0:00**
Client ID **SB41-06** Run ID: **BALANCE1_061120C** SeqNo **1001118** Prep Date DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	19 31	0 010	0	0	0	0-0	19 34	0 122	20	

DUP Sample ID: **0611317-26BDUP** Units: **wt%** Analysis Date: **11/20/06 0:00**
Client ID Run ID: **BALANCE1_061120C** SeqNo **1001132** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	18 65	0 010	0	0	0	0-0	19 27	3 26	20	

The following samples were analyzed in this batch: 0611287-27A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

MDLs & MQLs

Golder Associates, Inc.
CRI - Superfund
Work Order 0611287

e-Lab Analytical, Inc. **Date:** Dec 01, 2006

Test Code: 8260_TCL_W
Test Number: SW8260
Test Name: TCL Volatile Organics
Matrix: Aqueous **Units:** µg/L

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	1,1,1-Trichloroethane	71-55-6	0.6	5
A	1,1,2,2-Tetrachloroethane	79-34-5	1 5	5
A	1,1,2-Trichloroethane	79-00-5	0.5	5
A	1,1-Dichloroethane	75-34-3	0 5	5
A	1,1-Dichloroethene	75-35-4	0 6	5
A	1,2-Dichloroethane	107-06-2	0 5	5
A	1,2-Dichloropropane	78-87-5	0 7	5
A	2-Butanone	78-93-3	0.8	10
A	Benzene	71-43-2	0.6	5
A	Bromoform	75-25-2	0.8	5
A	Bromomethane	74-83-9	0.5	5
A	Carbon tetrachloride	56-23-5	0.6	5
A	Chlorobenzene	108-90-7	0 5	5
A	Chloroethane	75-00-3	0.6	5
A	Chloroform	67-66-3	0.5	5
A	Chloromethane	74-87-3	0.5	5
A	cis-1,3-Dichloropropene	10061-01-5	0.5	5
A	Dichloromethane	75-09-2	0.6	10
A	Ethylbenzene	100-41-4	0.5	5
A	Tetrachloroethene	127-18-4	0.5	5
A	Toluene	108-88-3	0.5	5
A	trans-1,2-Dichloroethene	156-60-5	0.6	5
A	trans-1,3-Dichloropropene	10061-02-6	0.5	5
A	Trichloroethene	79-01-6	0.7	5
A	Vinyl chloride	75-01-4	0.6	2
M	Xylenes, Total	1330-20-7	1.5	15
S	Surr: 1,2-Dichloroethane-d4	17060-07-0	0	5
S	Surr: 4-Bromofluorobenzene	460-00-4	0	5
S	Surr: Dibromofluoromethane	1868-53-7	0	5
S	Surr: Toluene-d8	2037-26-5	0	5

e-Lab Analytical, Inc.

Date: Dec 01, 2006

Test Code: HG_S
Test Number: SW7471A
Test Name: Mercury, Total
Matrix: Solid **Units:** µg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Mercury	7439-97-6	1.4	13.3

e-Lab Analytical, Inc. **Date:** Dec 01, 2006

Test Code: ICP_S_Low
Test Number: SW6020
Test Name: ICP Metals
Matrix: Solid **Units:** mg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Antimony	7440-36-0	0.14	0.5
A	Arsenic	7440-38-2	0.13	0.5
A	Barium	7440-39-3	0.07	0.5
A	Beryllium	7440-41-7	0.03	0.5
A	Cadmium	7440-43-9	0.03	0.5
A	Chromium	7440-47-3	0.07	0.5
A	Copper	7440-50-8	0.04	0.5
A	Lead	7439-92-1	0.09	0.5
A	Nickel	7440-02-0	0.08	0.5
A	Selenium	7782-49-2	0.19	0.5
A	Silver	7440-22-4	0.02	0.5
A	Thallium	7440-28-0	0.05	0.5
A	Zinc	7440-66-6	0.1	0.5

Test Code: ICP_TW
Test Number: SW6020
Test Name: ICP Metals, Total
Matrix: Aqueous **Units:** mg/L

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Antimony	7440-36-0	0.001	0.005
A	Arsenic	7440-38-2	0.0018	0.005
A	Barium	7440-39-3	0.0006	0 005
A	Beryllium	7440-41-7	0.0003	0.002
A	Cadmium	7440-43-9	0 00015	0.002
A	Chromium	7440-47-3	0.0005	0.005
A	Copper	7440-50-8	0.0003	0.005
A	Lead	7439-92-1	0 0002	0.005
A	Nickel	7440-02-0	0.0003	0.005
A	Selenium	7782-49-2	0.0017	0.005
A	Silver	7440-22-4	0 0002	0.005
A	Thallium	7440-28-0	0.0004	0.002
A	Zinc	7440-66-6	0.0015	0 005

e-Lab Analytical, Inc. **Date:** Dec 01, 2006

Test Code: MOISTURE
Test Number: E160.3
Test Name: Percent Moisture
Matrix: Soil **Units:** wt%

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Percent Moisture	MOIST	0.01	0.01

Golder Associates, Inc.

CRI Superfund

Work Order 0611291

The total number of pages in this document is _____

TABLE OF CONTENTS
Work Order 0611291

- TRRP Laboratory Data Package Cover Sheet
- TRRP Checklist
- Sample Summary Table
- Chain of Custody and Sample Receipt Checklist
- Analytical Report
- QC Batch Summary Report
- MDLs and MQLs
- Volatiles Raw Data
- Metals Raw Data
- Mercury Raw Data
- Moisture Raw Data

e-Lab Analytical, Inc. **Date:** *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**TRRP Laboratory Data Package Cover Page**
Project:	CRI-Superfund Wiley, Texas	
Work Order:	0611291	

This data package consists of all or some of the following as applicable:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation:

R2 Sample identification cross-reference

R3 Test reports (analytical data sheets) for each environmental sample that includes:
- a) Items consistent with NELAC 5.13 or ISO/IEC 17025 Section 5.10
- b) dilution factors,
- c) preparation methods,
- d) cleanup methods, and
- e) if required for the project, tentatively identified compounds (TICs).

R4 Surrogate recovery data including:
- a) Calculated recovery (%R), and
- b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms for laboratory control samples (LCSs) including:
- a) LCS spiking amounts,
- b) Calculated %R for each analyte, and
- c)The laboratory's LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
- a) Samples associated with the MS/MSD clearly identified,
- b) MS/MSD spiking amounts,
- c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
- d) Calculated %Rs and relative percent differences (RPDs), and
- e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) recovery and precision:
- a) the amount of analyte measured in the duplicate,
- b) the calculated RPD, and
- c) the laboratory's QC limits for analytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;?

R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release Statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exception reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratory in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data

Check, if applicable: [NA] This laboratory is an in-house laboratory controlled by the person responding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Patricia L. Lynch

Patricia L. Lynch

Project Manager

Laboratory Review Checklist: Reportable Data

Laboratory Name: e-Lab Analytical, Inc.	LRC Date: 12/15/2006
Project Name CRI Superfund Wiley	Laboratory Job Number. 0611291
Reviewer Name· Patricia L. Lynch	Prep Batch Number(s)· 20845, 20859, 20874, 20896, R43994, R44095, R44179 and R44204

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**CHAIN-OF-CUSTODY (C-O-C)**					
		1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				1
		2) Were all departures from standard conditions described in an exception report?	X				
R2	OI	**SAMPLE AND QUALITY CONTROL (QC) IDENTIFICATION**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**TEST REPORTS**					
		1) Were all samples prepared and analyzed within holding times?	X				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample quantitation limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	X				
		7) Was % moisture (or solids) reported for all soil and sediment samples?	X				
		8) If required for the project, TICs reported?			X		
R4	O	**SURROGATE RECOVERY DATA**					
		1) Were surrogates added prior to extraction?	X				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	**TEST REPORTS/SUMMMARY FORMS FOR BLANK SAMPLES**					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?	X				
R6	OI	**LABORATORY CONTROL SAMPLES (LCS):**					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	X				
		6) Was the LCSD RPD within QC limits?	X				
R7	OI	**MATRIX SPIKE (MS) AND MATRIX SPIKE DUPLICATE (MSD) DATA**					
		1) Were the project/method specified analytes included in the MS and MSD?	X				
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			2
		4) Were MS/MSD RPDs within laboratory QC limits?		X			3
R8	OI	**ANALYTICAL DUPLICATE DATA**					
		1) Were appropriate analytical duplicates analyzed for each matrix?	X				
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?		X			4
R9	OI	**METHOD QUANTITATION LIMITS (MQLS):**					
		1) Are the MQLs for each method analyte listed and included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs included in the laboratory data package?	X				
R10	OI	**OTHER PROBLEMS/ANOMALIES**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		2) Were all necessary corrective actions performed for the reported data?	X				
		3) If requested, is the justification for elevated SQLs documented?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted in o the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period

2 O = organic analyses, I = inorganic analyses (and general chemistry, when applicable),

3 NA = Not applicable,

4 NR = Not Reviewed,

5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked)

Laboratory Review Checklist: Supporting Data								
Laboratory Name. e-lab Analytical, Inc			LRC Date: 12/15/2006					
Project Name· CRI Superfund Wiley			Laboratory Job Number: 0611291					
Reviewer Name· Patricia L Lynch			Prep Batch Number(s). 20845, 20859, 20874, 20896, R43994, R44095, R44179 and R44204					
#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	INITIAL CALIBRATION (ICAL)					
		1) Were response factors (RFs) and/or relative response factors (RRFs) for each analyte within the QC limits?	X				
		2) Were percent RSDs or correlation coefficient criteria met?	X				
		3) Was the number of standards recommended in the method used for all analytes?	X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		5) Are ICAL data available for all instruments used?	X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	INITIAL AND CONTINUING CALIBRATION VERIFICATION (ICCV AND CCV) AND					
		1) Was the CCV analyzed at the method-required frequency?	X				
		2) Were percent differences for each analyte within the method-required QC limits?		X			5
		3) Was the ICAL curve verified for each analyte?	X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	MASS SPECTRAL TUNING:					
		1) Was the appropriate compound for the method used for tuning?	X				
		2) Were ion abundance data within the method-required QC limits?	X				
S4	O	INTERNAL STANDARDS (IS):					
		Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	RAW DATA (NELAC SECTION 1 APPENDIX A GLOSSARY, AND SECTION 5.12 OR					
		1) Were the raw data (e.g., chromatograms, spectral data) reviewed by an analyst?	X				
		2) Were data associated with manual integrations flagged on the raw data?	X				
S6	O	DUAL COLUMN CONFIRMATION					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	TENTATIVELY IDENTIFIED COMPOUNDS (TICS):					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	INTERFERENCE CHECK SAMPLE (ICS) RESULTS:					
		Were percent recoveries within method QC limits?	X				
S9	I	SERIAL DILUTIONS, POST DIGESTION SPIKES, AND METHOD OF STANDARD					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?		X			6
S10	OI	PROFICIENCY TEST REPORTS:					
		Are proficiency testing or inter-laboratory comparison results on file?	X				
S11	OI	METHOD DETECTION LIMIT (MDL) STUDIES					
		1) Was a MDL study performed for each reported analyte?	X				
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S12	OI	STANDARDS DOCUMENTATION					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	COMPOUND/ANALYTE IDENTIFICATION PROCEDURES					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	DEMONSTRATION OF ANALYST COMPETENCY (DOC)					
		1) Was DOC conducted consistent with NELAC 5C or ISO/IEC 4 2.2?	X				
		2) Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	VERIFICATION/VALIDATION DOCUMENTATION FOR METHODS					
		Are all the methods used to generate the data documented, verified, and validated, where applicable, (NELAC 5 10.2 or ISO/IEC 17025 Section 5.4.5)?	X				
S16	OI	LABORATORY STANDARD OPERATING PROCEDURES (SOPS):					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period
2 O = organic analyses, I = inorganic analyses (and general chemistry, when applicable)
3 NA = Not applicable
4 NR = Not Reviewed
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked)

Laboratory Review Checklist: Exception Report		
Laboratory Name: e-Lab Analytical, Inc.		LRC Date: 12/15/2006
Project Name. CRI Superfund Wiley		Laboratory Job Number 0611291
Reviewer Name. Patricia L Lynch		Prep Batch Number(s): 20845, 20859, 20874, 20896, R43994, R44095, R44179 and R44204
ER #[1]	DESCRIPTION	
1	Analyses were not specified on the chain-of-custody for samples SB-71-06, SB71-12 and SB71-18. Analyses were assigned based on the containers that were received.	
2	Batch 20845 Metals MS/MSD recoveries for numerous target elements are outside the control limits in sample SB72-06 due to matrix interference. Some of the data are also flagged with E and O due to the concentrations in the background sample.	
	Batch 20896 Metals MS/MSD recoveries for numerous target elements are outside the control limits in sample SB85-18 DS-18 from e-Lab work order 0611317 due to matrix interference. The data for Barium is flagged with O due to the concentration in the background sample.	
	Batch 20874 Mercury MS/MSD recoveries in sample SB72-06 are high due to matrix interference. The data is also flagged with O due to the concentration in the background sample.	
	Batch R44204 Volatiles MS/MSD recoveries for Trichloroethene are below the control limits. All other recoveries and all RPD's are in control.	
3	Batch 20845 Metals MS/MSD RPD's for Thallium and Zinc are above the control limits in sample SB72-06 due to matrix interference. Some of the data are also flagged with E and O due to the concentrations in the background sample.	
	Batch 20897 Metals MS/MSD RPD's for several of the target elements are above the control limits in sample SB41-06 due to matrix interference. Some of the data is flagged with O due to the concentrations in the background sample.	
4	Batch 20845 Metals Duplicate RPD's for numerous target elements are above the control limits in sample SB72-06 due to matrix interference.	
	Batch 20896 Metals Duplicate RPD's for Barium and Selenium are above the control limits in sample SB85-18 DS-18 from e-Lab work order 0611317 due to matrix interference.	
5	Batch R44179 CCV %D for Chloromethane is above the control limits. This compound was not detected in the associated samples.	

Laboratory Review Checklist: Exception Report		
Laboratory Name: e-Lab Analytical, Inc.		LRC Date: 12/15/2006
Project Name: CRI Superfund Wiley		Laboratory Job Number: 0611291
Reviewer Name. Patricia L. Lynch		Prep Batch Number(s): 20845, 20859, 20874, 20896, R43994, R44095, R44179 and R44204
ER #[1]	DESCRIPTION	
6	Batch 20845 Metals Post-Digestion Spike recovery for Zinc is below the control limits in sample SB72-06 due to matrix interference. The data is also flagged with O due to the concentration in the background sample.	
	Batch 20896 Metals Post-Digestion Spike recoveries for Barium and Zinc are below the control limits in sample SB85-18 DS-18 from e-Lab work order 0611317 due to matrix interference. The data for Barium is also flagged with O due to the concentration in the background sample.	
	Batch 20845 Metals Serial Dilution %D's for Copper and Zinc are above the control limits in sample SB72-06 due to matrix interference.	
	Batch 20896 Metals Serial Dilution %D's for Arsenic, Copper and Zinc are below the control limits in sample SB85-18 DS-18 from e-Lab work order 0611317 due to matrix interference.	

1 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

e-Lab Analytical, Inc. **Date:** *December 04, 2006*

CLIENT: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas
Work Order: **0611291**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
0611291-01	SB62-06	Soil		11/15/2006 10:05	11/16/2006 09:10	☐
0611291-02	SB62-12 (Archive)	Soil		11/15/2006 10:06	11/16/2006 09:10	☐
0611291-03	SB63-06	Soil		11/15/2006 10:09	11/16/2006 09:10	☐
0611291-04	SB63-12 (Archive)	Soil		11/15/2006 10:10	11/16/2006 09:10	☐
0611291-05	SB64-06	Soil		11/15/2006 10:12	11/16/2006 09:10	☐
0611291-06	SB64-12 (Archive)	Soil		11/15/2006 10:13	11/16/2006 09:10	☐
0611291-07	SB65-06	Soil		11/15/2006 10:16	11/16/2006 09:10	☐
0611291-08	SB65-12 (Archive)	Soil		11/15/2006 10:17	11/16/2006 09:10	☐
0611291-09	SB66-06	Soil		11/15/2006 10:19	11/16/2006 09:10	☐
0611291-10	SB66-12 (Archive)	Soil		11/15/2006 10:20	11/16/2006 09:10	☐
0611291-11	SB67-06	Soil		11/15/2006 10:30	11/16/2006 09:10	☐
0611291-12	SB67-12 (Archive)	Soil		11/15/2006 10:31	11/16/2006 09:10	☐
0611291-13	SB68-06	Soil		11/15/2006 10:34	11/16/2006 09:10	☐
0611291-14	SB68-12 (Archive)	Soil		11/15/2006 10.35	11/16/2006 09:10	☐
0611291-15	SB69-06	Soil		11/15/2006 12:40	11/16/2006 09:10	☐
0611291-16	SB69-12	Soil		11/15/2006 12:42	11/16/2006 09:10	☐
0611291-17	SB69-18	Soil		11/15/2006 12 44	11/16/2006 09:10	☐
0611291-18	SB69-24 (Archive)	Soil		11/15/2006 12:46	11/16/2006 09:10	☐
0611291-19	SB70-06	Soil		11/15/2006 13:02	11/16/2006 09:10	☐
0611291-20	SB70-12 (Archive)	Soil		11/15/2006 13:03	11/16/2006 09:10	☐
0611291-21	SB70-18	Soil		11/15/2006 13:00	11/16/2006 09 10	☐
0611291-22	SB70-24 (Archive)	Soil		11/15/2006 13:05	11/16/2006 09:10	☐
0611291-23	SB71-06	Soil		11/15/2006 13:12	11/16/2006 09:10	☐
0611291-24	SB71-12	Soil		11/15/2006 13:13	11/16/2006 09:10	☐
0611291-25	SB71-18	Soil		11/15/2006 13:14	11/16/2006 09:10	☐
0611291-26	SB71-24 (Archive)	Soil		11/15/2006 13:17	11/16/2006 09:10	☐
0611291-27	SB71-12 DS-11	Soil		11/15/2006 13:13	11/16/2006 09:10	☐
0611291-28	SB71-18 DS-12	Soil		11/15/2006 13:14	11/16/2006 09:10	☐
0611291-29	SB71-24 DS-13	Soil		11/15/2006 13:17	11/16/2006 09:10	☐
0611291-30	SB72-06	Soil		11/15/2006 13:32	11/16/2006 09:10	☐
0611291-31	SB72-12	Soil		11/15/2006 13:34	11/16/2006 09:10	☐
0611291-32	SB72-18	Soil		11/15/2006 13:35	11/16/2006 09.10	☐
0611291-33	SB72-24 (Archive)	Soil		11/15/2006 13:42	11/16/2006 09:10	☐
0611291-34	Trip Blank 1237	Water		11/15/2006 13:42	11/16/2006 09:10	☐

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Houston, Texas 77099
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Page 1 of 4

Holland, Michigan 49424
(Tel) 616 399.6070
(Fax) 616.399.6185

e-Lab Project Manager: | e-Lab Work Order #: 1[illegible]

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	IN 2 ICE CHESTS
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	
				F	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB62-06	11/15/06	1005	S		1		✓	✓								
2	↓ 12 (ARCHIVE)		1006			1		✓	✓								✓
3	SB63-06		1009			1		✓	✓								
4	↓ 12 (ARCHIVE)		1010			1		✓	✓								✓
5	SB64-06		1012			1		✓	✓								
6	12 (ARCHIVE)		1013			1		✓	✓								✓
7	SB65-06		1016			1		✓	✓								
8	12 (ARCHIVE)		1017			1		✓	✓								✓
9	SB66-06		1019			1		✓	✓								
10	12 (ARCHIVE)	↓	1020	↓		1		✓	✓								✓

Sampler(s) Please Print & Sign: JULIE WILEY [signature]

Shipment Method: FED EX

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other

Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Notes: 10 Day TAT
[signature]	11/15/06	1630		
Relinquished by:	Date:	Time:	Received by (Laboratory): [signature] 11/16/06 09:10	e-Lab Analytical Cooler ID / Cooler Temp.
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
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(Tel) 281.530 5656
(Fax) 281.530 5887

Page 2 of 4

Holland, Michigan 49424
(Tel) 616 399 6070
(Fax) 616 399.6185

e-Lab Project Manager: | e-Lab Work Order #: 1291

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pfitt	Invoice Attn	Jack Pfitt	D	IN 2 ICE CHESTS
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	
				F	5 DAY TAT n VOCs
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB67-06	11/15/06	1030	S		1		✓	✓								
2	↓ 12 (Archieve)		1031			1		✓	✓								✓
3	SB68-06		1034			1		✓	✓								
4	↓ 12 (Archieve)		1035			1		✓	✓								✓
5	SB69-06		1240			1		✓	✓								
6	12		1242			1		✓	✓								
7	18		1244			5	✓	✓	✓								
8	24 (Archieve)		1246			5	✓	✓	✓								✓
9	SB70-06		1302			1		✓	✓								
10	12	↓	1303	↓		1		✓	✓								✓

Sampler(s) Please Print & Sign: [signature] | Shipment Method: FED EX | Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ 3 WK Days ☐ 24 Hours ☐ Other | Results Due Date:

Relinquished by: [signature] | Date: 11/15/06 | Time: 1630 | Received by: | Notes: 10 Day TAT.

Relinquished by: | Date: | Time: | Received by (Laboratory): [signature] 11/16/06 09:10 | e-Lab Analytical Cooler ID | Cooler Temp.

Logged by (Laboratory): | Date: | Time: | Checked by (Laboratory):

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
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(Fax) 281.530 5887

Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399 6185

e-Lab Project Manager: | e-Lab Work Order #: 11/21/06

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc	Bill To Company	Golder Associates, Inc	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	IN 2 ICE CHESTS
				F	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	DS = duplicate sample
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	5-DAY TAT on LOG
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB70-18	11/15/06	1300	S		5	✓	✓	✓								
2	↓ 24 (ARCHIVE)		1305			5	✓	✓	✓								✓
3	SB71-06		1312			1											
4	12		1313			1											
5	18		1314			5											
6	24 (ARCHIVE)		1317			5											✓
7	SB71-12 DS-11		1313			1		✓	✓								
8	SB71-18 DS-12		1314			4	✓										
9	SB71-24 DS-13		1317			4	✓										✓
10	SB72-06		1332			1		✓	✓								

Sampler(s) Please Print & Sign: Julie Utley [signature]

Shipment Method: FED EX

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other

Results Due Date:

Relinquished by: [signature] Date: 11/15/06 Time: 1630

Received by:

Relinquished by: Date: Time:

Received by (Laboratory): [signature] 11/16/06 09:10

Logged by (Laboratory): Date: Time:

Checked by (Laboratory):

Notes: 10 Day TAT.

e-Lab Analytical Cooler ID | Cooler Temp.

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

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Holland, Michigan 49424
(Tel) 616 399.6070
(Fax) 616 399 6185

e-Lab Project Manager: | e-Lab Work Order #: 61291

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	IN 2 ICE CHESTS
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	
				F	MS = matrix spike
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	MD = matrix spike duplicate
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	5-DAY TAT ON VOCS
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB72-12	11/15/06	1334	S		1		✓	✓								
2	SB72-~~12~~ 06 MS-S9		1332			1		✓	✓								
3	↓ MD-S9		1332			1		✓	✓								
4	SB72-18		1335			5	✓	✓	✓								
5	SB72-18 MS-S10		1335			4	✓										
6	↓ MD-S10		1335			4	✓										
7	SB72-24 (ARCHIVE)		1342			5	✓	✓	✓								✓
8	~~SB72-24 MS-S11 (ARCHIVE)~~					~~4~~	✓										✓
9	~~SB72-24 MD-S11 (ARCHIVE)~~					~~4~~	✓										✓
10																	

Sampler(s) Please Print & Sign: Jule Wiley [signature]

Shipment Method: FED EX

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other

Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Notes: 10 Day TAT
[signature]	11/15/06	1630		
Relinquished by:	Date:	Time:	Received by (Laboratory): [signature] 11/15/06 09:16	e-Lab Analytical Cooler ID / Cooler Temp.
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

QC Package: (Check One Box Below)
- ☐ Level II Std QC
- ☐ Level III Std QC/Raw Data
- ☐ Level IV SW846/CLP
- ☐ Other _____
- ☑ TRRP CheckList
- ☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

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Sample Receipt Checklist

Client Name GOLDER-HOU — Date/Time Received: 11/16/2006 9:10:00 AM

Work Order Number 0611291 — Received by RNG

Checklist completed by [signature] Signature 11/16/06 Date — Reviewed by PLL Initials 11/17/06 Date

Matrix Soil — Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s) Thermometer(s)	2.2,3.1,2.4,2.1,3.4c 002		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑

Adjusted? — Checked by

Login Notes: Received one set of trip blanks not on COC; logged in without analysis. Analyses not specified on COC for Samples SB-71-06, SB71-12 + SB71-18. Assigned based on bottles received

Client contacted — Date contacted. — Person contacted

Contacted by — Regarding

Comments

Corrective Action

W.O. # 0611291

e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

QUALITY-INTEGRITY-SERVICE

CUSTODY SEAL 1257

Date: 11/15/2006 Time: 1630
Name: JULIE UTLEY
Company: GOLDER

Seal Broken By: RVG
Date: 11/16/06

e-Lab Analytical
10450 Stancliff Rd. Suite 210
Houston, Texas 77099
Phone: 281-530-5656 Fax: 281-530-5887

Client Golder
Project: Wylie, TX
Sample ID: CVS
Date: 11/15/06 Time: 1630
Collect By: JULIE UTLEY
Analysis: Metals, Moi
Preservative: Neat
SILVER
RVG 11/16/06

e-Lab Analytical
10450 Stancliff Rd. Suite 210
Houston, Texas 77099
Phone: 281-530-5656 Fax: 281-530-5887

Client Golder
Project: Wylie, TX
Sample ID: CVS
Date: 11/15/06
Collect By: JULIE UTLEY
Analysis: Metals, Moi
Preservative: Neat
RVG 11/16/06

0100

e-Lab Analytical, Inc
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

QUALITY-INTEGRITY-SERVICE

CUSTODY SEAL 1240

Date: 11/15/2006 Time: 1630
Name: JULIE UTLEY
Company: GOLDER

Seal Broken By: RVG
Date: 11/16/06

e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

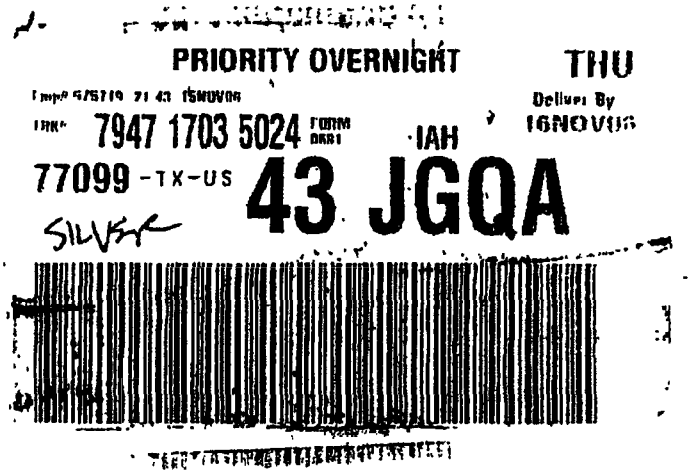
QUALITY-INTEGRITY-SERVICE

CUSTODY SEAL SILVER

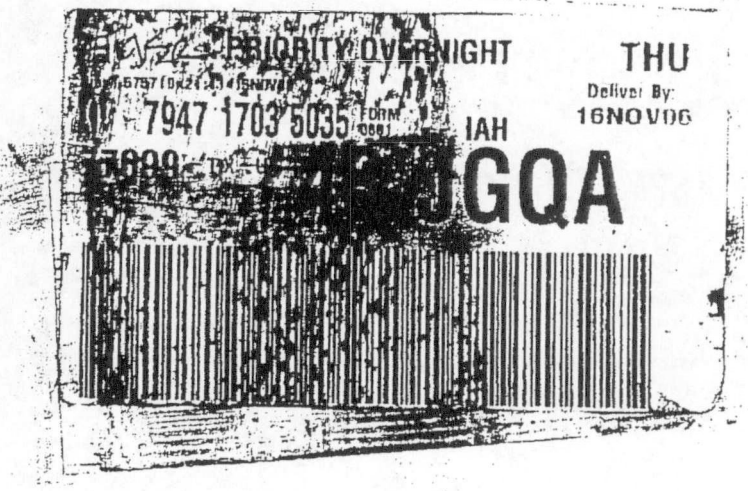
Date: 11/15/2006 Time: 1630
Name: JULIE UTLEY
Company: GOLDER

Seal Broken By: RVG
Date: 11/16/06

W.O.# 06129


PRIORITY OVERNIGHT
THU
Deliver By
16NOV05
TRK# 7947 1703 5024
IAH
77099 -TX-US
43 JGQA
SILVER

W.O.# 061129



emp# 430455 15NOV06

FedEx PRIORITY OVERNIGHT THU

Master 8586 6987 6757 FORM 0215

005/005 MPS# 7947 1703 5046 FORM 0681

Deliver By: 16NOV06

A2

IAH

77099 -TX -US 43 JGQA

1237

PRIORITY OVERNIGHT THU

7947 1703 5035 FORM 0681

Deliver By: 16NOV06

IAH

JGQA

11/15/06 FedEx Tracking Number 12 858669876757

Jack Pitt Phone 251 521-6865

Company Golder Associates

Address 500 Century Plaza Dr. Ste 190

Houston State TX ZIP 77073

Internal Billing Reference 063-4400 100

Analytical Report

Golder Associates, Inc.
CRI - Superfund
Work Order 0611291

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB62-06
Work Order:	0611291	**Collection Date:**	11/15/2006 10:05:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611291-01	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/20/06		Analyst: JCJ
Mercury	10.3	J	1.9	17.8	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/18/06		Analyst: ALR
Antimony	U		0.16	0.588	mg/Kg-dry	1	11/19/2006
Arsenic	4.51		0.16	0.588	mg/Kg-dry	1	11/19/2006
Barium	208		0.082	0.588	mg/Kg-dry	1	11/19/2006
Beryllium	0.824		0.035	0.588	mg/Kg-dry	1	11/19/2006
Cadmium	0.232	J	0.035	0.588	mg/Kg-dry	1	11/19/2006
Chromium	19.1		0.082	0.588	mg/Kg-dry	1	11/19/2006
Copper	16.6		0.047	0.588	mg/Kg-dry	1	11/19/2006
Lead	53.4		0.11	0.588	mg/Kg-dry	1	11/19/2006
Nickel	14.5		0.094	0.588	mg/Kg-dry	1	11/19/2006
Selenium	0.770		0.22	0.588	mg/Kg-dry	1	11/19/2006
Silver	U		0.024	0.588	mg/Kg-dry	1	11/19/2006
Thallium	0.196	J	0.059	0.588	mg/Kg-dry	1	11/19/2006
Zinc	114		0.12	0.588	mg/Kg-dry	1	11/19/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	25.4		0.010	0.0100	wt%	1	11/17/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB63-06
Work Order:	0611291	**Collection Date:**	11/15/2006 10:09:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611291-03	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/20/06		Analyst: JCJ
Mercury	16.2		1.7	16.2	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/18/06		Analyst: ALR
Antimony	U		0.16	0.560	mg/Kg-dry	1	11/19/2006
Arsenic	4.94		0.15	0.560	mg/Kg-dry	1	11/19/2006
Barium	219		7.8	56.0	mg/Kg-dry	100	11/20/2006
Beryllium	0.855		0.034	0.560	mg/Kg-dry	1	11/19/2006
Cadmium	0.324	J	0.034	0.560	mg/Kg-dry	1	11/19/2006
Chromium	31.5		0.078	0.560	mg/Kg-dry	1	11/19/2006
Copper	28.9		0.045	0.560	mg/Kg-dry	1	11/19/2006
Lead	99.9		0.10	0.560	mg/Kg-dry	1	11/19/2006
Nickel	17.7		0.090	0.560	mg/Kg-dry	1	11/19/2006
Selenium	0.808		0.21	0.560	mg/Kg-dry	1	11/19/2006
Silver	U		0.022	0.560	mg/Kg-dry	1	11/19/2006
Thallium	0.158	J	0.056	0.560	mg/Kg-dry	1	11/19/2006
Zinc	96.8		0.11	0.560	mg/Kg-dry	1	11/19/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	20.3		0.010	0.0100	wt%	1	11/17/2006

Qualifiers.

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB64-06
Work Order:	0611291	**Collection Date:**	11/15/2006 10:12:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611291-05	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/20/06		Analyst: JCJ
Mercury	44.8		1.7	16.2	µg/Kg-dry	1	11/21/2006
ICP METALS			Method SW6020		Prep SW3050A / 11/18/06		Analyst ALR
Antimony	1.26		0.16	0.583	mg/Kg-dry	1	11/19/2006
Arsenic	4.15		0.15	0.583	mg/Kg-dry	1	11/19/2006
Barium	355		8.2	58.3	mg/Kg-dry	100	11/20/2006
Beryllium	0.856		0.035	0.583	mg/Kg-dry	1	11/19/2006
Cadmium	0.915		0.036	0.583	mg/Kg-dry	1	11/19/2006
Chromium	121		0.082	0.583	mg/Kg-dry	1	11/19/2006
Copper	23.4		0.047	0.583	mg/Kg-dry	1	11/19/2006
Lead	380		10	58.3	mg/Kg-dry	100	11/20/2006
Nickel	18.7		0.093	0.583	mg/Kg-dry	1	11/19/2006
Selenium	0.903		0.22	0.583	mg/Kg-dry	1	11/19/2006
Silver	U		0.023	0.583	mg/Kg-dry	1	11/19/2006
Thallium	0.129	J	0.058	0.583	mg/Kg-dry	1	11/19/2006
Zinc	347		12	58.3	mg/Kg-dry	100	11/20/2006
PERCENT MOISTURE			Method E160.3				Analyst MAM
Percent Moisture	19.1		0.010	0.0100	wt%	1	11/17/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB65-06
Work Order:	0611291	**Collection Date:**	11/15/2006 10:16:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611291-07	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method	SW7471A		Prep SW7471A / 11/20/06		Analyst: JCJ
Mercury	175		1.7	15.8	µg/Kg-dry	1	11/21/2006
ICP METALS		Method	SW6020		Prep. SW3050A / 11/18/06		Analyst. ALR
Antimony	2.64		0.15	0.537	mg/Kg-dry	1	11/19/2006
Arsenic	3.98		0.14	0.537	mg/Kg-dry	1	11/19/2006
Barium	747		7.5	53.7	mg/Kg-dry	100	11/20/2006
Beryllium	0.716		0.032	0.537	mg/Kg-dry	1	11/19/2006
Cadmium	1.15		0.032	0.537	mg/Kg-dry	1	11/19/2006
Chromium	488		7.5	53.7	mg/Kg-dry	100	11/20/2006
Copper	99.9		0.043	0.537	mg/Kg-dry	1	11/19/2006
Lead	1,770		9.7	53.7	mg/Kg-dry	100	11/20/2006
Nickel	28.0		0.086	0.537	mg/Kg-dry	1	11/19/2006
Selenium	1.06		0.20	0.537	mg/Kg-dry	1	11/19/2006
Silver	U		0.021	0.537	mg/Kg-dry	1	11/19/2006
Thallium	0.115	J	0.054	0.537	mg/Kg-dry	1	11/19/2006
Zinc	1,030		11	53.7	mg/Kg-dry	100	11/20/2006
PERCENT MOISTURE		Method	E160.3				Analyst. MAM
Percent Moisture	16.8		0.010	0.0100	wt%	1	11/17/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB66-06
Work Order:	0611291	**Collection Date:**	11/15/2006 10:19:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611291-09	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method	**SW7471A**		Prep: SW7471A / 11/20/06		Analyst: **JCJ**
Mercury	**31.9**		**1.6**	**15.6**	**µg/Kg-dry**	1	11/21/2006
ICP METALS		Method:	**SW6020**		Prep: SW3050A / 11/18/06		Analyst: **ALR**
Antimony	**0.879**		**0.15**	**0.548**	**mg/Kg-dry**	1	11/19/2006
Arsenic	**4.06**		**0.14**	**0.548**	**mg/Kg-dry**	1	11/19/2006
Barium	**284**		**7.7**	**54.8**	**mg/Kg-dry**	100	11/20/2006
Beryllium	**0.754**		**0.033**	**0.548**	**mg/Kg-dry**	1	11/19/2006
Cadmium	**1.21**		**0.033**	**0.548**	**mg/Kg-dry**	1	11/19/2006
Chromium	**98.0**		**0.077**	**0.548**	**mg/Kg-dry**	1	11/19/2006
Copper	**20.2**		**0.044**	**0.548**	**mg/Kg-dry**	1	11/19/2006
Lead	**375**		**9.9**	**54.8**	**mg/Kg-dry**	100	11/20/2006
Nickel	**14.3**		**0.088**	**0.548**	**mg/Kg-dry**	1	11/19/2006
Selenium	**0.941**		**0.21**	**0.548**	**mg/Kg-dry**	1	11/19/2006
Silver	U		0.022	0.548	mg/Kg-dry	1	11/19/2006
Thallium	**0.127**	J	**0.055**	**0.548**	**mg/Kg-dry**	1	11/19/2006
Zinc	**274**		**11**	**54.8**	**mg/Kg-dry**	100	11/20/2006
PERCENT MOISTURE		Method	**E160.3**				Analyst: **MAM**
Percent Moisture	**15.5**		**0.010**	**0.0100**	**wt%**	1	11/17/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB67-06
Work Order:	0611291	**Collection Date:**	11/15/2006 10:30:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611291-11	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep: SW7471A / 11/20/06		Analyst: JCJ
Mercury	17.1		1.7	15.9	µg/Kg-dry	1	11/21/2006
ICP METALS			Method SW6020		Prep: SW3050A / 11/18/06		Analyst: ALR
Antimony	0.207	J	0.16	0.583	mg/Kg-dry	1	11/19/2006
Arsenic	4.82		0.16	0.583	mg/Kg-dry	1	11/19/2006
Barium	206		0.082	0.583	mg/Kg-dry	1	11/19/2006
Beryllium	0.883		0.036	0.583	mg/Kg-dry	1	11/19/2006
Cadmium	0.602		0.036	0.583	mg/Kg-dry	1	11/19/2006
Chromium	25.7		0.082	0.583	mg/Kg-dry	1	11/19/2006
Copper	13.8		0.047	0.583	mg/Kg-dry	1	11/19/2006
Lead	99.7		0.10	0.583	mg/Kg-dry	1	11/19/2006
Nickel	13.6		0.093	0.583	mg/Kg-dry	1	11/19/2006
Selenium	0.779		0.22	0.583	mg/Kg-dry	1	11/19/2006
Silver	U		0.023	0.583	mg/Kg-dry	1	11/19/2006
Thallium	0.127	J	0.058	0.583	mg/Kg-dry	1	11/19/2006
Zinc	99.1		0.12	0.583	mg/Kg-dry	1	11/19/2006
PERCENT MOISTURE			Method E160.3				Analyst: MAM
Percent Moisture	19.1		0.010	0.0100	wt%	1	11/17/2006

Qualifiers:

- U - Analyzed for but Not Detected
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB68-06
Work Order:	0611291	**Collection Date:**	11/15/2006 10:34:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611291-13	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/20/06		Analyst: JCJ
Mercury	17.2		1.7	16.3	µg/Kg-dry	1	11/21/2006
ICP METALS			Method SW6020		Prep: SW3050A / 11/18/06		Analyst ALR
Antimony	0.597		0.16	0.563	mg/Kg-dry	1	11/19/2006
Arsenic	4.21		0.16	0.563	mg/Kg-dry	1	11/19/2006
Barium	278		7.9	56.3	mg/Kg-dry	100	11/20/2006
Beryllium	0.631		0.034	0.563	mg/Kg-dry	1	11/19/2006
Cadmium	1.82		0.034	0.563	mg/Kg-dry	1	11/19/2006
Chromium	96.5		0.079	0.563	mg/Kg-dry	1	11/19/2006
Copper	20.8		0.045	0.563	mg/Kg-dry	1	11/19/2006
Lead	304		10	56.3	mg/Kg-dry	100	11/20/2006
Nickel	15.9		0.090	0.563	mg/Kg-dry	1	11/19/2006
Selenium	0.949		0.21	0.563	mg/Kg-dry	1	11/19/2006
Silver	U		0.023	0.563	mg/Kg-dry	1	11/19/2006
Thallium	0.143	J	0.056	0.563	mg/Kg-dry	1	11/19/2006
Zinc	346		11	56.3	mg/Kg-dry	100	11/20/2006
PERCENT MOISTURE			Method: E160.3				Analyst MAM
Percent Moisture	19.9		0.010	0.0100	wt%	1	11/17/2006

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB69-06
Work Order:	0611291	**Collection Date:**	11/15/2006 12:40:00 PM
Project:	CR1-Superfund Wiley, Texas		
Lab ID:	0611291-15	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method	**SW7471A**		Prep SW7471A / 11/20/06		Analyst: JCJ
Mercury	119		1.7	16.4	µg/Kg-dry	1	11/21/2006
ICP METALS		Method	**SW6020**		Prep SW3050A / 11/18/06		Analyst. ALR
Antimony	1.82		0.17	0.617	mg/Kg-dry	1	11/19/2006
Arsenic	4.95		0.16	0.617	mg/Kg-dry	1	11/19/2006
Barium	594		8.6	61.7	mg/Kg-dry	100	11/20/2006
Beryllium	0.700		0.037	0.617	mg/Kg-dry	1	11/19/2006
Cadmium	0.709		0.037	0.617	mg/Kg-dry	1	11/19/2006
Chromium	262		8.6	61.7	mg/Kg-dry	100	11/20/2006
Copper	58.9		0.049	0.617	mg/Kg-dry	1	11/19/2006
Lead	1,040		11	61.7	mg/Kg-dry	100	11/20/2006
Nickel	20.1		0.099	0.617	mg/Kg-dry	1	11/19/2006
Selenium	1.13		0.23	0.617	mg/Kg-dry	1	11/19/2006
Silver	U		0 025	0 617	mg/Kg-dry	1	11/19/2006
Thallium	0.143	J	0.062	0.617	mg/Kg-dry	1	11/19/2006
Zinc	618		12	61.7	mg/Kg-dry	100	11/20/2006
PERCENT MOISTURE		Method	**E160.3**				Analyst MAM
Percent Moisture	21.3		0.010	0.0100	wt%	1	11/17/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB69-12
Work Order:	0611291	**Collection Date:**	11/15/2006 12:42:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611291-16	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep: SW7471A / 11/20/06		Analyst JCJ
Mercury	12.9	J	1.7	16.2	µg/Kg-dry	1	11/21/2006
ICP METALS			Method SW6020		Prep SW3050A / 11/18/06		Analyst ALR
Antimony	U		0.15	0.532	mg/Kg-dry	1	11/19/2006
Arsenic	4.97		0.14	0.532	mg/Kg-dry	1	11/19/2006
Barium	139		0.074	0.532	mg/Kg-dry	1	11/19/2006
Beryllium	0.727		0.032	0.532	mg/Kg-dry	1	11/19/2006
Cadmium	0.209	J	0.032	0.532	mg/Kg-dry	1	11/19/2006
Chromium	10.3		0.074	0.532	mg/Kg-dry	1	11/19/2006
Copper	28.5		0.043	0.532	mg/Kg-dry	1	11/19/2006
Lead	25.0		0.096	0.532	mg/Kg-dry	1	11/19/2006
Nickel	9.32		0.085	0.532	mg/Kg-dry	1	11/19/2006
Selenium	0.844		0.20	0.532	mg/Kg-dry	1	11/19/2006
Silver	U		0.021	0.532	mg/Kg-dry	1	11/19/2006
Thallium	0.120	J	0.053	0.532	mg/Kg-dry	1	11/19/2006
Zinc	37.3		0.11	0.532	mg/Kg-dry	1	11/19/2006
PERCENT MOISTURE			Method E160.3				Analyst MAM
Percent Moisture	18.2		0.010	0.0100	wt%	1	11/17/2006

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S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB69-18
Work Order:	0611291	**Collection Date:**	11/15/2006 12:44:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611291-17	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep: SW7471A / 11/20/06		Analyst: JCJ
Mercury	**16.3**		**1.7**	**15.8**	**µg/Kg-dry**	1	11/21/2006
ICP METALS			Method SW6020		Prep: SW3050A / 11/18/06		Analyst: ALR
Antimony	U		0.16	0.568	mg/Kg-dry	1	11/19/2006
Arsenic	**3.48**		**0.15**	**0.568**	**mg/Kg-dry**	1	11/19/2006
Barium	**279**		**8.0**	**56.8**	**mg/Kg-dry**	100	11/20/2006
Beryllium	**0.762**		**0.034**	**0.568**	**mg/Kg-dry**	1	11/19/2006
Cadmium	**0.175**	J	**0.034**	**0.568**	**mg/Kg-dry**	1	11/19/2006
Chromium	**9.13**		**0.080**	**0.568**	**mg/Kg-dry**	1	11/19/2006
Copper	**6.56**		**0.045**	**0.568**	**mg/Kg-dry**	1	11/19/2006
Lead	**24.8**		**0.10**	**0.568**	**mg/Kg-dry**	1	11/19/2006
Nickel	**18.6**		**0.091**	**0.568**	**mg/Kg-dry**	1	11/19/2006
Selenium	**0.673**		**0.22**	**0.568**	**mg/Kg-dry**	1	11/19/2006
Silver	U		0.023	0.568	mg/Kg-dry	1	11/19/2006
Thallium	**0.144**	J	**0.057**	**0.568**	**mg/Kg-dry**	1	11/19/2006
Zinc	**21.2**		**0.11**	**0.568**	**mg/Kg-dry**	1	11/19/2006
TCL VOLATILE ORGANICS			Method SW8260				Analyst: HLBW
1,1,1-Trichloroethane	U		0.67	4.8	µg/Kg-dry	0.784	11/27/2006
1,1,2,2-Tetrachloroethane	U		0.48	4.8	µg/Kg-dry	0.784	11/27/2006
1,1,2-Trichloroethane	U		0.48	4.8	µg/Kg-dry	0.784	11/27/2006
1,1-Dichloroethane	U		0.77	4.8	µg/Kg-dry	0.784	11/27/2006
1,1-Dichloroethene	U		0.96	4.8	µg/Kg-dry	0.784	11/27/2006
1,2-Dichloroethane	U		0.58	4.8	µg/Kg-dry	0.784	11/27/2006
1,2-Dichloropropane	U		0.58	4.8	µg/Kg-dry	0.784	11/27/2006
2-Butanone	U		0.67	9.6	µg/Kg-dry	0.784	11/27/2006
Benzene	U		0.58	4.8	µg/Kg-dry	0.784	11/27/2006
Bromoform	U		0.48	9.6	µg/Kg-dry	0.784	11/27/2006
Bromomethane	U		0.96	9.6	µg/Kg-dry	0.784	11/27/2006
Carbon tetrachloride	U		0.96	4.8	µg/Kg-dry	0.784	11/27/2006
Chlorobenzene	U		0.67	4.8	µg/Kg-dry	0.784	11/27/2006
Chloroethane	U		1.5	9.6	µg/Kg-dry	0.784	11/27/2006
Chloroform	U		0.87	4.8	µg/Kg-dry	0.784	11/27/2006
Chloromethane	U		1.1	9.6	µg/Kg-dry	0.784	11/27/2006
cis-1,3-Dichloropropene	U		0.58	4.8	µg/Kg-dry	0.784	11/27/2006
Dichloromethane	U		2.9	9.6	µg/Kg-dry	0.784	11/27/2006
Ethylbenzene	U		0.77	4.8	µg/Kg-dry	0.784	11/27/2006
Tetrachloroethene	U		0.58	4.8	µg/Kg-dry	0.784	11/27/2006
Toluene	U		0.58	4.8	µg/Kg-dry	0.784	11/27/2006
trans-1,2-Dichloroethene	U		0.96	4.8	µg/Kg-dry	0.784	11/27/2006

Qualifiers:

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B - Analyte detected in the associated Method Blank
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S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB69-18
Work Order:	0611291	**Collection Date:**	11/15/2006 12:44:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611291-17	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.58	4.8	µg/Kg-dry	0.784	11/27/2006
Trichloroethene	U		0.58	4.8	µg/Kg-dry	0.784	11/27/2006
Vinyl chloride	U		0.58	1.9	µg/Kg-dry	0.784	11/27/2006
Xylenes, Total	U		1.4	14	µg/Kg-dry	0.784	11/27/2006
Surr: 1,2-Dichloroethane-d4	*99.6*			*70-128*	*%REC*	0.784	11/27/2006
Surr: 4-Bromofluorobenzene	*87.5*			*73-126*	*%REC*	0.784	11/27/2006
Surr: Dibromofluoromethane	*103*			*71-128*	*%REC*	0.784	11/27/2006
Surr: Toluene-d8	*99.0*			*73-127*	*%REC*	0.784	11/27/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst **MAM**
Percent Moisture	**18.6**		**0.010**	**0.0100**	**wt%**	1	11/17/2006

Qualifiers:

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB70-06
Work Order:	0611291	**Collection Date:**	11/15/2006 1 02:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611291-19	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep SW7471A / 11/20/06		Analyst JCJ
Mercury	125		1.7	16.8	µg/Kg-dry	1	11/21/2006
ICP METALS			Method SW6020		Prep. SW3050A / 11/18/06		Analyst. ALR
Antimony	0.170	J	0.15	0.524	mg/Kg-dry	1	11/19/2006
Arsenic	3.23		0.14	0.524	mg/Kg-dry	1	11/19/2006
Barium	183		0.073	0.524	mg/Kg-dry	1	11/19/2006
Beryllium	0.711		0.031	0.524	mg/Kg-dry	1	11/19/2006
Cadmium	0.201	J	0.031	0.524	mg/Kg-dry	1	11/19/2006
Chromium	14.8		0.073	0.524	mg/Kg-dry	1	11/19/2006
Copper	34.4		0.042	0.524	mg/Kg-dry	1	11/19/2006
Lead	60.8		0.094	0.524	mg/Kg-dry	1	11/19/2006
Nickel	12.0		0.084	0.524	mg/Kg-dry	1	11/19/2006
Selenium	0.735		0.20	0.524	mg/Kg-dry	1	11/19/2006
Silver	U		0 021	0 524	mg/Kg-dry	1	11/19/2006
Thallium	0.104	J	0.052	0.524	mg/Kg-dry	1	11/19/2006
Zinc	70.6		0.10	0.524	mg/Kg-dry	1	11/19/2006
PERCENT MOISTURE			Method E160.3				Analyst MAM
Percent Moisture	16.2		0.010	0.0100	wt%	1	11/17/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB70-18
Work Order:	0611291	**Collection Date:**	11/15/2006 1:00:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611291-21	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/21/06		Analyst: JCJ
Mercury	**37.7**		**1.7**	**15.8**	**µg/Kg-dry**	1	11/21/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/18/06		Analyst: ALR
Antimony	U		0.15	0.541	mg/Kg-dry	1	11/19/2006
Arsenic	**3.17**		**0.14**	**0.541**	**mg/Kg-dry**	1	11/19/2006
Barium	**173**		**0.076**	**0.541**	**mg/Kg-dry**	1	11/19/2006
Beryllium	**0.779**		**0.032**	**0.541**	**mg/Kg-dry**	1	11/19/2006
Cadmium	**0.108**	J	**0.032**	**0.541**	**mg/Kg-dry**	1	11/19/2006
Chromium	**11.6**		**0.076**	**0.541**	**mg/Kg-dry**	1	11/19/2006
Copper	**8.62**		**0.043**	**0.541**	**mg/Kg-dry**	1	11/19/2006
Lead	**24.6**		**0.097**	**0.541**	**mg/Kg-dry**	1	11/19/2006
Nickel	**13.7**		**0.087**	**0.541**	**mg/Kg-dry**	1	11/19/2006
Selenium	**0.823**		**0.21**	**0.541**	**mg/Kg-dry**	1	11/19/2006
Silver	U		0.022	0.541	mg/Kg-dry	1	11/19/2006
Thallium	**0.126**	J	**0.054**	**0.541**	**mg/Kg-dry**	1	11/19/2006
Zinc	**25.9**		**0.11**	**0.541**	**mg/Kg-dry**	1	11/19/2006
TCL VOLATILE ORGANICS			Method: SW8260				Analyst: HLBW
1,1,1-Trichloroethane	U		0.65	4.6	µg/Kg-dry	0.772	11/27/2006
1,1,2,2-Tetrachloroethane	U		0.46	4.6	µg/Kg-dry	0.772	11/27/2006
1,1,2-Trichloroethane	U		0.46	4.6	µg/Kg-dry	0.772	11/27/2006
1,1-Dichloroethane	U		0.74	4.6	µg/Kg-dry	0.772	11/27/2006
1,1-Dichloroethene	U		0.93	4.6	µg/Kg-dry	0.772	11/27/2006
1,2-Dichloroethane	U		0.56	4.6	µg/Kg-dry	0.772	11/27/2006
1,2-Dichloropropane	U		0.56	4.6	µg/Kg-dry	0.772	11/27/2006
2-Butanone	U		0.65	9.3	µg/Kg-dry	0.772	11/27/2006
Benzene	U		0.56	4.6	µg/Kg-dry	0.772	11/27/2006
Bromoform	U		0.46	9.3	µg/Kg-dry	0.772	11/27/2006
Bromomethane	U		0.93	9.3	µg/Kg-dry	0.772	11/27/2006
Carbon tetrachloride	U		0.93	4.6	µg/Kg-dry	0.772	11/27/2006
Chlorobenzene	U		0.65	4.6	µg/Kg-dry	0.772	11/27/2006
Chloroethane	U		1.5	9.3	µg/Kg-dry	0.772	11/27/2006
Chloroform	U		0.83	4.6	µg/Kg-dry	0.772	11/27/2006
Chloromethane	U		1.0	9.3	µg/Kg-dry	0.772	11/27/2006
cis-1,3-Dichloropropene	U		0.56	4.6	µg/Kg-dry	0.772	11/27/2006
Dichloromethane	U		2.8	9.3	µg/Kg-dry	0.772	11/27/2006
Ethylbenzene	U		0.74	4.6	µg/Kg-dry	0.772	11/27/2006
Tetrachloroethene	U		0.56	4.6	µg/Kg-dry	0.772	11/27/2006
Toluene	U		0.56	4.6	µg/Kg-dry	0.772	11/27/2006
trans-1,2-Dichloroethene	U		0.93	4.6	µg/Kg-dry	0.772	11/27/2006

Qualifiers:

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB70-18
Work Order:	0611291	**Collection Date:**	11/15/2006 1:00:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611291-21	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.56	4.6	µg/Kg-dry	0.772	11/27/2006
Trichloroethene	**4.4**	**J**	**0.56**	**4.6**	**µg/Kg-dry**	0.772	11/27/2006
Vinyl chloride	U		0.56	1.9	µg/Kg-dry	0.772	11/27/2006
Xylenes, Total	U		1.4	14	µg/Kg-dry	0.772	11/27/2006
Surr: 1,2-Dichloroethane-d4	*102*			*70-128*	*%REC*	0.772	11/27/2006
Surr: 4-Bromofluorobenzene	*90.1*			*73-126*	*%REC*	0.772	11/27/2006
Surr: Dibromofluoromethane	*102*			*71-128*	*%REC*	0.772	11/27/2006
Surr: Toluene-d8	*96.7*			*73-127*	*%REC*	0.772	11/27/2006
PERCENT MOISTURE		**Method:**	**E160.3**				**Analyst: MAM**
Percent Moisture	**16.7**		**0.010**	**0.0100**	**wt%**	1	11/17/2006

Qualifiers:

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB71-06
Work Order:	0611291	**Collection Date:**	11/15/2006 1:12:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611291-23	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/21/06		Analyst JCJ
Mercury	5,190		16	151	µg/Kg-dry	10	11/21/2006
ICP METALS			Method SW6020		Prep SW3050A / 11/18/06		Analyst ALR
Antimony	0.897		0.14	0.503	mg/Kg-dry	1	11/19/2006
Arsenic	3.56		0.13	0.503	mg/Kg-dry	1	11/19/2006
Barium	254		7.0	50.3	mg/Kg-dry	100	11/20/2006
Beryllium	0.579		0.030	0.503	mg/Kg-dry	1	11/19/2006
Cadmium	1.11		0.030	0.503	mg/Kg-dry	1	11/19/2006
Chromium	177		0.070	0.503	mg/Kg-dry	1	11/19/2006
Copper	133		0.040	0.503	mg/Kg-dry	1	11/19/2006
Lead	819		9.1	50.3	mg/Kg-dry	100	11/20/2006
Nickel	22.2		0.080	0.503	mg/Kg-dry	1	11/19/2006
Selenium	0.561		0.19	0.503	mg/Kg-dry	1	11/19/2006
Silver	0.265	J	0.020	0.503	mg/Kg-dry	1	11/19/2006
Thallium	0.0609	J	0.050	0.503	mg/Kg-dry	1	11/19/2006
Zinc	383		10	50.3	mg/Kg-dry	100	11/20/2006
PERCENT MOISTURE			Method E160.3				Analyst. MAM
Percent Moisture	12.8		0.010	0.0100	wt%	1	11/17/2006

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S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB71-18
Work Order:	0611291	**Collection Date:**	11/15/2006 1:14:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611291-25	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep: SW7471A / 11/21/06		Analyst: JCJ
Mercury	**29.6**		**1.7**	**16.3**	**µg/Kg-dry**	1	11/21/2006
ICP METALS		Method: SW6020			Prep: SW3050A / 11/18/06		Analyst: ALR
Antimony	U		0.16	0.570	mg/Kg-dry	1	11/19/2006
Arsenic	**2.70**		**0.15**	**0.570**	**mg/Kg-dry**	1	11/19/2006
Barium	**169**		**0.080**	**0.570**	**mg/Kg-dry**	1	11/19/2006
Beryllium	**0.790**		**0.034**	**0.570**	**mg/Kg-dry**	1	11/19/2006
Cadmium	**0.0770**	J	**0.034**	**0.570**	**mg/Kg-dry**	1	11/19/2006
Chromium	**11.1**		**0.080**	**0.570**	**mg/Kg-dry**	1	11/19/2006
Copper	**8.95**		**0.046**	**0.570**	**mg/Kg-dry**	1	11/19/2006
Lead	**26.6**		**0.10**	**0.570**	**mg/Kg-dry**	1	11/19/2006
Nickel	**9.43**		**0.091**	**0.570**	**mg/Kg-dry**	1	11/19/2006
Selenium	**0.718**		**0.22**	**0.570**	**mg/Kg-dry**	1	11/19/2006
Silver	U		0.023	0.570	mg/Kg-dry	1	11/19/2006
Thallium	**0.0990**	J	**0.057**	**0.570**	**mg/Kg-dry**	1	11/19/2006
Zinc	**25.5**		**0.11**	**0.570**	**mg/Kg-dry**	1	11/19/2006
TCL VOLATILE ORGANICS		Method: SW8260					Analyst: HLBW
1,1,1-Trichloroethane	U		0.67	4.8	µg/Kg-dry	0.774	11/25/2006
1,1,2,2-Tetrachloroethane	U		0.48	4.8	µg/Kg-dry	0.774	11/25/2006
1,1,2-Trichloroethane	U		0.48	4.8	µg/Kg-dry	0.774	11/25/2006
1,1-Dichloroethane	U		0.76	4.8	µg/Kg-dry	0.774	11/25/2006
1,1-Dichloroethene	U		0.95	4.8	µg/Kg-dry	0.774	11/25/2006
1,2-Dichloroethane	U		0.57	4.8	µg/Kg-dry	0.774	11/25/2006
1,2-Dichloropropane	U		0.57	4.8	µg/Kg-dry	0.774	11/25/2006
2-Butanone	U		0.67	9.5	µg/Kg-dry	0.774	11/25/2006
Benzene	U		0.57	4.8	µg/Kg-dry	0.774	11/25/2006
Bromoform	U		0.48	9.5	µg/Kg-dry	0.774	11/25/2006
Bromomethane	U		0.95	9.5	µg/Kg-dry	0.774	11/25/2006
Carbon tetrachloride	U		0.95	4.8	µg/Kg-dry	0.774	11/25/2006
Chlorobenzene	U		0.67	4.8	µg/Kg-dry	0.774	11/25/2006
Chloroethane	U		1.5	9.5	µg/Kg-dry	0.774	11/25/2006
Chloroform	U		0.86	4.8	µg/Kg-dry	0.774	11/25/2006
Chloromethane	U		1.0	9.5	µg/Kg-dry	0.774	11/25/2006
cis-1,3-Dichloropropene	U		0.57	4.8	µg/Kg-dry	0.774	11/25/2006
Dichloromethane	U		2.9	9.5	µg/Kg-dry	0.774	11/25/2006
Ethylbenzene	U		0.76	4.8	µg/Kg-dry	0.774	11/25/2006
Tetrachloroethene	U		0.57	4.8	µg/Kg-dry	0.774	11/25/2006
Toluene	U		0.57	4.8	µg/Kg-dry	0.774	11/25/2006
trans-1,2-Dichloroethene	U		0.95	4.8	µg/Kg-dry	0.774	11/25/2006

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB71-18
Work Order:	0611291	**Collection Date:**	11/15/2006 1:14:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611291-25	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.57	4.8	µg/Kg-dry	0.774	11/25/2006
Trichloroethene	**6.8**		**0.57**	**4.8**	**µg/Kg-dry**	0.774	11/25/2006
Vinyl chloride	U		0.57	1.9	µg/Kg-dry	0.774	11/25/2006
Xylenes, Total	U		1.4	14	µg/Kg-dry	0.774	11/25/2006
Surr: 1,2-Dichloroethane-d4	*106*			*70-128*	*%REC*	0.774	11/25/2006
Surr: 4-Bromofluorobenzene	*86.5*			*73-126*	*%REC*	0.774	11/25/2006
Surr: Dibromofluoromethane	*102*			*71-128*	*%REC*	0.774	11/25/2006
Surr: Toluene-d8	*95.7*			*73-127*	*%REC*	0.774	11/25/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst **MAM**
Percent Moisture	**18.8**		**0.010**	**0.0100**	**wt%**	1	11/17/2006

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P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB71-12 DS-11
Work Order:	0611291	**Collection Date:**	11/15/2006 1:13:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611291-27	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/21/06		Analyst: JCJ
Mercury	27.3		1.7	16.8	µg/Kg-dry	1	11/21/2006
ICP METALS			Method SW6020		Prep SW3050A / 11/18/06		Analyst: ALR
Antimony	1.30		0.15	0.541	mg/Kg-dry	1	11/19/2006
Arsenic	3.24		0.14	0.541	mg/Kg-dry	1	11/19/2006
Barium	170		7.6	54.1	mg/Kg-dry	100	11/20/2006
Beryllium	0.740		0.032	0.541	mg/Kg-dry	1	11/19/2006
Cadmium	0.298	J	0.032	0.541	mg/Kg-dry	1	11/19/2006
Chromium	168		0.076	0.541	mg/Kg-dry	1	11/19/2006
Copper	27.3		0.043	0.541	mg/Kg-dry	1	11/19/2006
Lead	397		9.7	54.1	mg/Kg-dry	100	11/20/2006
Nickel	13.2		0.087	0.541	mg/Kg-dry	1	11/19/2006
Selenium	0.917		0.21	0.541	mg/Kg-dry	1	11/19/2006
Silver	U		0.022	0.541	mg/Kg-dry	1	11/19/2006
Thallium	0.115	J	0.054	0.541	mg/Kg-dry	1	11/19/2006
Zinc	302		11	54.1	mg/Kg-dry	100	11/20/2006
PERCENT MOISTURE			Method E160.3				Analyst: MAM
Percent Moisture	17.6		0.010	0.0100	wt%	1	11/17/2006

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- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT: Golder Associates, Inc
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas
Lab ID: 0611291-28

Client Sample ID: SB71-18 DS-12
Collection Date: 11/15/2006 1.14 00 PM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		Method. **SW8260**					Analyst. **HLBW**
1,1,1-Trichloroethane	U		0.66	4.7	µg/Kg-dry	0 775	11/27/2006
1,1,2,2-Tetrachloroethane	U		0 47	4.7	µg/Kg-dry	0 775	11/27/2006
1,1,2-Trichloroethane	U		0 47	4.7	µg/Kg-dry	0 775	11/27/2006
1,1-Dichloroethane	U		0 76	4.7	µg/Kg-dry	0 775	11/27/2006
1,1-Dichloroethene	U		0.95	4 7	µg/Kg-dry	0.775	11/27/2006
1,2-Dichloroethane	U		0 57	4 7	µg/Kg-dry	0 775	11/27/2006
1,2-Dichloropropane	U		0.57	4.7	µg/Kg-dry	0.775	11/27/2006
2-Butanone	U		0 66	9 5	µg/Kg-dry	0.775	11/27/2006
Benzene	U		0.57	4.7	µg/Kg-dry	0 775	11/27/2006
Bromoform	U		0 47	9 5	µg/Kg-dry	0 775	11/27/2006
Bromomethane	U		0 95	9.5	µg/Kg-dry	0 775	11/27/2006
Carbon tetrachlonde	U		0 95	4 7	µg/Kg-dry	0 775	11/27/2006
Chlorobenzene	U		0.66	4 7	µg/Kg-dry	0 775	11/27/2006
Chloroethane	U		1.5	9 5	µg/Kg-dry	0 775	11/27/2006
Chloroform	U		0 85	4 7	µg/Kg-dry	0 775	11/27/2006
Chloromethane	U		1.0	9 5	µg/Kg-dry	0 775	11/27/2006
cis-1,3-Dichloropropene	U		0.57	4.7	µg/Kg-dry	0 775	11/27/2006
Dichloromethane	U		2.8	9 5	µg/Kg-dry	0 775	11/27/2006
Ethylbenzene	U		0 76	4.7	µg/Kg-dry	0.775	11/27/2006
Tetrachloroethene	U		0 57	4.7	µg/Kg-dry	0 775	11/27/2006
Toluene	U		0 57	4 7	µg/Kg-dry	0 775	11/27/2006
trans-1,2-Dichloroethene	U		0.95	4 7	µg/Kg-dry	0 775	11/27/2006
trans-1,3-Dichloropropene	U		0.57	4 7	µg/Kg-dry	0.775	11/27/2006
Trichloroethene	**9.4**		**0.57**	**4.7**	**µg/Kg-dry**	0 775	11/27/2006
Vinyl chlonde	U		0 57	1.9	µg/Kg-dry	0 775	11/27/2006
Xylenes, Total	U		1 4	14	µg/Kg-dry	0 775	11/27/2006
Surr 1,2-Dichloroethane-d4	*99 4*			*70-128*	*%REC*	0 775	11/27/2006
Surr 4-Bromofluorobenzene	*87 7*			*73-126*	*%REC*	0 775	11/27/2006
Surr Dibromofluoromethane	*104*			*71-128*	*%REC*	0 775	11/27/2006
Surr Toluene-d8	*97 2*			*73-127*	*%REC*	0.775	11/27/2006
PERCENT MOISTURE		Method **E160.3**					Analyst **MAM**
Percent Moisture	**18.2**		**0.010**	**0.0100**	**wt%**	1	11/17/2006

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc. **Date:** *December 04, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB72-06
Work Order:	0611291	**Collection Date:**	11/15/2006 1.32:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611291-30	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep. SW7471A / 11/21/06		Analyst. JCJ
Mercury	4,000		16	156	µg/Kg-dry	10	11/21/2006
ICP METALS		Method SW6020			Prep SW3050A / 11/18/06		Analyst ALR
Antimony	0.454	J	0.15	0.526	mg/Kg-dry	1	11/19/2006
Arsenic	3.03		0.14	0.526	mg/Kg-dry	1	11/19/2006
Barium	290		7.4	52.6	mg/Kg-dry	100	11/20/2006
Beryllium	0.688		0.032	0.526	mg/Kg-dry	1	11/19/2006
Cadmium	2.03		0.032	0.526	mg/Kg-dry	1	11/19/2006
Chromium	65.7		0.074	0.526	mg/Kg-dry	1	11/19/2006
Copper	19.8		0.042	0.526	mg/Kg-dry	1	11/19/2006
Lead	428		9.5	52.6	mg/Kg-dry	100	11/20/2006
Nickel	16.1		0.084	0.526	mg/Kg-dry	1	11/19/2006
Selenium	1.34		0.20	0.526	mg/Kg-dry	1	11/19/2006
Silver	U		0.021	0.526	mg/Kg-dry	1	11/19/2006
Thallium	0.171	J	0.053	0.526	mg/Kg-dry	1	11/19/2006
Zinc	112		0.11	0.526	mg/Kg-dry	1	11/19/2006
PERCENT MOISTURE		Method: E160.3					Analyst MAM
Percent Moisture	15.2		0.010	0.0100	wt%	1	11/17/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT: Golder Associates, Inc
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas
Lab ID: 0611291-31

Client Sample ID: SB72-12
Collection Date: 11/15/2006 1.34:00 PM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep. SW7471A / 11/21/06		Analyst: JCJ
Mercury	307		1.7	15.7	µg/Kg-dry	1	11/21/2006
ICP METALS		Method: SW6020			Prep SW3050A / 11/18/06		Analyst: ALR
Antimony	2.84		0.16	0.556	mg/Kg-dry	1	11/19/2006
Arsenic	2.66		0.14	0.556	mg/Kg-dry	1	11/19/2006
Barium	772		7.8	55.6	mg/Kg-dry	100	11/20/2006
Beryllium	0.658		0.033	0.556	mg/Kg-dry	1	11/19/2006
Cadmium	10.0		0.033	0.556	mg/Kg-dry	1	11/19/2006
Chromium	596		7.8	55.6	mg/Kg-dry	100	11/20/2006
Copper	104		0.045	0.556	mg/Kg-dry	1	11/19/2006
Lead	3,900		10	55.6	mg/Kg-dry	100	11/20/2006
Nickel	16.1		0.089	0.556	mg/Kg-dry	1	11/19/2006
Selenium	2.08		0.21	0.556	mg/Kg-dry	1	11/19/2006
Silver	0.0766	J	0.022	0.556	mg/Kg-dry	1	11/19/2006
Thallium	0.337	J	0.056	0.556	mg/Kg-dry	1	11/19/2006
Zinc	739		11	55.6	mg/Kg-dry	100	11/20/2006
PERCENT MOISTURE		Method: E160.3					Analyst: MAM
Percent Moisture	17.6		0.010	0.0100	wt%	1	11/17/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT: Golder Associates, Inc. **Client Sample ID:** SB72-18
Work Order: 0611291 **Collection Date:** 11/15/2006 1:35:00 PM
Project: CRI-Superfund Wiley, Texas
Lab ID: 0611291-32 **Matrix:** SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep. SW7471A / 11/21/06		Analyst JCJ
Mercury	293		1.7	16.0	µg/Kg-dry	1	11/21/2006
ICP METALS		Method: SW6020			Prep SW3050A / 11/18/06		Analyst ALR
Antimony	1.46		0.15	0.532	mg/Kg-dry	1	11/19/2006
Arsenic	2.37		0.14	0.532	mg/Kg-dry	1	11/19/2006
Barium	353		7.4	53.2	mg/Kg-dry	100	11/20/2006
Beryllium	0.698		0.032	0.532	mg/Kg-dry	1	11/19/2006
Cadmium	4.44		0.032	0.532	mg/Kg-dry	1	11/19/2006
Chromium	158		0.074	0.532	mg/Kg-dry	1	11/19/2006
Copper	30.2		0.043	0.532	mg/Kg-dry	1	11/19/2006
Lead	1,320		9.6	53.2	mg/Kg-dry	100	11/20/2006
Nickel	11.9		0.085	0.532	mg/Kg-dry	1	11/19/2006
Selenium	1.42		0.20	0.532	mg/Kg-dry	1	11/19/2006
Silver	0.0474	J	0.021	0.532	mg/Kg-dry	1	11/19/2006
Thallium	0.137	J	0.053	0.532	mg/Kg-dry	1	11/19/2006
Zinc	266		11	53.2	mg/Kg-dry	100	11/20/2006
TCL VOLATILE ORGANICS		Method SW8260					Analyst HLBW
1,1,1-Trichloroethane	U		0 69	4 9	µg/Kg-dry	0.808	11/27/2006
1,1,2,2-Tetrachloroethane	U		0 49	4.9	µg/Kg-dry	0 808	11/27/2006
1,1,2-Trichloroethane	U		0 49	4 9	µg/Kg-dry	0 808	11/27/2006
1,1-Dichloroethane	U		0.78	4 9	µg/Kg-dry	0 808	11/27/2006
1,1-Dichloroethene	U		0.98	4.9	µg/Kg-dry	0.808	11/27/2006
1,2-Dichloroethane	U		0.59	4.9	µg/Kg-dry	0 808	11/27/2006
1,2-Dichloropropane	U		0.59	4.9	µg/Kg-dry	0.808	11/27/2006
2-Butanone	U		0 69	9 8	µg/Kg-dry	0 808	11/27/2006
Benzene	U		0 59	4 9	µg/Kg-dry	0.808	11/27/2006
Bromoform	U		0 49	9 8	µg/Kg-dry	0 808	11/27/2006
Bromomethane	U		0 98	9 8	µg/Kg-dry	0 808	11/27/2006
Carbon tetrachlonde	U		0 98	4 9	µg/Kg-dry	0 808	11/27/2006
Chlorobenzene	U		0 69	4 9	µg/Kg-dry	0 808	11/27/2006
Chloroethane	U		1 6	9.8	µg/Kg-dry	0 808	11/27/2006
Chloroform	U		0.88	4.9	µg/Kg-dry	0 808	11/27/2006
Chloromethane	U		1 1	9 8	µg/Kg-dry	0 808	11/27/2006
cis-1,3-Dichloropropene	U		0 59	4 9	µg/Kg-dry	0 808	11/27/2006
Dichloromethane	U		2 9	9 8	µg/Kg-dry	0 808	11/27/2006
Ethylbenzene	U		0 78	4 9	µg/Kg-dry	0 808	11/27/2006
Tetrachloroethene	1.4	J	0.59	4.9	µg/Kg-dry	0 808	11/27/2006
Toluene	U		0 59	4.9	µg/Kg-dry	0 808	11/27/2006
trans-1,2-Dichloroethene	U		0 98	4.9	µg/Kg-dry	0 808	11/27/2006

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P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 04, 2006*

CLIENT: Golder Associates, Inc.
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas
Lab ID: 0611291-32

Client Sample ID: SB72-18
Collection Date: 11/15/2006 1.35:00 PM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.59	4.9	µg/Kg-dry	0.808	11/27/2006
Trichloroethene	**19**		**0.59**	**4.9**	**µg/Kg-dry**	0.808	11/27/2006
Vinyl chloride	U		0.59	2.0	µg/Kg-dry	0.808	11/27/2006
Xylenes, Total	U		1.5	15	µg/Kg-dry	0.808	11/27/2006
Surr 1,2-Dichloroethane-d4	*106*			*70-128*	*%REC*	0.808	11/27/2006
Surr 4-Bromofluorobenzene	*89.3*			*73-126*	*%REC*	0.808	11/27/2006
Surr Dibromofluoromethane	*109*			*71-128*	*%REC*	0.808	11/27/2006
Surr Toluene-d8	*98.3*			*73-127*	*%REC*	0.808	11/27/2006
PERCENT MOISTURE		**Method E160.3**					Analyst: **MAM**
Percent Moisture	**17.6**		**0.010**	**0.0100**	**wt%**	1	11/17/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

QC Batch Summary Report

Golder Associates, Inc.
CRI - Superfund
Work Order 0611291

Lab Order: 0611291
Client: Golder Associates, Inc
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611291-01A	SB62-06	11/15/2006 10 05 00 AM	Soil	ICP Metals		11/18/2006	20845	11/19/2006
				Mercury, Total		11/20/2006	20859	11/21/2006
				Percent Moisture			R43994	11/17/2006
0611291-03A	SB63-06	11/15/2006 10 09 00 AM		ICP Metals		11/18/2006	20845	11/19/2006
				ICP Metals		11/18/2006	20845	11/20/2006
				Mercury, Total		11/20/2006	20859	11/21/2006
				Percent Moisture			R43994	11/17/2006
0611291-05A	SB64-06	11/15/2006 10 12 00 AM		ICP Metals		11/18/2006	20845	11/19/2006
				ICP Metals		11/18/2006	20845	11/20/2006
				Mercury, Total		11/20/2006	20859	11/21/2006
				Percent Moisture			R43994	11/17/2006
0611291-07A	SB65-06	11/15/2006 10 16 00 AM		ICP Metals		11/18/2006	20845	11/19/2006
				ICP Metals		11/18/2006	20845	11/20/2006
				Mercury, Total		11/20/2006	20859	11/21/2006
				Percent Moisture			R43994	11/17/2006
0611291-09A	SB66-06	11/15/2006 10 19 00 AM		ICP Metals		11/18/2006	20845	11/19/2006
				ICP Metals		11/18/2006	20845	11/20/2006
				Mercury, Total		11/20/2006	20859	11/21/2006
				Percent Moisture			R43994	11/17/2006
0611291-11A	SB67-06	11/15/2006 10 30 00 AM		ICP Metals		11/18/2006	20845	11/19/2006
				Mercury, Total		11/20/2006	20859	11/21/2006
				Percent Moisture			R43994	11/17/2006
0611291-13A	SB68-06	11/15/2006 10 34 00 AM		ICP Metals		11/18/2006	20845	11/19/2006
				ICP Metals		11/18/2006	20845	11/20/2006
				Mercury, Total		11/20/2006	20859	11/21/2006
				Percent Moisture			R43994	11/17/2006
0611291-15A	SB69-06	11/15/2006 12 40 00 PM		ICP Metals		11/18/2006	20845	11/19/2006

Lab Order: 0611291
Client: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611291-15A	SB69-06	11/15/2006 12 40 00 PM	Soil	ICP Metals		11/18/2006	20845	11/20/2006
				Mercury, Total		11/20/2006	20859	11/21/2006
				Percent Moisture			R43994	11/17/2006
0611291-16A	SB69-12	11/15/2006 12 42 00 PM		ICP Metals		11/18/2006	20845	11/19/2006
				Mercury, Total		11/20/2006	20859	11/21/2006
				Percent Moisture			R43994	11/17/2006
0611291-17A	SB69-18	11/15/2006 12 44 00 PM		TCL Volatile Organics			R44204	11/27/2006
0611291-17B				ICP Metals		11/18/2006	20845	11/20/2006
				ICP Metals		11/18/2006	20845	11/19/2006
				Mercury, Total		11/20/2006	20859	11/21/2006
				Percent Moisture			R43994	11/17/2006
0611291-19A	SB70-06	11/15/2006 1 02 00 PM		ICP Metals		11/18/2006	20845	11/19/2006
				Mercury, Total		11/20/2006	20859	11/21/2006
				Percent Moisture			R43994	11/17/2006
0611291-21A	SB70-18	11/15/2006 1 00 00 PM		TCL Volatile Organics			R44204	11/27/2006
0611291-21B				ICP Metals		11/18/2006	20845	11/19/2006
				Mercury, Total		11/21/2006	20874	11/21/2006
				Percent Moisture			R43994	11/17/2006
0611291-23A	SB71-06	11/15/2006 1 12 00 PM		ICP Metals		11/18/2006	20845	11/19/2006
				ICP Metals		11/18/2006	20845	11/20/2006
				Mercury, Total		11/21/2006	20874	11/21/2006
				Percent Moisture			R43994	11/17/2006
0611291-24A	SB71-12	11/15/2006 1 13 00 PM		ICP Metals		11/21/2006	20896	11/28/2006
				ICP Metals		11/21/2006	20896	11/28/2006
				Mercury, Total		11/21/2006	20874	11/21/2006
				Percent Moisture			R44095	11/20/2006
0611291-25A	SB71-18	11/15/2006 1 14 00 PM		TCL Volatile Organics			R44179	11/25/2006

Lab Order: 0611291
Client: Golder Associates, Inc
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611291-25B	SB71-18	11/15/2006 1 14 00 PM	Soil	ICP Metals		11/18/2006	20845	11/19/2006
				Mercury, Total		11/21/2006	20874	11/21/2006
				Percent Moisture			R43994	11/17/2006
0611291-27A	SB71-12 DS-11	11/15/2006 1 13 00 PM		ICP Metals		11/18/2006	20845	11/19/2006
				ICP Metals		11/18/2006	20845	11/20/2006
				Mercury, Total		11/21/2006	20874	11/21/2006
				Percent Moisture			R43994	11/17/2006
0611291-28A	SB71-18 DS-12	11/15/2006 1 14 00 PM		Percent Moisture			R43994	11/17/2006
				TCL Volatile Organics			R44204	11/27/2006
0611291-30A	SB72-06	11/15/2006 1 32 00 PM		ICP Metals		11/18/2006	20845	11/20/2006
				ICP Metals		11/18/2006	20845	11/19/2006
				Mercury, Total		11/21/2006	20874	11/21/2006
				Percent Moisture			R43994	11/17/2006
0611291-31A	SB72-12	11/15/2006 1 34 00 PM		ICP Metals		11/18/2006	20845	11/19/2006
				ICP Metals		11/18/2006	20845	11/20/2006
				Mercury, Total		11/21/2006	20874	11/21/2006
				Percent Moisture			R43994	11/17/2006
0611291-32A	SB72-18	11/15/2006 1 35 00 PM		TCL Volatile Organics			R44204	11/27/2006
0611291-32B				ICP Metals		11/18/2006	20845	11/19/2006
				ICP Metals		11/18/2006	20845	11/20/2006
				Mercury, Total		11/21/2006	20874	11/21/2006
				Percent Moisture			R43994	11/17/2006

e-Lab Analytical, Inc.

CLIENT: Golder Associates, Inc.
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas

Date: *Dec 04 2006*

QC BATCH REPORT

Batch ID **20845** Instrument ID **ICPMS02** Method: **SW6020**

MBLK Sample ID **MBLKS2-111806** Units: **mg/Kg** Analysis Date **11/19/06 6:12**
Client ID Run ID: **ICPMS02_061118A** SeqNo **1000075** Prep Date **11/18/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.50								
Arsenic	U	0.50								
Beryllium	U	0.50								
Cadmium	U	0.50								
Copper	U	0.50								
Lead	U	0.50								
Selenium	U	0.50								
Silver	U	0.50								
Thallium	U	0.50								

MBLK Sample ID **MBLKS2-111806** Units **mg/Kg** Analysis Date: **11/21/06 12:42**
Client ID Run ID **ICPMS02_061121A** SeqNo. **1000973** Prep Date: **11/18/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	U	0.50								
Chromium	U	0.50								
Lead	U	0.50								
Nickel	U	0.50								
Zinc	U	0.50								

LCS Sample ID **MLCSS2-111806** Units **mg/Kg** Analysis Date **11/19/06 6:18**
Client ID Run ID **ICPMS02_061118A** SeqNo: **1000076** Prep Date **11/18/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	9.086	0.50	10	0	90.9	80-120		0		
Arsenic	9.283	0.50	10	0	92.8	80-120		0		
Beryllium	9.479	0.50	10	0	94.8	80-120		0		
Cadmium	9.856	0.50	10	0	98.6	80-120		0		
Copper	9.552	0.50	10	0	95.5	80-120		0		
Lead	10.14	0.50	10	0	101	80-120		0		
Selenium	8.942	0.50	10	0	89.4	80-120		0		
Silver	9.691	0.50	10	0	96.9	80-120		0		
Thallium	9.431	0.50	10	0	94.3	80-120		0		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20845** Instrument ID **ICPMS02** Method. **SW6020**

LCS Sample ID **MLCSS2-111806** Units: **mg/Kg** Analysis Date. **11/21/06 12:48**
Client ID Run ID **ICPMS02_061121A** SeqNo· **1000974** Prep Date. **11/18/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	11.92	0.50	10	0	119	80-120	0			
Chromium	10.09	0.50	10	0	101	80-120	0			
Lead	10.22	0.50	10	0	102	80-120	0			
Nickel	10.26	0.50	10	0	103	80-120	0			
Zinc	10.97	0.50	10	0	110	80-120	0			

MS Sample ID· **0611291-30AMS** Units **mg/Kg** Analysis Date **11/19/06 9:26**
Client ID **SB72-06** Run ID **ICPMS02_061118A** SeqNo. **1000103** Prep Date. **11/18/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	2.282	0.45	8.929	0 3847	21.3	75-125	0			S
Arsenic	9 652	0 45	8.929	2 57	79.3	75-125	0			
Barium	269.2	0 45	8.929	235.2	381	75-125	0			SEO
Beryllium	7.778	0.45	8.929	0 5837	80.6	75-125	0			
Cadmium	9.384	0 45	8.929	1 719	85 6	75-125	0			
Chromium	69 83	0 45	8.929	55 76	158	75-125	0			SO
Copper	29.33	0.45	8 929	16.82	140	75-125	0			S
Lead	380.4	0.45	8 929	291.3	997	75-125	0			SEO
Nickel	21 19	0 45	8 929	12.77	94 3	75-125	0			
Selenium	7 426	0.45	8.929	1 133	70 5	75-125	0			S
Silver	7.728	0 45	8.929	0.01496	86 4	75-125	0			
Thallium	5 538	0 45	8.929	0 1447	60 4	75-125	0			S
Zinc	125 6	0 45	8.929	95.09	342	75-125	0			SO

ND - Not Detected at the Reporting Limit
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O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20846** Instrument ID **ICPMS02** Method **SW6020**

MSD Sample ID **0611291-30AMSD** Units: **mg/Kg** Analysis Date: **11/19/06 9:32**
Client ID **SB72-06** Run ID **ICPMS02_061118A** SeqNo **1000104** Prep Date. **11/18/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	2 292	0 45	8 929	0.3847	21 4	75-125	2.282	0 429	25	S
Arsenic	10 17	0 45	8 929	2.57	86.1	75-125	9.652	5.23	25	
Barium	280.2	0 45	8 929	235.2	504	75-125	269.2	4	25	SEO
Beryllium	7.879	0 45	8.929	0 5837	81 7	75-125	7 778	1.3	25	
Cadmium	10 38	0 45	8.929	1 719	97	75-125	9.384	10	25	
Chromium	78 87	0 45	8.929	55 76	259	75-125	69 83	12.2	25	SO
Copper	32 84	0 45	8.929	16 82	179	75-125	29.33	11 3	25	S
Lead	392.1	0 45	8.929	291 3	1130	75-125	380 4	3 03	25	SEO
Nickel	26 74	0 45	8 929	12 77	156	75-125	21 19	23.2	25	S
Selenium	7 123	0.45	8.929	1 133	67 1	75-125	7 426	4.16	25	S
Silver	7 645	0 45	8.929	0.01496	85.5	75-125	7.728	1.08	25	
Thallium	7 153	0 45	8 929	0 1447	78.5	75-125	5.538	25 5	25	R
Zinc	200 2	0 45	8.929	95 09	1180	75-125	125 6	45 8	25	SREO

DUP Sample ID **0611291-30ADUP** Units **mg/Kg** Analysis Date **11/19/06 9:15**
Client ID **SB72-06** Run ID **ICPMS02_061118A** SeqNo **1000101** Prep Date **11/18/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.4471	0 45	0	0	0	0-0	0 3847	15	25	
Arsenic	2.203	0 45	0	0	0	0-0	2.57	15 4	25	
Beryllium	0.5762	0 45	0	0	0	0-0	0 5837	1.28	25	
Cadmium	1.274	0 45	0	0	0	0-0	1 719	29 7	25	R
Chromium	65 94	0 45	0	0	0	0-0	55 76	16 7	25	
Copper	26.48	0 45	0	0	0	0-0	16.82	44.6	25	R
Nickel	10.54	0 45	0	0	0	0-0	12.77	19.1	25	
Selenium	0 8329	0 45	0	0	0	0-0	1.133	30 5	25	R
Silver	0 03788	0 45	0	0	0	0-0	0.01496	0	25	J
Thallium	0 1024	0 45	0	0	0	0-0	0 1447	0	25	J
Zinc	135 6	0 45	0	0	0	0-0	95 09	35 1	25	R

DUP Sample ID **0611291-30ADUP** Units **mg/Kg** Analysis Date **11/20/06 20:49**
Client ID **SB72-06** Run ID **ICPMS02_061120A** SeqNo **1000623** Prep Date **11/18/2006** DF. **100**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	189.9	45	0	0	0	0-0	246.3	25 9	25	R
Lead	316.2	45	0	0	0	0-0	383 4	13 9	25	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: **20845** Instrument ID **ICPMS02** Method **SW6020**

PDS Sample ID **0611291-30ABS** Units **mg/Kg** Analysis Date: **11/19/06 9:38**
Client ID **SB72-06** Run ID **ICPMS02_061118A** SeqNo **1000105** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	8.23	0.45	8.929	0.3847	87.9	75-125		0		
Arsenic	10.46	0.45	8.929	2.57	88.4	75-125		0		
Beryllium	8.273	0.45	8.929	0.5837	86.1	75-125		0		
Cadmium	9.661	0.45	8.929	1.719	88.9	75-125		0		
Chromium	82.58	0.45	8.929	55.76	76.4	75-125		0		O
Copper	24.47	0.45	8.929	16.82	85.7	75-125		0		
Nickel	20.33	0.45	8.929	12.77	84.7	75-125		0		
Selenium	8.371	0.45	8.929	1.133	81.1	75-125		0		
Silver	7.941	0.45	8.929	0.01496	88.8	75-125		0		
Thallium	7.112	0.45	8.929	0.1447	78	75-125		0		
Zinc	100.8	0.45	8.929	95.09	64	75-125		0		SO

PDS Sample ID **0611291-30ABS** Units **mg/Kg** Analysis Date: **11/20/06 21:01**
Client ID **SB72-06** Run ID **ICPMS02_061120A** SeqNo **1000704** Prep Date DF: **100**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	1088	45	892.9	235.2	95.6	75-125		0		
Lead	1201	45	892.9	291.3	102	75-125		0		

SD Sample ID **0611291-30A DIL** Units: **mg/Kg** Analysis Date: **11/19/06 9:21**
Client ID: **SB72-06** Run ID: **ICPMS02_061118A** SeqNo **1000102** Prep Date: DF **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	2.2	0	0	0	0-0	0.3847	0	10	
Arsenic	2.785	2.2	0	0	0	0-0	2.57	8.39	10	
Beryllium	0.5554	2.2	0	0	0	0-0	0.5837	0	10	J
Cadmium	1.779	2.2	0	0	0	0-0	1.719	0	10	J
Chromium	59.69	2.2	0	0	0	0-0	55.76	7.05	10	
Copper	18.52	2.2	0	0	0	0-0	16.82	10.1	10	R
Nickel	13.87	2.2	0	0	0	0-0	12.77	8.64	10	
Selenium	U	2.2	0	0	0	0-0	1.133	0	10	
Silver	U	2.2	0	0	0	0-0	0.01496	0	10	
Thallium	U	2.2	0	0	0	0-0	0.1447	0	10	
Zinc	108.4	2.2	0	0	0	0-0	95.09	14	10	R

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20845** Instrument ID **ICPMS02** Method **SW6020**

SD Sample ID **0611291-30A DIL** Units **mg/Kg** Analysis Date **11/20/06 20:55**

Client ID **SB72-06** Run ID **ICPMS02_061120A** SeqNo **1000625** Prep Date DF **500**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	249.9	220	0	0	0	0-0	246.3	1.45	10	
Lead	383.2	220	0	0	0	0-0	363.4	5.44	10	

The following samples were analyzed in this batch:

0611291-01A	0611291-03A	0611291-05A
0611291-07A	0611291-09A	0611291-11A
0611291-13A	0611291-15A	0611291-16A
0611291-17B	0611291-19A	0611291-21B
0611291-23A	0611291-25B	0611291-27A
0611291-30A	0611291-31A	0611291-32B

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID 20859 Instrument ID Mercury Method SW7471A

MBLK Sample ID GBLKS2-112006 Units µg/Kg Analysis Date 11/21/06 17:15
Client ID Run ID MERCURY_061121B SeqNo 1001331 Prep Date 11/20/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	13								

LCS Sample ID GLCSS2-112006 Units µg/Kg Analysis Date 11/21/06 17:17
Client ID Run ID MERCURY_061121B SeqNo 1001332 Prep Date 11/20/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	311 3	13	333 3	0	93 4	85-115		0		

LCSD Sample ID GLCSDS2-112006 Units µg/Kg Analysis Date 11/21/06 17:19
Client ID Run ID MERCURY_061121B SeqNo 1001333 Prep Date 11/20/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	304.7	13	333 3	0	91 4	85-115	311.3	2 16	20	

MS Sample ID 0611271-10AMS Units µg/Kg Analysis Date 11/21/06 17:25
Client ID Run ID MERCURY_061121B SeqNo 1001336 Prep Date 11/20/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	302.6	13	326 8	7 776	90 2	85-115		0		

MSD Sample ID 0611271-10AMSD Units µg/Kg Analysis Date 11/21/06 17:27
Client ID Run ID MERCURY_061121B SeqNo 1001337 Prep Date 11/20/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	308 8	13	325 7	7 776	92 4	85-115	302 6	2 02	20	

DUP Sample ID 0611271-10ADUP Units µg/Kg Analysis Date 11/21/06 17:23
Client ID Run ID MERCURY_061121B SeqNo 1001335 Prep Date 11/20/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	6 645	13	0	0	0		7 776	0	20	J

The following samples were analyzed in this batch:

0611291-01A	0611291-03A	0611291-05A
0611291-07A	0611291-09A	0611291-11A
0611291-13A	0611291-15A	0611291-16A
0611291-17B	0611291-19A	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20874** Instrument ID **Mercury** Method. **SW7471A**

MBLK Sample ID **GBLKS1-112106** Units **µg/Kg** Analysis Date: **11/21/06 18:42**
Client ID Run ID **MERCURY_061121C** SeqNo **1001391** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	13								

LCS Sample ID **GLCSS1-112106** Units: **µg/Kg** Analysis Date: **11/21/06 18:44**
Client ID Run ID: **MERCURY_061121C** SeqNo: **1001392** Prep Date **11/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	334	13	333 3	0	100	85-115	0			

LCSD Sample ID: **GLCSDS1-112106** Units: **µg/Kg** Analysis Date. **11/21/06 18:46**
Client ID Run ID **MERCURY_061121C** SeqNo: **1001394** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	324	13	333 3	0	97.2	85-115	334	3 04	20	

MS Sample ID **0611291-30AMS** Units: **µg/Kg** Analysis Date: **11/21/06 20:08**
Client ID **SB72-06** Run ID **MERCURY_061121C** SeqNo **1001426** Prep Date **11/21/2006** DF **10**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	4126	130	330 6	3397	220	85-115	0			SO

MSD Sample ID **0611291-30AMSD** Units: **µg/Kg** Analysis Date **11/21/06 20:10**
Client ID **SB72-06** Run ID: **MERCURY_061121C** SeqNo **1001427** Prep Date **11/21/2006** DF: **10**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	4078	130	326 3	3397	209	85-115	4126	1 15	20	SO

DUP Sample ID **0611291-30ADUP** Units. **µg/Kg** Analysis Date: **11/21/06 20:06**
Client ID **SB72-06** Run ID **MERCURY_061121C** SeqNo **1001425** Prep Date **11/21/2006** DF **10**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	3368	130	0	0	0		3397	0 855	20	

The following samples were analyzed in this batch:

0611291-21B	0611291-23A	0611291-24A
0611291-25B	0611291-27A	0611291-30A
0611291-31A	0611291-32B	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20896** Instrument ID **ICPMS02** Method: **SW6020**

MBLK Sample ID **MBLKS1-112106** Units: **mg/Kg** Analysis Date: **11/27/06 23:29**
Client ID Run ID **ICPMS02_061127A** SeqNo **1003648** Prep Date **11/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.50								
Arsenic	0.1567	0.50								J
Beryllium	0.07298	0.50								J
Copper	0.05799	0.50								J
Selenium	U	0.50								
Silver	0.03124	0.50								J

MBLK Sample ID **MBLKS1-112106** Units: **mg/Kg** Analysis Date: **11/28/06 22:15**
Client ID Run ID **ICPMS02_061128A** SeqNo **1004224** Prep Date: **11/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	U	0.50								
Cadmium	U	0.50								
Chromium	U	0.50								
Lead	U	0.50								
Nickel	U	0.50								
Thallium	U	0.50								
Zinc	0.3441	0.50								J

LCS Sample ID **MLCSS1-112106** Units: **mg/Kg** Analysis Date: **11/27/06 23:35**
Client ID Run ID **ICPMS02_061127A** SeqNo **1003649** Prep Date: **11/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	8.84	0.50	10	0	88.4	80-120	0			
Arsenic	8.804	0.50	10	0	88	80-120	0			
Beryllium	8.764	0.50	10	0	87.6	80-120	0			
Copper	9.267	0.50	10	0	92.7	80-120	0			
Selenium	8.711	0.50	10	0	87.1	80-120	0			
Silver	9.382	0.50	10	0	93.8	80-120	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: 20896 Instrument ID ICPMS02 Method SW6020

LCS Sample ID MLCSS1-112106 Units: mg/Kg Analysis Date: 11/28/06 22:21
Client ID Run ID ICPMS02_061128A SeqNo 1004225 Prep Date 11/21/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	9.579	0.50	10	0	95.8	80-120	0			
Cadmium	9 753	0.50	10	0	97 5	80-120	0			
Chromium	9 683	0 50	10	0	96.8	80-120	0			
Lead	9.997	0 50	10	0	100	80-120	0			
Nickel	9 843	0.50	10	0	98 4	80-120	0			
Thallium	9 085	0.50	10	0	90 8	80-120	0			
Zinc	9.704	0 50	10	0	97	80-120	0			

MS Sample ID 0611317-26BMS Units mg/Kg Analysis Date 11/27/06 23:58
Client ID Run ID: ICPMS02_061127A SeqNo: 1003653 Prep Date 11/21/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	5 897	0 45	8 929	0 04886	63 3	75-125	0			S
Arsenic	9.652	0 45	8 929	2.662	78.3	75-125	0			
Barium	109 6	0 45	8.929	68 14	465	75-125	0			SO
Beryllium	8 463	0 45	8.929	0 6694	87.3	75-125	0			
Cadmium	8 537	0 45	8 929	0 1187	94.3	75-125	0			
Chromium	16.95	0 45	8.929	8.352	96 3	75-125	0			
Copper	12 76	0 45	8 929	5.073	86 1	75-125	0			
Lead	26.64	0 45	8 929	18 4	92 3	75-125	0			
Nickel	19 37	0 45	8 929	8.991	116	75-125	0			
Selenium	7 908	0 45	8 929	0 5086	82 9	75-125	0			
Silver	8.262	0.45	8.929	0.07883	91 7	75-125	0			
Thallium	7 924	0.45	8 929	0.2044	86 5	75-125	0			
Zinc	29	0 45	8 929	20 38	96.5	75-125	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20896** Instrument ID **ICPMS02** Method **SW6020**

MSD Sample ID **0611317-26BMSD** Units **mg/Kg** Analysis Date: **11/28/06 0:04**
Client ID Run ID **ICPMS02_061127A** SeqNo **1003654** Prep Date. **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	4.996	0.45	8.929	0.04886	55.4	75-125	5.697	13.1	25	S
Arsenic	9.366	0.45	8.929	2.662	75.1	75-125	9.652	3	25	
Barium	130.5	0.45	8.929	68.14	699	75-125	109.6	17.4	25	SO
Beryllium	7.9	0.45	8.929	0.6694	81	75-125	8.463	6.89	25	
Cadmium	7.835	0.45	8.929	0.1187	86.4	75-125	8.537	8.57	25	
Chromium	15.63	0.45	8.929	8.352	81.6	75-125	16.95	8.06	25	
Copper	12.31	0.45	8.929	5.073	81.1	75-125	12.76	3.56	25	
Lead	24.07	0.45	8.929	18.4	63.5	75-125	26.64	10.1	25	S
Nickel	17.63	0.45	8.929	8.991	96.8	75-125	19.37	9.36	25	
Selenium	7.192	0.45	8.929	0.5086	74.9	75-125	7.908	9.48	25	S
Silver	7.46	0.45	8.929	0.07883	82.7	75-125	8.262	10.2	25	
Thallium	7.332	0.45	8.929	0.2044	79.8	75-125	7.924	7.76	25	
Zinc	26.21	0.45	8.929	20.38	65.3	75-125	29	10.1	25	S

DUP Sample ID **0611317-26BDUP** Units **mg/Kg** Analysis Date: **11/27/06 23:47**
Client ID Run ID **ICPMS02_061127A** SeqNo **1003651** Prep Date **11/21/2006** DF. **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.45	0	0	0	0-0	0.04886	0	25	
Arsenic	3.041	0.45	0	0	0	0-0	2.662	13.3	25	
Barium	98.21	0.45	0	0	0	0-0	68.14	36.2	25	R
Beryllium	0.7198	0.45	0	0	0	0-0	0.6694	7.26	25	
Cadmium	0.1346	0.45	0	0	0	0-0	0.1187	0	25	J
Chromium	10.04	0.45	0	0	0	0-0	8.352	18.3	25	
Copper	5.888	0.45	0	0	0	0-0	5.073	14.9	25	
Lead	23.33	0.45	0	0	0	0-0	18.4	23.6	25	
Nickel	10.11	0.45	0	0	0	0-0	8.991	11.7	25	
Selenium	0.6995	0.45	0	0	0	0-0	0.5086	31.5	25	R
Silver	0.06279	0.45	0	0	0	0-0	0.07883	0	25	J
Thallium	0.1739	0.45	0	0	0	0-0	0.2044	0	25	J
Zinc	22.43	0.45	0	0	0	0-0	20.38	9.55	25	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20896** Instrument ID **ICPMS02** Method: **SW6020**

PDS Sample ID **0611317-26BBS** Units: **mg/Kg** Analysis Date: **11/28/06 0:10**

Client ID Run ID **ICPMS02_061127A** SeqNo **1003655** Prep Date: DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	7 846	0 45	8 929	0.04886	87.3	75-125	0			
Arsenic	10 33	0.45	8.929	2 662	85.9	75-125	0			
Barium	72.79	0 45	8.929	68.14	52	75-125	0			SO
Beryllium	7.658	0.45	8.929	0 6694	78 3	75-125	0			
Cadmium	7.412	0 45	8.929	0 1187	81 7	75-125	0			
Chromium	15 49	0 45	8.929	8.352	80	75-125	0			
Copper	12.62	0.45	8.929	5 073	84 6	75-125	0			
Lead	25 32	0 45	8.929	18 4	77.5	75-125	0			
Nickel	16 01	0 45	8 929	8.991	78.6	75-125	0			
Selenium	7.287	0.45	8 929	0 5086	75.9	75-125	0			
Silver	7.779	0 45	8 929	0 07883	86.2	75-125	0			
Thallium	6.903	0 45	8.929	0 2044	75	75-125	0			
Zinc	26 93	0 45	8.929	20 38	73 3	75-125	0			S

SD Sample ID **0611317-26B DIL** Units: **mg/Kg** Analysis Date: **11/27/06 23:52**

Client ID: Run ID **ICPMS02_061127A** SeqNo **1003652** Prep Date: DF **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	2.2	0	0	0	0-0	0 04886	0	10	
Arsenic	3 117	2.2	0	0	0	0-0	2.662	17 1	10	R
Barium	72 41	2 2	0	0	0	0-0	68 14	6 26	10	
Beryllium	1 024	2 2	0	0	0	0-0	0 6694	0	10	J
Cadmium	0 3247	2.2	0	0	0	0-0	0 1187	0	10	J
Chromium	8 924	2.2	0	0	0	0-0	8.352	6 85	10	
Copper	5 705	2.2	0	0	0	0-0	5.073	12 5	10	R
Lead	19 49	2.2	0	0	0	0-0	18 4	5 92	10	
Nickel	9 826	2.2	0	0	0	0-0	8 991	9 28	10	
Selenium	U	2.2	0	0	0	0-0	0 5086	0	10	
Silver	0 1796	2.2	0	0	0	0-0	0.07883	0	10	J
Thallium	0 4616	2.2	0	0	0	0-0	0 2044	0	10	J
Zinc	22 45	2.2	0	0	0	0-0	20 38	10 1	10	R

The following samples were analyzed in this batch: 0611291-24A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44179** Instrument ID **VOA5** Method **SW8260**

MBLK Sample ID: **VBLKS-112506** Units. **µg/Kg** Analysis Date. **11/25/06 10:30**

Client ID Run ID **VOA5_061125A** SeqNo **1003048** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1 1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5 0								
1,1-Dichloroethene	U	5.0								
1,2-Dichloroethane	U	5 0								
1,2-Dichloropropane	U	5 0								
2-Butanone	U	10								
Benzene	U	5.0								
Bromoform	U	5 0								
Bromomethane	U	10								
Carbon tetrachlonde	U	5 0								
Chlorobenzene	U	5 0								
Chloroethane	U	10								
Chloroform	U	5.0								
Chloromethane	U	10								
cis-1,3-Dichloropropene	U	5 0								
Dichloromethane	U	10								
Ethylbenzene	U	5 0								
Tetrachloroethene	U	5 0								
Toluene	U	5 0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5 0								
Trichloroethene	U	5 0								
Vinyl chlonde	U	2.0								
Xylenes, Total	U	15								
Surr 1,2-Dichloroethane-d4	*50 66*	0	*50*	0	*101*	*70-128*		0		
Surr 4-Bromofluorobenzene	*47 79*	0	*50*	0	*95 6*	*73-126*		0		
Surr Dibromofluoromethane	*53 53*	0	*50*	0	*107*	*71-128*		0		
Surr Toluene-d8	*52 83*	0	*50*	0	*106*	*73-127*		0		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44179** Instrument ID **VOA5** Method **SW8260**

LCS Sample ID **VLCSS-112606** Units: **µg/Kg** Analysis Date **11/25/06 9:45**
Client ID Run ID: **VOA5_061125A** SeqNo **1003045** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	45 32	5.0	50	0	90 6	75 6-123	0			
1,1,2,2-Tetrachloroethane	46 04	5 0	50	0	92 1	75 1-120	0			
1,1,2-Trichloroethane	45 56	5 0	50	0	91 1	72 8-120	0			
1,1-Dichloroethane	44.79	5 0	50	0	89 6	75.3-121	0			
1,1-Dichloroethene	41 19	5 0	50	0	82.4	78-120	0			
1,2-Dichloroethane	43 48	5.0	50	0	87	70.6-128	0			
1,2-Dichloropropane	46 17	5 0	50	0	92 3	79 4-120	0			
2-Butanone	103.3	10	100	0	103	54.8-130	0			
Benzene	44 82	5.0	50	0	89 6	80-121	0			
Bromoform	45.33	5 0	50	0	90 7	76.9-120	0			
Bromomethane	42 67	10	50	0	85.3	58.9-132	0			
Carbon tetrachloride	44 4	5 0	50	0	88 8	71.8-130	0			
Chlorobenzene	44.3	5 0	50	0	88.6	80-120	0			
Chloroethane	45 49	10	50	0	91	62 5-135	0			
Chloroform	44 78	5 0	50	0	89 6	74.5-120	0			
Chloromethane	52.75	10	50	0	106	62 8-129	0			
cis-1,3-Dichloropropene	47.63	5 0	50	0	95 3	72 7-120	0			
Dichloromethane	42.18	10	50	0	84 4	61 4-120	0			
Ethylbenzene	44.64	5.0	50	0	89 3	79.9-122	0			
Tetrachloroethene	42.98	5 0	50	0	86	79.5-125	0			
Toluene	44 57	5 0	50	0	89 1	79.1-123	0			
trans-1,2-Dichloroethene	43.32	5 0	50	0	86 6	76 3-124	0			
trans-1,3-Dichloropropene	46 16	5.0	50	0	92 3	65-127	0			
Trichloroethene	45 8	5.0	50	0	91 6	77 1-121	0			
Vinyl chloride	50 61	2 0	50	0	101	66.1-129	0			
Xylenes, Total	137 1	15	150	0	91.4	79 4-125	0			
Surr: 1,2-Dichloroethane-d4	*49 25*	0	*50*	0	*98 5*	*70-128*	0			
Surr: 4-Bromofluorobenzene	*46 35*	0	*50*	0	*92 7*	*73-126*	0			
Surr: Dibromofluoromethane	*52 09*	0	*50*	0	*104*	*71-128*	0			
Surr: Toluene-d8	*49 5*	0	*50*	0	*99*	*73-127*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID. **R44179** Instrument ID **VOA5** Method. **SW8260**

MS Sample ID **0611269-21AMS** Units: **µg/Kg** Analysis Date. **11/25/06 11:01**

Client ID Run ID **VOA5_061125A** SeqNo: **1003047** Prep Date: DF **0.807**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	36 71	4.0	40.35	0	91	75.6-123	0			
1,1,2,2-Tetrachloroethane	34 14	4 0	40.35	0	84.6	75 1-120	0			
1,1,2-Trichloroethane	35 14	4.0	40.35	0	87 1	72 8-120	0			
1,1-Dichloroethane	37.33	4 0	40.35	0	92.5	75 3-121	0			
1,1-Dichloroethene	33 43	4 0	40 35	0	82.8	78-120	0			
1,2-Dichloroethane	34 75	4 0	40 35	0	86 1	70.6-128	0			
1,2-Dichloropropane	34 76	4 0	40 35	0	86 2	79 4-120	0			
2-Butanone	65 8	8 1	80 7	0	81 5	54 8-130	0			
Benzene	36 87	4 0	40 35	0	91 4	80-121	0			
Bromoform	34 42	4.0	40.35	0	85.3	76 9-120	0			
Bromomethane	35 68	8.1	40.35	0	88 4	58.9-132	0			
Carbon tetrachlonde	37 87	4 0	40 35	0	93 9	71.8-130	0			
Chlorobenzene	35 82	4 0	40.35	0	88 8	80-120	0			
Chloroethane	37 1	8 1	40.35	0	92	62.5-135	0			
Chloroform	35 93	4.0	40.35	0	89	74.5-120	0			
Chloromethane	42 3	8.1	40 35	0	105	62.8-129	0			
cis-1,3-Dichloropropene	37 17	4 0	40.35	0	92 1	72 7-120	0			
Dichloromethane	32 6	8 1	40.35	0	80.8	61 4-120	0			
Ethylbenzene	36.01	4 0	40 35	0	89.3	79 9-122	0			
Tetrachloroethene	35.31	4.0	40.35	0	87.5	79 5-125	0			
Toluene	36.18	4.0	40 35	0	89.7	79 1-123	0			
trans-1,2-Dichloroethene	34.93	4.0	40 35	0	86.6	76.3-124	0			
trans-1,3-Dichloropropene	35 19	4 0	40 35	0	87.2	65-127	0			
Trichloroethene	35 78	4 0	40 35	0	88 7	77.1-121	0			
Vinyl chlonde	41.26	1 6	40.35	0	102	66 1-129	0			
Xylenes, Total	110	12	121	0	90.9	79 4-125	0			
Surr 1,2-Dichloroethane-d4	*37 34*	0	*40 35*	0	*92.5*	*70-128*	0			
Surr 4-Bromofluorobenzene	*36 49*	0	*40 35*	0	*90 4*	*73-126*	0			
Surr Dibromofluoromethane	*42 35*	0	*40 35*	0	*105*	*71-128*	0			
Surr Toluene-d8	*40 3*	0	*40 35*	0	*99 9*	*73-127*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44178** Instrument ID **VOA5** Method **SW8260**

MSD Sample ID **0611269-21AMSD** Units: **µg/Kg** Analysis Date: **11/25/06 11:23**

Client ID Run ID **VOA5_061125A** SeqNo. **1003048** Prep Date DF **0.796**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	36.46	4.0	39.8	0	91.6	75.6-123	36.71	0.68	30	
1,1,2,2-Tetrachloroethane	34.05	4.0	39.8	0	85.5	75.1-120	34.14	0.262	30	
1,1,2-Trichloroethane	33.54	4.0	39.8	0	84.3	72.8-120	35.14	4.67	30	
1,1-Dichloroethane	35.76	4.0	39.8	0	89.8	75.3-121	37.33	4.29	30	
1,1-Dichloroethene	32.81	4.0	39.8	0	82.4	78-120	33.43	1.86	30	
1,2-Dichloroethane	32.06	4.0	39.8	0	80.6	70.6-128	34.75	8.05	30	
1,2-Dichloropropane	33.44	4.0	39.8	0	84	79.4-120	34.76	3.87	30	
2-Butanone	66.59	8.0	79.6	0	83.6	54.8-130	65.8	1.19	30	
Benzene	34.06	4.0	39.8	0	85.6	80-121	36.87	7.91	30	
Bromoform	32.29	4.0	39.8	0	81.1	76.9-120	34.42	6.38	30	
Bromomethane	34.54	8.0	39.8	0	86.8	58.9-132	35.68	3.24	30	
Carbon tetrachloride	34.85	4.0	39.8	0	87.6	71.8-130	37.87	8.3	30	
Chlorobenzene	33.24	*4.0*	*39.8*	*0*	*83.5*	*80-120*	35.82	*7.48*	*30*	
Chloroethane	35.96	8.0	39.8	0	90.3	62.5-135	37.1	3.14	30	
Chloroform	35.3	4.0	39.8	0	88.7	74.5-120	35.93	1.77	30	
Chloromethane	43.81	8.0	39.8	0	110	62.8-129	42.3	3.51	30	
cis-1,3-Dichloropropene	34.52	4.0	39.8	0	86.7	72.7-120	37.17	7.39	30	
Dichloromethane	31.61	8.0	39.8	0	79.4	61.4-120	32.6	3.1	30	
Ethylbenzene	34.22	4.0	39.8	0	86	79.9-122	36.01	5.11	30	
Tetrachloroethene	33.21	4.0	39.8	0	83.4	79.5-125	35.31	6.13	30	
Toluene	33.99	4.0	39.8	0	85.4	79.1-123	36.18	6.25	30	
trans-1,2-Dichloroethene	35.27	4.0	39.8	0	88.6	76.3-124	34.93	0.961	30	
trans-1,3-Dichloropropene	32.71	4.0	39.8	0	82.2	65-127	35.19	7.31	30	
Trichloroethene	34.16	4.0	39.8	0	85.8	77.1-121	35.78	4.61	30	
Vinyl chloride	40.67	1.6	39.8	0	102	66.1-129	41.26	1.46	30	
Xylenes, Total	103.2	12	119.4	0	86.5	79.4-125	110	6.38	30	
Surr: 1,2-Dichloroethane-d4	*39.32*	0	*39.8*	0	*98.8*	*70-128*	37.34	*5.15*	*30*	
Surr: 4-Bromofluorobenzene	*37.02*	0	*39.8*	0	*93*	*73-126*	36.49	*1.44*	*30*	
Surr: Dibromofluoromethane	*41.97*	0	*39.8*	0	*105*	*71-128*	42.35	*0.902*	*30*	
Surr: Toluene-d8	*39.86*	0	*39.8*	0	*100*	*73-127*	40.3	*1.1*	*30*	

The following samples were analyzed in this batch: 0611291-25A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44204** Instrument ID **VOA5** Method **SW8260**

MBLK Sample ID **VBLKS-112606** Units **µg/Kg** Analysis Date: **11/26/06 23:08**

Client ID Run ID **VOA5_061126B** SeqNo **1003677** Prep Date: DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
2-Butanone	U	10								
Benzene	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	10								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	10								
Chloroform	U	5.0								
Chloromethane	U	10								
cis-1,3-Dichloropropene	U	5.0								
Dichloromethane	U	10								
Ethylbenzene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								
Vinyl chloride	U	2.0								
Xylenes, Total	U	15								
Surr: 1,2-Dichloroethane-d4	*50.74*	0	*50*	0	*101*	*70-128*		0		
Surr: 4-Bromofluorobenzene	*43.68*	0	*50*	0	*87.4*	*73-126*		0		
Surr: Dibromofluoromethane	*50.4*	0	*50*	0	*101*	*71-128*		0		
Surr: Toluene-d8	*46.88*	0	*50*	0	*93.8*	*73-127*		0		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Reference analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44204** Instrument ID **VOA5** Method: **SW8260**

LCS Sample ID **VLCSS-112606** Units. µg/Kg Analysis Date: **11/26/06 22:44**

Client ID Run ID: **VOA5_061126B** SeqNo. **1003676** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	53.57	5.0	50	0	107	75.6-123	0			
1,1,2,2-Tetrachloroethane	53.44	5.0	50	0	107	75.1-120	0			
1,1,2-Trichloroethane	51.65	5.0	50	0	103	72.8-120	0			
1,1-Dichloroethane	53.46	5.0	50	0	107	75.3-121	0			
1,1-Dichloroethene	48.1	5.0	50	0	96.2	78-120	0			
1,2-Dichloroethane	47.96	5.0	50	0	95.9	70.6-128	0			
1,2-Dichloropropane	52.5	5.0	50	0	105	79.4-120	0			
2-Butanone	116.4	10	100	0	116	54.8-130	0			
Benzene	51.13	5.0	50	0	102	80-121	0			
Bromoform	54.46	5.0	50	0	109	76.9-120	0			
Bromomethane	50.38	10	50	0	101	58.9-132	0			
Carbon tetrachloride	52.79	5.0	50	0	106	71.8-130	0			
Chlorobenzene	49.79	5.0	50	0	99.6	80-120	0			
Chloroethane	54.4	10	50	0	109	62.5-135	0			
Chloroform	52.23	5.0	50	0	104	74.5-120	0			
Chloromethane	62.79	10	50	0	126	62.8-129	0			
cis-1,3-Dichloropropene	55.02	5.0	50	0	110	72.7-120	0			
Dichloromethane	43.92	10	50	0	87.8	61.4-120	0			
Ethylbenzene	51.6	5.0	50	0	103	79.9-122	0			
Tetrachloroethene	48.49	5.0	50	0	97	79.5-125	0			
Toluene	50.56	5.0	50	0	101	79.1-123	0			
trans-1,2-Dichloroethene	51.95	5.0	50	0	104	76.3-124	0			
trans-1,3-Dichloropropene	52.05	5.0	50	0	104	65-127	0			
Trichloroethene	49.83	5.0	50	0	99.7	77.1-121	0			
Vinyl chloride	59.7	2.0	50	0	119	66.1-129	0			
Xylenes, Total	156.4	15	150	0	104	79.4-125	0			
Surr: 1,2-Dichloroethene-d4	*49.84*	0	*50*	0	*99.7*	*70-128*	0			
Surr: 4-Bromofluorobenzene	*47*	0	*50*	0	*94*	*73-126*	0			
Surr: Dibromofluoromethane	*52.12*	0	*50*	0	*104*	*71-128*	0			
Surr: Toluene-d8	*48.91*	0	*50*	0	*97.8*	*73-127*	0			

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CLIENT: Golder Associates, Inc
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44204** Instrument ID **VOA5** Method **SW8260**

MS Sample ID **0611291-32AMS** Units **µg/Kg** Analysis Date **11/27/06 2:07**
Client ID **SB72-18** Run ID **VOA5_061126B** SeqNo **1003679** Prep Date DF **0.83**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	38.51	4.2	41.5	0	92.8	75 6-123	0			
1,1,2,2-Tetrachloroethane	35 48	4.2	41.5	0	85 5	75 1-120	0			
1,1,2-Trichloroethane	36 45	4.2	41.5	0	87.8	72 8-120	0			
1,1-Dichloroethane	39 04	4.2	41.5	0	94 1	75 3-121	0			
1,1-Dichloroethene	36.23	4.2	41 5	0	87.3	78-120	0			
1,2-Dichloroethane	34.66	4.2	41.5	0	83.5	70.6-128	0			
1,2-Dichloropropane	37 1	4.2	41.5	0	89 4	79 4-120	0			
2-Butanone	71.83	8.3	83	0	86 5	54 8-130	0			
Benzene	37 29	4.2	41 5	0	89 8	80-121	0			
Bromoform	35.27	4.2	41.5	0	85	76.9-120	0			
Bromomethane	37 78	8.3	41.5	0	91	58 9-132	0			
Carbon tetrachloride	36.52	4.2	41 5	0	88	71.8-130	0			
Chlorobenzene	33.63	4 2	41 5	0	81	80-120	0			
Chloroethane	38 16	8 3	41 5	0	92	62.5-135	0			
Chloroform	38 69	4.2	41.5	0	93.2	74 5-120	0			
Chloromethane	45 56	8 3	41.5	0	110	62.8-129	0			
cis-1,3-Dichloropropene	36 41	4.2	41.5	0	87 7	72 7-120	0			
Dichloromethane	32.09	8 3	41 5	0	77 3	61 4-120	0			
Ethylbenzene	34.91	4.2	41 5	0	84.1	79.9-122	0			
Tetrachloroethene	34 41	4 2	41.5	1.154	80 1	79 5-125	0			
Toluene	35 34	4.2	41 5	0	85 2	79 1-123	0			
trans-1,2-Dichloroethene	37.35	4 2	41 5	0	90	76.3-124	0			
trans-1,3-Dichloropropene	34 41	4 2	41 5	0	82.9	65-127	0			
Trichloroethene	36 38	4 2	41 5	15.94	48 3	77.1-121	0			S
Vinyl chloride	44.21	1 7	41.5	0	107	66 1-129	0			
Xylenes, Total	101 6	12	124 5	0	81 6	79 4-125	0			
Surr 1,2-Dichloroethane-d4	*42 02*	0	*41 5*	0	*101*	*70-128*	0			
Surr 4-Bromofluorobenzene	*38 13*	0	*41 5*	0	*91 9*	*73-126*	0			
Surr Dibromofluoromethane	*42.32*	0	*41 5*	0	*102*	*71-128*	0			
Surr Toluene-d8	*40 93*	0	*41 5*	0	*98 6*	*73-127*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44204** Instrument ID **VOA5** Method: **SW8260**

MSD Sample ID **0611291-32AMSD** Units: **µg/Kg** Analysis Date **11/27/06 2:32**

Client ID **SB72-18** Run ID **VOA5_061128B** SeqNo: **1003680** Prep Date. DF: **0.83**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	44 59	4.2	41 5	0	107	75 6-123	38 51	14 6	30	
1,1,2,2-Tetrachloroethane	42.37	4.2	41.5	0	102	76.1-120	35 48	17.7	30	
1,1,2-Trichloroethane	43 76	4.2	41.5	0	105	72.8-120	36 45	18.2	30	
1,1-Dichloroethane	45 43	4.2	41.5	0	109	75.3-121	39.04	15 1	30	
1,1-Dichloroethene	38.99	4.2	41.5	0	94	78-120	36.23	7.34	30	
1,2-Dichloroethane	39.65	4.2	41.5	0	95.6	70.6-128	34 66	13 4	30	
1,2-Dichloropropane	42 98	4.2	41 5	0	104	79 4-120	37 1	14 7	30	
2-Butanone	87 79	8.3	83	0	106	54.8-130	71.83	20	30	
Benzene	41 91	4.2	41.5	0	101	80-121	37.29	11 7	30	
Bromoform	42 52	4.2	41.5	0	102	76 9-120	35 27	18 6	30	
Bromomethane	40.26	8.3	41.5	0	97	58.9-132	37.78	6 35	30	
Carbon tetrachlonde	40.43	4.2	41 5	0	97.4	71.8-130	36.52	10 2	30	
Chlorobenzene	39 58	4.2	41 5	0	95.4	80-120	33 63	16 3	30	
Chloroethane	44 56	8 3	41 5	0	107	62 5-135	38 16	15 5	30	
Chloroform	44 54	4.2	41 5	0	107	74 5-120	38.69	14	30	
Chloromethane	49.99	8.3	41 5	0	120	62.8-129	45 56	9 27	30	
cis-1,3-Dichloropropene	42 68	4 2	41 5	0	103	72.7-120	36 41	15 9	30	
Dichloromethane	41.88	8.3	41.5	0	101	61 4-120	32 09	26 5	30	
Ethylbenzene	40 37	4.2	41 5	0	97 3	79.9-122	34 91	14 5	30	
Tetrachloroethene	40 01	4 2	41 5	1 154	93 6	79 5-125	34 41	15 1	30	
Toluene	40 98	4 2	41 5	0	98.8	79.1-123	35.34	14 8	30	
trans-1,2-Dichloroethene	42 05	4 2	41.5	0	101	76.3-124	37 35	11 8	30	
trans-1,3-Dichloropropene	40 73	4 2	41.5	0	98 1	65-127	34 41	16.8	30	
Trichloroethene	41 07	4 2	41.5	15 94	60.8	77 1-121	36.38	12 1	30	S
Vinyl chlonde	49.29	1.7	41.5	0	119	66.1-129	44 21	10.9	30	
Xylenes, Total	121.8	12	124.5	0	97 8	79 4-125	101.6	18	30	
Surr 1,2-Dichloroethane-d4	*45 31*	0	*41 5*	0	*109*	*70-128*	42.02	*7 55*	*30*	
Surr 4-Bromofluorobenzene	*42 88*	0	*41 5*	0	*103*	*73-126*	38 13	*11 7*	*30*	
Surr Dibromofluoromethane	*47 52*	0	*41 5*	0	*115*	*71-128*	42 32	*11 6*	*30*	
Surr Toluene-d8	*44 51*	0	*41 5*	0	*107*	*73-127*	40 93	*8 39*	*30*	

The following samples were analyzed in this batch: 0611291-17A 0611291-21A 0611291-28A 0611291-32A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R43994** Instrument ID **Balance1** Method **E160.3**

DUP Sample ID **0611291-30ADUP** Units. **wt%** Analysis Date **11/17/06 0:00**
Client ID **SB72-06** Run ID **BALANCE1_061117B** SeqNo **999290** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	15 81	0 010	0	0	0	0-0	15.17	4 16	20	

DUP Sample ID **0611291-32BDUP** Units. **wt%** Analysis Date: **11/17/06 0:00**
Client ID **SB72-18** Run ID **BALANCE1_061117B** SeqNo **999293** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	19 17	0.010	0	0	0	0-0	17.49	9.13	20	

The following samples were analyzed in this batch:

0611291-01A	0611291-03A	0611291-05A
0611291-07A	0611291-09A	0611291-11A
0611291-13A	0611291-15A	0611291-16A
0611291-17B	0611291-19A	0611291-21B
0611291-23A	0611291-25B	0611291-27A
0611291-28A	0611291-30A	0611291-31A
0611291-32B		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611291
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: **R44095** Instrument ID **Balance1** Method: **E160.3**

DUP Sample ID **0611338-08ADUP** Units. **wt%** Analysis Date **11/20/06 0:00**

Client ID: Run ID **BALANCE1_061120E** SeqNo: **1001248** Prep Date: DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	16.7	0.010	0	0	0	0-0	17.25	3.27	20	

The following samples were analyzed in this batch: 0611291-24A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

MDLs & MQLs

Golder Associates, Inc.
CRI - Superfund
Work Order 0611291

e-Lab Analytical, Inc. **Date:** Dec 04, 2006

Test Code: 8260_TCL_S
Test Number: SW8260
Test Name: TCL Volatile Organics
Matrix: Solid **Units:** µg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	1,1,1-Trichloroethane	71-55-6	0.7	5
A	1,1,2,2-Tetrachloroethane	79-34-5	0.5	5
A	1,1,2-Trichloroethane	79-00-5	0.5	5
A	1,1-Dichloroethane	75-34-3	0 8	5
A	1,1-Dichloroethene	75-35-4	1	5
A	1,2-Dichloroethane	107-06-2	0.6	5
A	1,2-Dichloropropane	78-87-5	0.6	5
A	2-Butanone	78-93-3	0.7	10
A	Benzene	71-43-2	0.6	5
A	Bromoform	75-25-2	0.5	10
A	Bromomethane	74-83-9	1	10
A	Carbon tetrachloride	56-23-5	1	5
A	Chlorobenzene	108-90-7	0.7	5
A	Chloroethane	75-00-3	1.6	10
A	Chloroform	67-66-3	0.9	5
A	Chloromethane	74-87-3	1.1	10
A	cis-1,3-Dichloropropene	10061-01-5	0.6	5
A	Dichloromethane	75-09-2	3	10
A	Ethylbenzene	100-41-4	0.8	5
A	Tetrachloroethene	127-18-4	0.6	5
A	Toluene	108-88-3	0.6	5
A	trans-1,2-Dichloroethene	156-60-5	1	5
A	trans-1,3-Dichloropropene	10061-02-6	0 6	5
A	Trichloroethene	79-01-6	0.6	5
A	Vinyl chloride	75-01-4	0.6	2
M	Xylenes, Total	1330-20-7	1 5	15
S	Surr: 1,2-Dichloroethane-d4	17060-07-0	0	0
S	Surr. 4-Bromofluorobenzene	460-00-4	0	0
S	Surr: Dibromofluoromethane	1868-53-7	0	0
S	Surr. Toluene-d8	2037-26-5	0	0

e-Lab Analytical, Inc. **Date:** Dec 04, 2006

Test Code: HG_S
Test Number: SW7471A
Test Name: Mercury, Total
Matrix: Solid **Units:** µg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Mercury	7439-97-6	1.4	13.3

Test Code: ICP_S_Low
Test Number: SW6020
Test Name: ICP Metals
Matrix: Solid **Units:** mg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Antimony	7440-36-0	0.14	0.5
A	Arsenic	7440-38-2	0.13	0.5
A	Barium	7440-39-3	0.07	0 5
A	Beryllium	7440-41-7	0.03	0.5
A	Cadmium	7440-43-9	0.03	0.5
A	Chromium	7440-47-3	0.07	0.5
A	Copper	7440-50-8	0.04	0.5
A	Lead	7439-92-1	0.09	0 5
A	Nickel	7440-02-0	0.08	0.5
A	Selenium	7782-49-2	0.19	0.5
A	Silver	7440-22-4	0.02	0.5
A	Thallium	7440-28-0	0.05	0.5
A	Zinc	7440-66-6	0.1	0.5

e-Lab Analytical, Inc.

Date: Dec 04, 2006

Test Code: MOISTURE
Test Number: E160 3
Test Name: Percent Moisture
Matrix: Soil **Units:** wt%

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Percent Moisture	MOIST	0.01	0.01

Golder Associates, Inc.

CRI Superfund

Work Order 0611296

The total number of pages in this document is _____

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- TRRP Laboratory Data Package Cover Sheet
- TRRP Checklist
- Sample Summary Table
- Chain of Custody and Sample Receipt Checklist
- Analytical Report
- QC Batch Summary Report
- MDLs and MQLs
- Volatiles Raw Data
- Metals Raw Data
- Mercury Raw Data
- Moisture Raw Data

e-Lab Analytical, Inc. **Date:** *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**TRRP Laboratory Data Package Cover Page**
Project:	CRI-Superfund Wiley, Texas	
Work Order:	0611296	

This data package consists of all or some of the following as applicable:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation:

R2 Sample identification cross-reference

R3 Test reports (analytical data sheets) for each environmental sample that includes:
- a) Items consistent with NELAC 5.13 or ISO/IEC 17025 Section 5.10
- b) dilution factors,
- c) preparation methods,
- d) cleanup methods, and
- e) if required for the project, tentatively identified compounds (TICs).

R4 Surrogate recovery data including.
- a) Calculated recovery (%R), and
- b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms for laboratory control samples (LCSs) including.
- a) LCS spiking amounts,
- b) Calculated %R for each analyte, and
- c)The laboratory's LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
- a) Samples associated with the MS/MSD clearly identified,
- b) MS/MSD spiking amounts,
- c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
- d) Calculated %Rs and relative percent differences (RPDs), and
- e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) recovery and precision:
- a) the amount of analyte measured in the duplicate,
- b) the calculated RPD, and
- c) the laboratory's QC limits for analytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix,?

R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release Statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exception reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratory in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, if applicable: [NA] This laboratory is an in-house laboratory controlled by the person responding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Patricia L. Lynch

Patricia L. Lynch

Project Manager

Laboratory Review Checklist: Reportable Data

Laboratory Name e-Lab Analytical, Inc	LRC Date: 12/15/2006
Project Name. CRI Superfund Wiley	Laboratory Job Number: 0611296
Reviewer Name: Patricia L Lynch	Prep Batch Number(s) 20845, 20847, 20868, 20872, 20874, 20875, R43993, R43995, R44066, R44204, R44258, R44389 and R44407

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	CHAIN-OF-CUSTODY (C-O-C)					
		1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				1
		2) Were all departures from standard conditions described in an exception report?	X				
R2	OI	SAMPLE AND QUALITY CONTROL (QC) IDENTIFICATION					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	TEST REPORTS					
		1) Were all samples prepared and analyzed within holding times?	X				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample quantitation limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	X				
		7) Was % moisture (or solids) reported for all soil and sediment samples?	X				
		8) If required for the project, TICs reported?			X		
R4	O	SURROGATE RECOVERY DATA					
		1) Were surrogates added prior to extraction?	X				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	TEST REPORTS/SUMMMARY FORMS FOR BLANK SAMPLES					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?	X				
R6	OI	LABORATORY CONTROL SAMPLES (LCS):					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	X				
		6) Was the LCSD RPD within QC limits?	X				
R7	OI	MATRIX SPIKE (MS) AND MATRIX SPIKE DUPLICATE (MSD) DATA					
		1) Were the project/method specified analytes included in the MS and MSD?	X				
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			2
		4) Were MS/MSD RPDs within laboratory QC limits?		X			3
R8	OI	ANALYTICAL DUPLICATE DATA					
		1) Were appropriate analytical duplicates analyzed for each matrix?	X				
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?		X			4
R9	OI	METHOD QUANTITATION LIMITS (MQLS):					
		1) Are the MQLs for each method analyte listed and included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs included in the laboratory data package?	X				
R10	OI	OTHER PROBLEMS/ANOMALIES					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		2) Were all necessary corrective actions performed for the reported data?	X				
		3) If requested, is the justification for elevated SQLs documented?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted in o the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period

2 O = organic analyses, I = inorganic analyses (and general chemistry, when applicable),

3 NA = Not applicable,

4 NR = Not Reviewed,

5 ER# = Exception Report identification number (an Exception Repon should be completed for an item if "NR" or "No" is checked)

Laboratory Review Checklist: Supporting Data								
Laboratory Name: e-lab Analytical, Inc			LRC Date. 12/15/2006					
Project Name· CRI Superfund Wiley			Laboratory Job Number: 0611296					
Reviewer Name. Patricia L Lynch			Prep Batch Number(s). 20845, 20847, 20868, 20872, 20874, 20875, R43993, R43995, R44066, R44204, R44258, R44389 and R44407					
#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]	
S1	OI	INITIAL CALIBRATION (ICAL)						
		1) Were response factors (RFs) and/or relative response factors (RRFs) for each analyte within the QC limits?	X					
		2) Were percent RSDs or correlation coefficient criteria met?	X					
		3) Was the number of standards recommended in the method used for all analytes?	X					
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X					
		5) Are ICAL data available for all instruments used?	X					
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X					
S2	OI	INITIAL AND CONTINUING CALIBRATION VERIFICATION (ICCV AND CCV) AND						
		1) Was the CCV analyzed at the method-required frequency?	X					
		2) Were percent differences for each analyte within the method-required QC limits?	X					
		3) Was the ICAL curve verified for each analyte?	X					
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X			
S3	O	MASS SPECTRAL TUNING:						
		1) Was the appropriate compound for the method used for tuning?	X					
		2) Were ion abundance data within the method-required QC limits?	X					
S4	O	INTERNAL STANDARDS (IS):						
		Were IS area counts and retention times within the method-required QC limits?	X					
S5	OI	RAW DATA (NELAC SECTION 1 APPENDIX A GLOSSARY, AND SECTION 5.12 OR						
		1) Were the raw data (e.g., chromatograms, spectral data) reviewed by an analyst?	X					
		2) Were data associated with manual integrations flagged on the raw data?	X					
S6	O	DUAL COLUMN CONFIRMATION						
		Did dual column confirmation results meet the method-required QC?			X			
S7	O	TENTATIVELY IDENTIFIED COMPOUNDS (TICS):						
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X			
S8	I	INTERFERENCE CHECK SAMPLE (ICS) RESULTS:						
		Were percent recoveries within method QC limits?	X					
S9	I	SERIAL DILUTIONS, POST DIGESTION SPIKES, AND METHOD OF STANDARD						
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?		X			5	
S10	OI	PROFICIENCY TEST REPORTS:						
		Are proficiency testing or inter-laboratory comparison results on file?	X					
S11	OI	METHOD DETECTION LIMIT (MDL) STUDIES						
		1) Was a MDL study performed for each reported analyte?	X					
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X					
S12	OI	STANDARDS DOCUMENTATION						
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X					
S13	OI	COMPOUND/ANALYTE IDENTIFICATION PROCEDURES						
		Are the procedures for compound/analyte identification documented?	X					
S14	OI	DEMONSTRATION OF ANALYST COMPETENCY (DOC)						
		1) Was DOC conducted consistent with NELAC 5C or ISO/IEC 4.2.2?	X					
		2) Is documentation of the analyst's competency up-to-date and on file?	X					
S15	OI	VERIFICATION/VALIDATION DOCUMENTATION FOR METHODS						
		Are all the methods used to generate the data documented, verified, and validated, where applicable, (NELAC 5 10 2 or ISO/IEC 17025 Section 5 4.5)?	X					
S16	OI	LABORATORY STANDARD OPERATING PROCEDURES (SOPS):						
		Are laboratory SOPs current and on file for each method performed?	X					

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period
2 O = organic analyses, I = inorganic analyses (and general chemistry, when applicable)
3 NA = Not applicable
4 NR = Not Reviewed
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked)

Laboratory Review Checklist: Exception Report		
Laboratory Name e-Lab Analytical, Inc.		LRC Date: 12/15/2006
Project Name: CRI Superfund Wiley		Laboratory Job Number 0611296
Reviewer Name. Patricia L. Lynch		Prep Batch Number(s) 20845, 20847, 20868, 20872, 20874, 20875, R43993, R43995, R44066, R44204, R44258, R44389 and R44407
ER #[1]	DESCRIPTION	
1	Metals analyses are requested on the chain-of-custody for samples SB78-18 DS-15, but e-Lab did not receive the 4 ounce jar. Analyses for metals were not assigned to this sample.	
2	Batch 20845 Metals MS/MSD recoveries for numerous target elements are outside the control limits in sample SB72-06 from e-Lab work order 0611291 due to matrix interference. Some of the data are also flagged with E and O due to the concentrations in the background sample.	
	Batch 20868 Metals MS/MSD is an unrelated sample.	
	Batch 20872 Metals MS/MSD recoveries for numerous target elements are outside the control limits in sample SB79-18 due to matrix interference. The data for Barium is flagged with O due to the concentration in the background sample.	
	Batch 20874 Mercury MS/MSD recoveries in sample SB72-06 from e-Lab work order 0611291 are high due to matrix interference. The data is also flagged with O due to the concentration in the background sample.	
	Batch R44066 Volatiles MS/MSD is an unrelated sample.	
	Batch R44204 Volatiles MS/MSD recoveries for Trichloroethene in sample 0611291 from e-Lab work order 0611291 are below the control limits. All other recoveries and all RPD's are in control.	
3	Batch 20845 Metals MS/MSD RPD's for Thallium and Zinc are above the control limits in sample SB72-06 from e-Lab work order 0611291 due to matrix interference. Some of the data are also flagged with E and O due to the concentrations in the background sample.	
4	Batch 20845 Metals Duplicate RPD's for numerous target elements are above the control limits in sample SB72-06 from e-Lab work order 0611291 due to matrix interference.	
	Batch 20896 Metals Duplicate RPD's for Barium and Selenium are above the control limits in sample SB85-18 DS-18 from e-Lab work order 0611317 due to matrix interference.	

Laboratory Review Checklist: Exception Report		
Laboratory Name: e-Lab Analytical, Inc.		LRC Date: 12/15/2006
Project Name CRI Superfund Wiley		Laboratory Job Number: 0611296
Reviewer Name: Patricia L Lynch		Prep Batch Number(s): 20845, 20847, 20868, 20872, 20874, 20875, R43993, R43995, R44066, R44204, R44258, R44389 and R44407
ER #[1]	DESCRIPTION	
5	Batch 20845 Metals Post-Digestion Spike recovery for Zinc is below the control limits in sample SB72-06 from e-Lab work order 0611291 due to matrix interference. The data is also flagged with O due to the concentration in the background sample.	
	Batch 20868 Metals Post-Digestion Spike is an unrelated sample.	
	Batch 20872 Metals Post-Digestion Spike recovery for Barium is above the control limits in sample SB79-18 due to matrix interference. The data for Barium is also flagged with O due to the concentration in the background sample.	
	Batch 20845 Metals Serial Dilution %D's for Copper and Zinc are above the control limits in sample SB72-06 from e-Lab work order 0611291 due to matrix interference.	
	Batch 20872 Metals Serial Dilution %D for Zinc is above the control limits in sample SB79-18 due to matrix interference.	

1 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

e-Lab Analytical, Inc. **Date:** *December 05, 2006*

CLIENT: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas
Work Order: **0611296**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
0611296-01	SB73-06	Soil		11/15/2006 13:45	11/16/2006 09:10	☐
0611296-02	SB73-12	Soil		11/15/2006 13:46	11/16/2006 09:10	☐
0611296-03	SB73-18	Soil		11/15/2006 13:48	11/16/2006 09:10	☐
0611296-04	SB73-24 (Archive)	Soil		11/15/2006 13:50	11/16/2006 09:10	☐
0611296-05	SB74-06	Soil		11/15/2006 13:58	11/16/2006 09:10	☐
0611296-06	SB74-12	Soil		11/15/2006 13:59	11/16/2006 09:10	☐
0611296-07	SB74-18	Soil		11/15/2006 14:01	11/16/2006 09:10	☐
0611296-08	SB74-24 (Archive)	Soil		11/15/2006 14:05	11/16/2006 09:10	☐
0611296-09	SB75-06	Soil		11/15/2006 14:12	11/16/2006 09:10	☐
0611296-10	SB75-12	Soil		11/15/2006 14:13	11/16/2006 09:10	☐
0611296-11	SB75-18	Soil		11/15/2006 14:15	11/16/2006 09:10	☐
0611296-12	SB75-24 (Archive)	Soil		11/15/2006 14:22	11/16/2006 09:10	☐
0611296-13	SB76-06	Soil		11/15/2006 14:26	11/16/2006 09:10	☐
0611296-14	SB76-12	Soil		11/15/2006 14:27	11/16/2006 09:10	☐
0611296-15	SB76-18	Soil		11/15/2006 14:29	11/16/2006 09:10	☐
0611296-16	SB76-24 (Archive)	Soil		11/15/2006 14:31	11/16/2006 09:10	☐
0611296-17	SB77-06	Soil		11/15/2006 14:39	11/16/2006 09:10	☐
0611296-18	SB77-12	Soil		11/15/2006 14:46	11/16/2006 09:10	☐
0611296-19	SB77-18	Soil		11/15/2006 14:42	11/16/2006 09:10	☐
0611296-20	SB77-24 (Archive)	Soil		11/15/2006 14:44	11/16/2006 09:10	☐
0611296-21	SB78-06	Soil		11/15/2006 14:55	11/16/2006 09:10	☐
0611296-22	SB78-12	Soil		11/15/2006 14:56	11/16/2006 09:10	☐
0611296-23	SB78-18	Soil		11/15/2006 14:58	11/16/2006 09:10	☐
0611296-24	SB78-24 (Archive)	Soil		11/15/2006 15:02	11/16/2006 09:10	☐
0611296-25	SB78-12 DS-14	Soil		11/15/2006 14:56	11/16/2006 09:10	☐
0611296-26	SB78-18 DS-15	Soil		11/15/2006 14:58	11/16/2006 09:10	☐
0611296-27	SB79-06	Soil		11/15/2006 15:10	11/16/2006 09:10	☐
0611296-28	SB79-12	Soil		11/15/2006 15:11	11/16/2006 09:10	☐
0611296-29	SB79-18	Soil		11/15/2006 15:14	11/16/2006 09:10	☐
0611296-30	SB79-24 (Archive)	Soil		11/15/2006 15:20	11/16/2006 09:10	☐
0611296-31	SB79-24 DS-16 (Archive)	Soil		11/15/2006 15:20	11/16/2006 09:10	☐
0611296-32	RS-2	Water		11/15/2006 15:30	11/16/2006 09:10	☐
0611296-33	Trip Blank 0100	Water		11/15/2006 15:30	11/16/2006 09:10	☐

10450 Stancliff Rd #210
Houston, Texas 77099
(Tel) 281 530.5656
(Fax) 281 530 5887

Chain of Custody Form

Page 1 of 4

e-Lab Analytical, Inc.
3352 128th Avenue
Holland, Michigan 49424
(Tel) 616 399 6070
(Fax) 616 399 6185

e-Lab Project Manager:

e-Lab Work Order #: 11179

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	IN 2 ICE CHESTS
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	
				F	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	5 DAY TAT on VOC
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Preservative	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB73-06	11/15/06	1345	S		1				Metals/Moisture only							
2	12		1346			1											
3	18		1348			5											
4	24 (ARCHIVE)		1350			5											
5	SB74-06		1358			1											
6	12		1359			1											
7	18		1401			5											
8	24 (ARCHIVE)		1405			5											
9	SB75-06		1412			1											
10	12		1413			1											

Sampler(s) Please Print & Sign: [signature]

Shipment Method: FED EX

Required Turnaround Time: (Check Box) ☐ Other ☑ Std 10 WK Days ☐ 5 WK Days ☐ 3 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by: [signature]

Date: 11/15/06 Time: 1630

Received by:

Received by (Laboratory): [signature] 11/16/06 9:10

Notes: 10 Day TAT.

Logged by (Laboratory):

Date: Time:

Checked by (Laboratory):

e-Lab Analytical Cooler ID:

Cooler Temp:

QC Packages: (Check One Box Below)
☐ Level II Std QC ☑ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1 Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.

2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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Houston, Texas 77099
(Tel) 281 530.5656
(Fax) 281 530.5887

Chain of Custody Form

e-Lab Analytical, Inc
3352 128th Avenue
Holland, Michigan 49424
(Tel) 616 399 6070
(Fax) 616 399 6185

e-Lab Project Manager: | e-Lab Work Order #: 611291

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	IN 2 ICE CHESTS
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	
				F	5-DAY TAT on VOCs
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB75-18	11/15/06	1415	S		5	✓	✓	✓								
2	24 (ARCHIVE)		1422			5	✓	✓	✓								✓
3	SB76-06		1426			1	✓	✓	✓	Metals/moisture only							
4	12		1427			1		✓	✓								
5	18		1429			5	✓	✓	✓								
6	24 (ARCHIVE)		1431			5	✓	✓	✓								✓
7	SB77-06		1439			1		✓	✓								
8	12		1440			1		✓	✓								
9	18		1442			5	✓	✓	✓								
10	24 (ARCHIVE)		1444			5	✓	✓	✓								✓

Sampler(s) Please Print & Sign: Jim Wiley [signature]

Shipment Method: FED EX

Required Turnaround Time (Check Box): ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by: [signature] Date: 11/15/06 Time: 1630

Received by: [signature] Date: 11/16/06 Time: 0910

Relinquished by: Date: Time:

Received by (Laboratory): Date: Time:

Logged by (Laboratory): Date: Time:

Checked by (Laboratory):

Notes: 10 Day TAT

e-Lab Analytical Cooler ID: | Cooler Temp:

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
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Chain of Custody Form

Page 3 of 4

3352 128th Avenue
Holland, Michigan 49424
(Tel) 616 399 6070
(Fax) 616 399 6185

e-Lab Project Manager: | e-Lab Work Order #: 011296

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	N 2 ICE CHESTS
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	DS = duplicate sample
				F	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	5-DAY TAT on VOCs
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB78-06	11/15/06	1455	S		1		✓	✓								
2	12		1456			1		✓	✓								
3	18		1458			5	✓	✓	✓								
4	24 (ARCHIVE)		1502			5	✓	✓	✓								✓
5	SB78-12 DS14		1456			1		✓	✓								
6	SB78-~~24~~ 18 DS-15		1458			4	✓	✓	✓								
7	~~SB78-24 DS-18~~		~~1502~~														
8	SB79-06		1510			1		✓	✓								
9	12		1511			1		✓	✓								
10	18		1514			5	✓	✓	✓								

Sampler(s) Please Print & Sign: Julie Wiley [signature]

Shipment Method: FED EX

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Notes: 10 Day TAT
[signature]	11/15/06	1630		
Relinquished by:	Date:	Time:	Received by (Laboratory): [signature] 11/16/06 09:10	e-Lab Analytical Cooler ID: / Cooler Temp:
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

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Chain of Custody Form

e-Lab Analytical, Inc
3352 128th Avenue
Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

e-Lab Project Manager: | e-Lab Work Order #: [illegible]

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	MS = matrix spike
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	MD = matrix spike duplicate
				F	DS = duplicate sample
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	RS = rinsate blank
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	IN 2 ICE CHESTS
e-Mail Address		e-Mail Address		J	5-DAY TAT ON VOCs

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB79-24 (ARCHIVE)	11/15/06	1520	S		5	✓	✓	✓								✓
2	SB79-12 MS-S11	↓	1511	↓		1		✓	✓								
3	↓ MD-S11		1511			1		✓	✓								
4	SB79-18 MS-S12		1514			4	✓	✓	✓								
5	↓ MD-S12		1514			4	✓	~~✓~~	~~✓~~	} no metals							
6	SB79-24 DS-16 (ARCHIVE)		1520			4	✓	~~✓~~	~~✓~~								✓
7	↓ MS-S13 (ARCHIVE)		1520			4	✓										✓
8	↓ MD-S13 (ARCHIVE)		1520			4	✓										✓
9	RS-2		1530			1											
10																	

Sampler(s) Please Print & Sign: | Shipment Method: | Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other | Results Due Date:

Relinquished by:	Date: 11/15/06	Time: 1630	Received by:	Notes: 10 Day TAT.
Relinquished by:	Date:	Time:	Received by (Laboratory): [signature] 11/16/06 0910	e-Lab Analytical Cooler ID: / Cooler Temp:
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

QC Package (Check One Box Below): ☐ Level II Std QC ☑ TRRP CheckList ☐ Level III Std QC/Raw Data ☐ TRRP Level IV ☐ Level IV SW846/CLP ☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
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Sample Receipt Checklist

Client Name GOLDER-HOU | Date/Time Received: 11/16/2006 9:10:00 AM

Work Order Number 0611293 | Received by RNG

Checklist completed by [signature] Signature 11/16/06 Date | Reviewed by PLL Initials 11/17/06 Date

Matrix Soil Water | Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☐	No ☑	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s)	2.2,3 1.2 4.2,1.3,4c	002	
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐

Adjusted? Checked by

Login Notes: Did not receive a 4 ounce container for SB7& DS-15 (Metals analysis was requested on the COC), did not login. One set of trip blank logged in without analysis.

Client contacted | Date contacted | Person contacted

Contacted by | Regarding

Comments

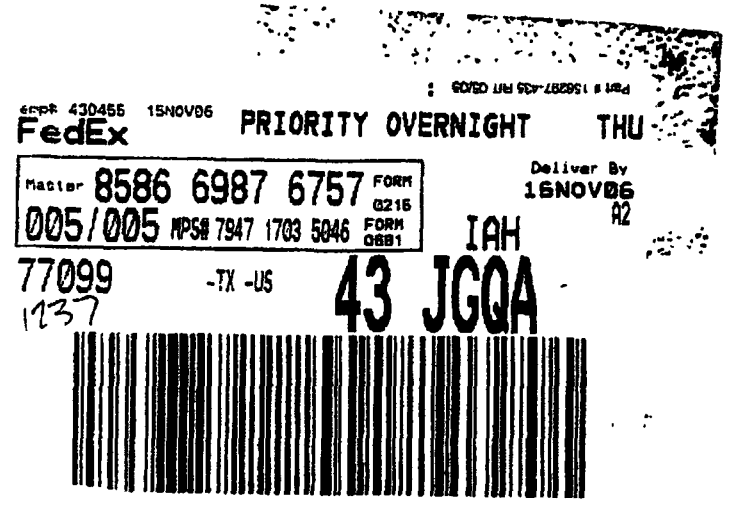
Corrective Action

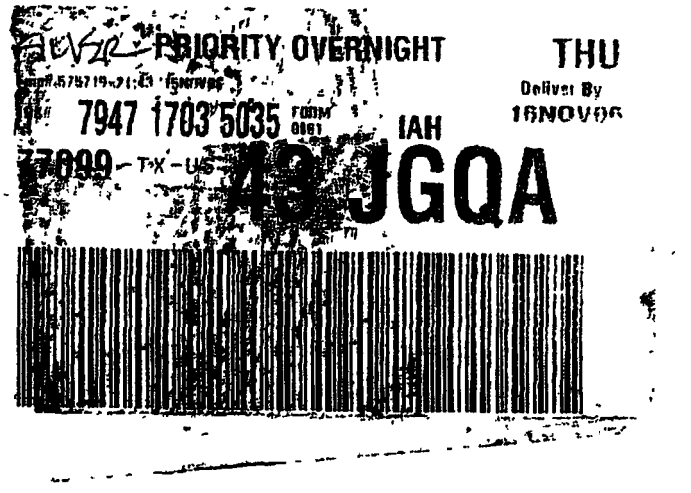
W.O# 061296

PRIORITY OVERNIGHT
THU
7947 1703 5024
IAH
16NOV06
77099 - TX - US
43 JGQA
SILVER

W.O.# 061129L

Part # 156287-435 RIT 03/05





emp# 430455 15NOV06

FedEx PRIORITY OVERNIGHT THU

Master 8586 6987 6757 FORM 0216

005/005 MPS# 7947 1703 5046 FORM 0681

Deliver By 16NOV06

A2

IAH

77099 -TX -US 43 JGQA

1237

FedEx PRIORITY OVERNIGHT THU

emp# 575719-21:43 15NOV06

Deliver By 16NOV06

7947 1703 5035 FORM 0681 IAH

77099 -TX -US 43 JGQA

This position can be removed for recipient's records.

Date 11/15/06 FedEx Tracking Number 12 858669876757

Sender's Name Jack Plitt Phone [illegible]

Company Golder Associates

Address ~~1563~~ 500 Century Plaza Dr Ste 140

Dept/Floor/Suite/Room

City Houston State TX ZIP 77073

Your Internal Billing Reference [illegible] 100

W.O.# 0611296

e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

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CUSTODY SEAL

Date: 11/15/2006 Time: 1630
Name: JUDE UTLEY
Company: GOLDER

Seal Broken By: RMG
Date: 11/16/06

e-Lab Analytical

10450 Stancliff Rd. Suite 210
Houston, Texas 77099
Phone: 281-530-5656 Fax: 281-530-5887

Client: Golder
Project: Wylie
Sample ID: CVS
Date: 11/15/06
Analysis: Metals, Mo
Collect By: JUDE UTLEY
Preservative: Neat
RMG 11/16/06

SILVER

e-Lab Analytical

10450 Stancliff Rd. Suite 210
Houston, Texas 77099
Phone: 281-530-5656 Fax: 281-530-5887

Client: Golder
Project: Wylie, TX
Sample ID: CVS
Date: 11/15/06
Analysis: Metals, Mo
Collect By: JUDE UTLEY
Preservative: Neat
RMG 11/16/06

0100

e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

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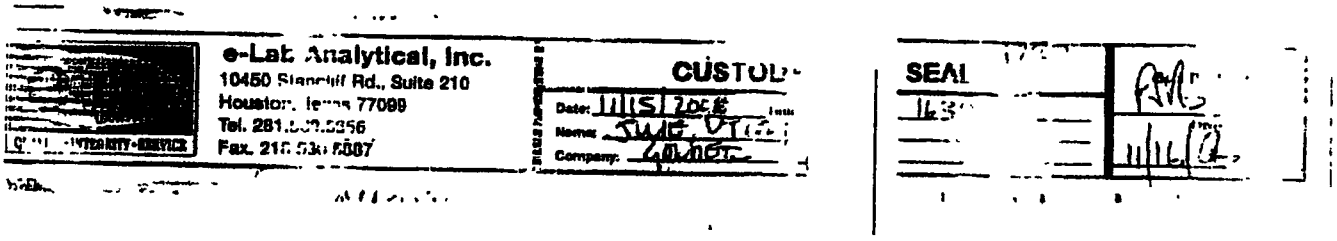
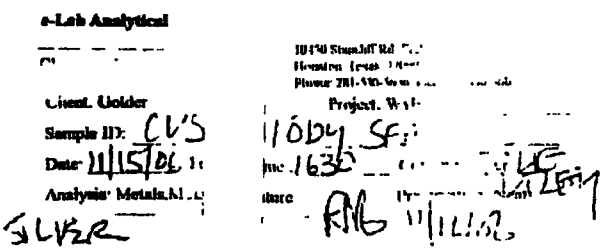
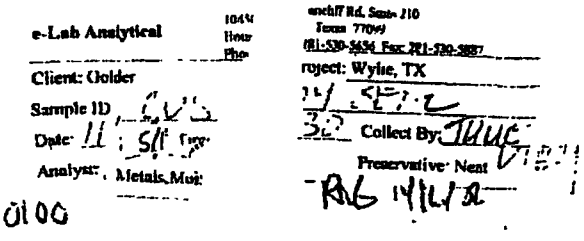
CUSTODY SEAL

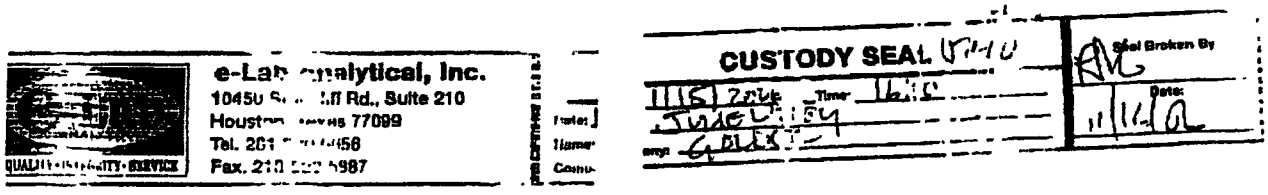
Date: 11/15/2006 Time: 1630
Name: JUDE UTLEY
Company: GOLDER

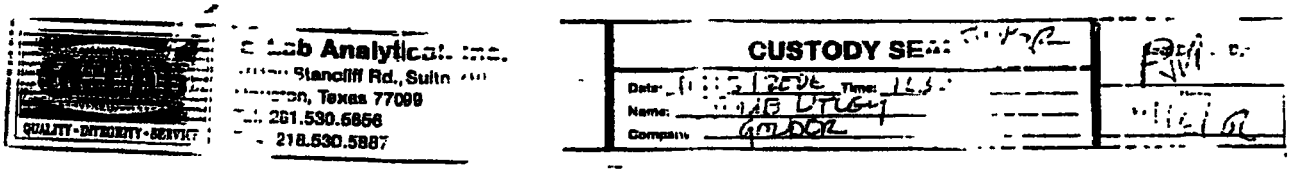
Seal Broken By: RMG
Date: 11/16/06











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QUALITY • INTEGRITY • SERVICE

CUSTODY SEAL

Date: 11/15/2006 Time: 1630
Name: JUDE UTLEY
Company: GOLDER

Seal Broken By: RMG
Date: 11/16/06

Analytical Report

Golder Associates, Inc.
CRI - Superfund
Work Order 0611296

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB73-06
Work Order:	0611296	**Collection Date:**	11/15/2006 1 45:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-01	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep: SW7471A / 11/21/06		Analyst: JCJ
Mercury	1,100		8.0	75.7	µg/Kg-dry	5	11/21/2006
ICP METALS		Method SW6020			Prep SW3050A / 11/18/06		Analyst: ALR
Antimony	2.00		0.15	0.522	mg/Kg-dry	1	11/19/2006
Arsenic	2.22		0.14	0.522	mg/Kg-dry	1	11/19/2006
Barium	441		7.3	52.2	mg/Kg-dry	100	11/20/2006
Beryllium	0.531		0.031	0.522	mg/Kg-dry	1	11/19/2006
Cadmium	1.25		0.031	0.522	mg/Kg-dry	1	11/19/2006
Chromium	282		7.3	52.2	mg/Kg-dry	100	11/20/2006
Copper	170		0.042	0.522	mg/Kg-dry	1	11/19/2006
Lead	1,190		9.4	52.2	mg/Kg-dry	100	11/20/2006
Nickel	58.1		0.083	0.522	mg/Kg-dry	1	11/19/2006
Selenium	0.886		0.20	0.522	mg/Kg-dry	1	11/19/2006
Silver	0.117	J	0.021	0.522	mg/Kg-dry	1	11/19/2006
Thallium	0.183	J	0.052	0.522	mg/Kg-dry	1	11/19/2006
Zinc	760		10	52.2	mg/Kg-dry	100	11/20/2006
PERCENT MOISTURE		Method E160.3					Analyst. MAM
Percent Moisture	14.4		0.010	0.0100	wt%	1	11/17/2006

Qualifiers.

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB73-12
Work Order:	0611296	**Collection Date:**	11/15/2006 1:46:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-02	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/21/06		Analyst: JCJ
Mercury	22.5		1.7	15.9	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep SW3050A / 11/18/06		Analyst ALR
Antimony	0.460	J	0.16	0.552	mg/Kg-dry	1	11/19/2006
Arsenic	2.48		0.14	0.552	mg/Kg-dry	1	11/19/2006
Barium	219		1.5	11.0	mg/Kg-dry	20	11/20/2006
Beryllium	0.777		0.033	0.552	mg/Kg-dry	1	11/19/2006
Cadmium	0.141	J	0.033	0.552	mg/Kg-dry	1	11/19/2006
Chromium	36.2		0.077	0.552	mg/Kg-dry	1	11/19/2006
Copper	13.8		0.044	0.552	mg/Kg-dry	1	11/19/2006
Lead	117		2.0	11.0	mg/Kg-dry	20	11/20/2006
Nickel	12.8		0.088	0.552	mg/Kg-dry	1	11/19/2006
Selenium	0.735		0.21	0.552	mg/Kg-dry	1	11/19/2006
Silver	0.0544	J	0.022	0.552	mg/Kg-dry	1	11/19/2006
Thallium	0.167	J	0.055	0.552	mg/Kg-dry	1	11/19/2006
Zinc	72.6		2.2	11.0	mg/Kg-dry	20	11/20/2006
PERCENT MOISTURE			Method E160.3				Analyst: MAM
Percent Moisture	15.9		0.010	0.0100	wt%	1	11/17/2006

Qualifiers:

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- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB73-18
Work Order:	0611296	**Collection Date:**	11/15/2006 1:48:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-03	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method	**SW7471A**		Prep: SW7471A / 11/21/06		Analyst: JCJ
Mercury	**9.58**	J	**1.7**	**15.9**	**µg/Kg-dry**	1	11/21/2006
ICP METALS		Method	**SW6020**		Prep: SW3050A / 11/20/06		Analyst: SA
Antimony	**0.177**	J	**0.16**	**0.564**	**mg/Kg-dry**	1	11/21/2006
Arsenic	**3.55**		**0.14**	**0.564**	**mg/Kg-dry**	1	11/21/2006
Barium	**192**		**0.078**	**0.564**	**mg/Kg-dry**	1	11/21/2006
Beryllium	**0.758**		**0.033**	**0.564**	**mg/Kg-dry**	1	11/21/2006
Cadmium	**0.104**	J	**0.033**	**0.564**	**mg/Kg-dry**	1	11/21/2006
Chromium	**14.7**		**0.078**	**0.564**	**mg/Kg-dry**	1	11/21/2006
Copper	**8.02**		**0.044**	**0.564**	**mg/Kg-dry**	1	11/21/2006
Lead	**22.0**		**0.10**	**0.564**	**mg/Kg-dry**	1	11/21/2006
Nickel	**13.5**		**0.089**	**0.564**	**mg/Kg-dry**	1	11/21/2006
Selenium	**1.23**		**0.21**	**0.564**	**mg/Kg-dry**	1	11/21/2006
Silver	U		0.022	0.554	mg/Kg-dry	1	11/21/2006
Thallium	**0.186**	J	**0.055**	**0.564**	**mg/Kg-dry**	1	11/21/2006
Zinc	**25.8**		**0.11**	**0.564**	**mg/Kg-dry**	1	11/21/2006
TCL VOLATILE ORGANICS		Method	**SW8260**				Analyst: HLBW
1,1,1-Trichloroethane	U		0 70	5 0	µg/Kg-dry	0 813	11/28/2006
1,1,2,2-Tetrachloroethane	U		0 50	5 0	µg/Kg-dry	0 813	11/28/2006
1,1,2-Trichloroethane	U		0.50	5.0	µg/Kg-dry	0 813	11/28/2006
1,1-Dichloroethane	U		0 80	5 0	µg/Kg-dry	0 813	11/28/2006
1,1-Dichloroethene	**2.7**	J	**1.0**	**5.0**	**µg/Kg-dry**	0.813	11/28/2006
1,2-Dichloroethane	U		0 60	5 0	µg/Kg-dry	0 813	11/28/2006
1,2-Dichloropropane	U		0 60	5.0	µg/Kg-dry	0 813	11/28/2006
2-Butanone	U		0 70	10	µg/Kg-dry	0.813	11/28/2006
Benzene	U		0 60	5 0	µg/Kg-dry	0 813	11/28/2006
Bromoform	U		0.50	10	µg/Kg-dry	0.813	11/28/2006
Bromomethane	U		1 0	10	µg/Kg-dry	0 813	11/28/2006
Carbon tetrachloride	U		1 0	5 0	µg/Kg-dry	0 813	11/28/2006
Chlorobenzene	U		0 70	5.0	µg/Kg-dry	0 813	11/28/2006
Chloroethane	U		1 6	10	µg/Kg-dry	0.813	11/28/2006
Chloroform	U		0 90	5 0	µg/Kg-dry	0 813	11/28/2006
Chloromethane	U		1.1	10	µg/Kg-dry	0 813	11/28/2006
cis-1,3-Dichloropropene	U		0 60	5 0	µg/Kg-dry	0 813	11/28/2006
Dichloromethane	**3.4**	J	**3.0**	**10**	**µg/Kg-dry**	0.813	11/28/2006
Ethylbenzene	U		0 80	5 0	µg/Kg-dry	0 813	11/28/2006
Tetrachloroethene	U		0 60	5 0	µg/Kg-dry	0 813	11/28/2006
Toluene	U		0.60	5 0	µg/Kg-dry	0 813	11/28/2006
trans-1,2-Dichloroethene	U		1 0	5.0	µg/Kg-dry	0 813	11/28/2006

Qualifiers:

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P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB73-18
Work Order:	0611296	**Collection Date:**	11/15/2006 1:48:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-03	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.60	5.0	µg/Kg-dry	0.813	11/28/2006
Trichloroethene	**22**		**0.60**	**5.0**	**µg/Kg-dry**	0.813	11/28/2006
Vinyl chloride	U		0.60	2.0	µg/Kg-dry	0.813	11/28/2006
Xylenes, Total	U		1.5	15	µg/Kg-dry	0.813	11/28/2006
Surr: 1,2-Dichloroethane-d4	*95.7*			*70-128*	*%REC*	0.813	11/28/2006
Surr: 4-Bromofluorobenzene	*91.5*			*73-126*	*%REC*	0.813	11/28/2006
Surr: Dibromofluoromethane	*97.5*			*71-128*	*%REC*	0.813	11/28/2006
Surr: Toluene-d8	*97.3*			*73-127*	*%REC*	0.813	11/28/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst **MAM**
Percent Moisture	**18.7**		**0.010**	**0.0100**	**wt%**	1	11/17/2006

Qualifiers:

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB74-06
Work Order:	0611296	**Collection Date:**	11/15/2006 1:58:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-05	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep: SW7471A / 11/21/06		Analyst: JCJ
Mercury	173		1.6	15.6	µg/Kg-dry	1	11/21/2006
ICP METALS		Method: SW6020			Prep: SW3050A / 11/20/06		Analyst SA
Antimony	2.34		0.16	0.561	mg/Kg-dry	1	11/21/2006
Arsenic	3.66		0.15	0.561	mg/Kg-dry	1	11/21/2006
Barium	395		7.9	56.1	mg/Kg-dry	100	11/22/2006
Beryllium	0.553	J	0.034	0.561	mg/Kg-dry	1	11/21/2006
Cadmium	0.705		0.034	0.561	mg/Kg-dry	1	11/21/2006
Chromium	354		7.9	56.1	mg/Kg-dry	100	11/22/2006
Copper	58.7		0.045	0.561	mg/Kg-dry	1	11/21/2006
Lead	1,520		10	56.1	mg/Kg-dry	100	11/22/2006
Nickel	13.7		0.090	0.561	mg/Kg-dry	1	11/21/2006
Selenium	1.10		0.21	0.561	mg/Kg-dry	1	11/21/2006
Silver	0.0233	J	0.022	0.561	mg/Kg-dry	1	11/21/2006
Thallium	0.125	J	0.066	0.561	mg/Kg-dry	1	11/21/2006
Zinc	887		11	56.1	mg/Kg-dry	100	11/22/2006
PERCENT MOISTURE		Method: E160.3					Analyst MAM
Percent Moisture	16.0		0.010	0.0100	wt%	1	11/17/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB75-06
Work Order:	0611296	**Collection Date:**	11/15/2006 2 12:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-09	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/21/06		Analyst: JCJ
Mercury	17.4		1.7	15.9	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/20/06		Analyst: SA
Antimony	U		0 16	0 576	mg/Kg-dry	1	11/21/2006
Arsenic	5.39		0.15	0.576	mg/Kg-dry	1	11/21/2006
Barium	271		1.6	11.5	mg/Kg-dry	20	11/22/2006
Beryllium	0.695		0.035	0.576	mg/Kg-dry	1	11/21/2006
Cadmium	0.149	J	0.035	0.576	mg/Kg-dry	1	11/21/2006
Chromium	12.2		0.081	0.576	mg/Kg-dry	1	11/21/2006
Copper	9.46		0.046	0.576	mg/Kg-dry	1	11/21/2006
Lead	38.8		0.10	0.576	mg/Kg-dry	1	11/21/2006
Nickel	17.9		0.092	0.576	mg/Kg-dry	1	11/21/2006
Selenium	1.23		0.22	0.576	mg/Kg-dry	1	11/21/2006
Silver	U		0.023	0.576	mg/Kg-dry	1	11/21/2006
Thallium	0.117	J	0.058	0.576	mg/Kg-dry	1	11/21/2006
Zinc	25.5		0.12	0.576	mg/Kg-dry	1	11/21/2006
PERCENT MOISTURE			Method E160.3				Analyst: MAM
Percent Moisture	17.3		0.010	0.0100	wt%	1	11/17/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas
Lab ID: 0611296-07

Client Sample ID: SB74-18
Collection Date: 11/15/2006 2:01:00 PM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method SW7471A			Prep SW7471A / 11/21/06		Analyst JCJ
Mercury	**8.64**	J	**1.7**	**16.6**	**µg/Kg-dry**	1	11/21/2006
ICP METALS		Method SW6020			Prep SW3050A / 11/20/06		Analyst. SA
Antimony	U		0 17	0.592	mg/Kg-dry	1	11/21/2006
Arsenic	**3.49**		**0.15**	**0.592**	**mg/Kg-dry**	1	11/21/2006
Barium	**155**		**0.083**	**0.592**	**mg/Kg-dry**	1	11/21/2006
Beryllium	**0.752**		**0.036**	**0.592**	**mg/Kg-dry**	1	11/21/2006
Cadmium	**0.0699**	J	**0.036**	**0.592**	**mg/Kg-dry**	1	11/21/2006
Chromium	**13.3**		**0.083**	**0.592**	**mg/Kg-dry**	1	11/21/2006
Copper	**7.23**		**0.047**	**0.592**	**mg/Kg-dry**	1	11/21/2006
Lead	**16.1**		**0.11**	**0.592**	**mg/Kg-dry**	1	11/21/2006
Nickel	**9.85**		**0.095**	**0.592**	**mg/Kg-dry**	1	11/21/2006
Selenium	**1.15**		**0.22**	**0.592**	**mg/Kg-dry**	1	11/21/2006
Silver	U		0.024	0 592	mg/Kg-dry	1	11/21/2006
Thallium	**0.0982**	J	**0.069**	**0.592**	**mg/Kg-dry**	1	11/21/2006
Zinc	**22.6**		**0.12**	**0.592**	**mg/Kg-dry**	1	11/21/2006
TCL VOLATILE ORGANICS		Method SW8260					Analyst: HLBW
1,1,1-Trichloroethane	U		0 79	5.7	µg/Kg-dry	0 901	11/27/2006
1,1,2,2-Tetrachloroethane	U		0 57	5 7	µg/Kg-dry	0 901	11/27/2006
1,1,2-Trichloroethane	U		0 57	5 7	µg/Kg-dry	0 901	11/27/2006
1,1-Dichloroethane	U		0 90	5 7	µg/Kg-dry	0 901	11/27/2006
1,1-Dichloroethene	**2.4**	J	**1.1**	**5.7**	**µg/Kg-dry**	0.901	11/27/2006
1,2-Dichloroethane	U		0.68	5.7	µg/Kg-dry	0.901	11/27/2006
1,2-Dichloropropane	U		0.68	5.7	µg/Kg-dry	0.901	11/27/2006
2-Butanone	U		0.79	11	µg/Kg-dry	0 901	11/27/2006
Benzene	U		0 68	5 7	µg/Kg-dry	0 901	11/27/2006
Bromoform	U		0.57	11	µg/Kg-dry	0 901	11/27/2006
Bromomethane	U		1 1	11	µg/Kg-dry	0 901	11/27/2006
Carbon tetrachlonde	U		1.1	5 7	µg/Kg-dry	0.901	11/27/2006
Chlorobenzene	U		0.79	5 7	µg/Kg-dry	0 901	11/27/2006
Chloroethane	U		1.8	11	µg/Kg-dry	0.901	11/27/2006
Chloroform	U		1.0	5 7	µg/Kg-dry	0.901	11/27/2006
Chloromethane	U		1.2	11	µg/Kg-dry	0.901	11/27/2006
cis-1,3-Dichloropropene	U		0 68	5 7	µg/Kg-dry	0 901	11/27/2006
Dichloromethane	U		3 4	11	µg/Kg-dry	0 901	11/27/2006
Ethylbenzene	U		0 90	5 7	µg/Kg-dry	0 901	11/27/2006
Tetrachloroethene	U		0 68	5 7	µg/Kg-dry	0 901	11/27/2006
Toluene	U		0 68	5 7	µg/Kg-dry	0 901	11/27/2006
trans-1,2-Dichloroethene	U		1 1	5 7	µg/Kg-dry	0.901	11/27/2006

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* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB75-18
Work Order:	0611296	**Collection Date:**	11/15/2006 2:15:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-11	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/21/06		Analyst JCJ
Mercury	**6.52**	J	**1.8**	**17.1**	**µg/Kg-dry**	1	11/21/2006
ICP METALS			Method SW6020		Prep: SW3050A / 11/20/06		Analyst SA
Antimony	U		0.18	0.637	mg/Kg-dry	1	11/21/2006
Arsenic	**4.84**		**0.17**	**0.637**	**mg/Kg-dry**	1	11/21/2006
Barium	**239**		**0.089**	**0.637**	**mg/Kg-dry**	1	11/21/2006
Beryllium	**0.897**		**0.038**	**0.637**	**mg/Kg-dry**	1	11/21/2006
Cadmium	**0.106**	J	**0.038**	**0.637**	**mg/Kg-dry**	1	11/21/2006
Chromium	**16.3**		**0.089**	**0.637**	**mg/Kg-dry**	1	11/21/2006
Copper	**7.85**		**0.051**	**0.637**	**mg/Kg-dry**	1	11/21/2006
Lead	**21.8**		**0.11**	**0.637**	**mg/Kg-dry**	1	11/21/2006
Nickel	**16.5**		**0.10**	**0.637**	**mg/Kg-dry**	1	11/21/2006
Selenium	**1.41**		**0.24**	**0.637**	**mg/Kg-dry**	1	11/21/2006
Silver	U		0.025	0.637	mg/Kg-dry	1	11/21/2006
Thallium	**0.152**	J	**0.064**	**0.637**	**mg/Kg-dry**	1	11/21/2006
Zinc	**27.9**		**0.13**	**0.637**	**mg/Kg-dry**	1	11/21/2006
TCL VOLATILE ORGANICS			Method SW8260				Analyst HLBW
1,1,1-Trichloroethane	U		0.77	5.5	µg/Kg-dry	0.847	11/29/2006
1,1,2,2-Tetrachloroethane	U		0.55	5.5	µg/Kg-dry	0.847	11/29/2006
1,1,2-Trichloroethane	U		0.55	5.5	µg/Kg-dry	0.847	11/29/2006
1,1-Dichloroethane	U		0.88	5.5	µg/Kg-dry	0.847	11/29/2006
1,1-Dichloroethene	U		1.1	5.5	µg/Kg-dry	0.847	11/29/2006
1,2-Dichloroethane	U		0.66	5.5	µg/Kg-dry	0.847	11/29/2006
1,2-Dichloropropane	U		0.66	5.5	µg/Kg-dry	0.847	11/29/2006
2-Butanone	U		0.77	11	µg/Kg-dry	0.847	11/29/2006
Benzene	U		0.66	5.5	µg/Kg-dry	0.847	11/29/2006
Bromoform	U		0.55	11	µg/Kg-dry	0.847	11/29/2006
Bromomethane	U		1.1	11	µg/Kg-dry	0.847	11/29/2006
Carbon tetrachloride	U		1.1	5.5	µg/Kg-dry	0.847	11/29/2006
Chlorobenzene	U		0.77	5.5	µg/Kg-dry	0.847	11/29/2006
Chloroethane	U		1.8	11	µg/Kg-dry	0.847	11/29/2006
Chloroform	U		0.99	5.5	µg/Kg-dry	0.847	11/29/2006
Chloromethane	U		1.2	11	µg/Kg-dry	0.847	11/29/2006
cis-1,3-Dichloropropene	U		0.66	5.5	µg/Kg-dry	0.847	11/29/2006
Dichloromethane	U		3.3	11	µg/Kg-dry	0.847	11/29/2006
Ethylbenzene	U		0.88	5.5	µg/Kg-dry	0.847	11/29/2006
Tetrachloroethene	U		0.66	5.5	µg/Kg-dry	0.847	11/29/2006
Toluene	U		0.66	5.5	µg/Kg-dry	0.847	11/29/2006
trans-1,2-Dichloroethene	U		1.1	5.5	µg/Kg-dry	0.847	11/29/2006

Qualifiers:

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas
Lab ID: 0611296-11

Client Sample ID: SB75-18
Collection Date: 11/15/2006 2:15:00 PM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.66	5.5	µg/Kg-dry	0.847	11/29/2006
Trichloroethene	**3.4**	**J**	**0.66**	**5.5**	**µg/Kg-dry**	0.847	11/29/2006
Vinyl chloride	U		0.66	2.2	µg/Kg-dry	0.847	11/29/2006
Xylenes, Total	U		1.7	17	µg/Kg-dry	0.847	11/29/2006
Surr: 1,2-Dichloroethane-d4	*96.1*			*70-128*	*%REC*	0.847	11/29/2006
Surr: 4-Bromofluorobenzene	*85.2*			*73-126*	*%REC*	0.847	11/29/2006
Surr: Dibromofluoromethane	*97.8*			*71-128*	*%REC*	0.847	11/29/2006
Surr: Toluene-d8	*98.3*			*73-127*	*%REC*	0.847	11/29/2006
PERCENT MOISTURE		**Method E160.3**					Analyst: **MAM**
Percent Moisture	**23.1**		**0.010**	**0.0100**	**wt%**	1	11/17/2006

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P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc. **Date:** *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB76-06
Work Order:	0611296	**Collection Date:**	11/15/2006 2:26:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-13	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep: SW7471A / 11/21/06		Analyst: JCJ
Mercury	17.6		1.7	16.2	µg/Kg-dry	1	11/21/2006
ICP METALS		Method: SW6020			Prep: SW3050A / 11/20/06		Analyst: SA
Antimony	0.172	J	0.16	0.556	mg/Kg-dry	1	11/22/2006
Arsenic	3.69		0.14	0.556	mg/Kg-dry	1	11/22/2006
Barium	219		0.078	0.556	mg/Kg-dry	1	11/22/2006
Beryllium	0.748		0.033	0.556	mg/Kg-dry	1	11/22/2006
Cadmium	0.214	J	0.033	0.556	mg/Kg-dry	1	11/22/2006
Chromium	17.8		0.078	0.556	mg/Kg-dry	1	11/22/2006
Copper	10.5		0.045	0.556	mg/Kg-dry	1	11/22/2006
Lead	46.7		0.10	0.556	mg/Kg-dry	1	11/22/2006
Nickel	13.6		0.089	0.556	mg/Kg-dry	1	11/22/2006
Selenium	1.13		0.21	0.556	mg/Kg-dry	1	11/22/2006
Silver	U		0.022	0.556	mg/Kg-dry	1	11/22/2006
Thallium	0.164	J	0.056	0.556	mg/Kg-dry	1	11/22/2006
Zinc	36.0		0.11	0.556	mg/Kg-dry	1	11/22/2006
PERCENT MOISTURE		Method: E160.3					Analyst: MAM
Percent Moisture	18.3		0.010	0.0100	wt%	1	11/17/2006

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P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB76-12
Work Order:	0611296	**Collection Date:**	11/15/2006 2:27:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-14	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/21/06		Analyst JCJ
Mercury	5.92	J	1.8	16.6	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep SW3050A / 11/20/06		Analyst SA
Antimony	U		0.16	0.580	mg/Kg-dry	1	11/22/2006
Arsenic	2.92		0.15	0.580	mg/Kg-dry	1	11/22/2006
Barium	183		0.081	0.580	mg/Kg-dry	1	11/22/2006
Beryllium	0.786		0.035	0.580	mg/Kg-dry	1	11/22/2006
Cadmium	0.0720	J	0.035	0.580	mg/Kg-dry	1	11/22/2006
Chromium	13.4		0.081	0.580	mg/Kg-dry	1	11/22/2006
Copper	7.09		0.046	0.580	mg/Kg-dry	1	11/22/2006
Lead	15.1		0.10	0.580	mg/Kg-dry	1	11/22/2006
Nickel	12.0		0.093	0.580	mg/Kg-dry	1	11/22/2006
Selenium	1.15		0.22	0.580	mg/Kg-dry	1	11/22/2006
Silver	U		0.023	0.580	mg/Kg-dry	1	11/22/2006
Thallium	0.103	J	0.058	0.580	mg/Kg-dry	1	11/22/2006
Zinc	23.2		0.12	0.580	mg/Kg-dry	1	11/22/2006
PERCENT MOISTURE			Method E160.3				Analyst MAM
Percent Moisture	21.0		0.010	0.0100	wt%	1	11/17/2006

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P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB76-18
Work Order:	0611296	**Collection Date:**	11/15/2006 2:29:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-15	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/21/06		Analyst: JCJ
Mercury	**4.26**	J	**1.8**	**16.6**	**µg/Kg-dry**	1	11/21/2006
ICP METALS			Method SW6020		Prep. SW3050A / 11/20/06		Analyst SA
Antimony	U		0.17	0.625	mg/Kg-dry	1	11/22/2006
Arsenic	**3.49**		**0.16**	**0.625**	**mg/Kg-dry**	1	11/22/2006
Barium	**230**		**1.7**	**12.5**	**mg/Kg-dry**	20	11/22/2006
Beryllium	**0.806**		**0.037**	**0.625**	**mg/Kg-dry**	1	11/22/2006
Cadmium	**0.0784**	J	**0.037**	**0.625**	**mg/Kg-dry**	1	11/22/2006
Chromium	**13.5**		**0.087**	**0.625**	**mg/Kg-dry**	1	11/22/2006
Copper	**7.39**		**0.050**	**0.625**	**mg/Kg-dry**	1	11/22/2006
Lead	**17.6**		**0.11**	**0.625**	**mg/Kg-dry**	1	11/22/2006
Nickel	**14.1**		**0.10**	**0.625**	**mg/Kg-dry**	1	11/22/2006
Selenium	**1.14**		**0.24**	**0.625**	**mg/Kg-dry**	1	11/22/2006
Silver	U		0.025	0.625	mg/Kg-dry	1	11/22/2006
Thallium	**0.123**	J	**0.062**	**0.625**	**mg/Kg-dry**	1	11/22/2006
Zinc	**24.1**		**0.12**	**0.625**	**mg/Kg-dry**	1	11/22/2006
TCL VOLATILE ORGANICS			Method SW8260				Analyst. HLBW
1,1,1-Trichloroethane	U		0.74	5.3	µg/Kg-dry	0.816	11/27/2006
1,1,2,2-Tetrachloroethane	U		0.53	5.3	µg/Kg-dry	0.816	11/27/2006
1,1,2-Trichloroethane	U		0.53	5.3	µg/Kg-dry	0.816	11/27/2006
1,1-Dichloroethane	U		0.84	5.3	µg/Kg-dry	0.816	11/27/2006
1,1-Dichloroethene	U		1.1	5.3	µg/Kg-dry	0.816	11/27/2006
1,2-Dichloroethane	U		0.63	5.3	µg/Kg-dry	0.816	11/27/2006
1,2-Dichloropropane	U		0.63	5.3	µg/Kg-dry	0.816	11/27/2006
2-Butanone	U		0.74	11	µg/Kg-dry	0.816	11/27/2006
Benzene	U		0.63	5.3	µg/Kg-dry	0.816	11/27/2006
Bromoform	U		0.53	11	µg/Kg-dry	0.816	11/27/2006
Bromomethane	U		1.1	11	µg/Kg-dry	0.816	11/27/2006
Carbon tetrachloride	U		1.1	5.3	µg/Kg-dry	0.816	11/27/2006
Chlorobenzene	U		0.74	5.3	µg/Kg-dry	0.816	11/27/2006
Chloroethane	U		1.7	11	µg/Kg-dry	0.816	11/27/2006
Chloroform	U		0.95	5.3	µg/Kg-dry	0.816	11/27/2006
Chloromethane	U		1.2	11	µg/Kg-dry	0.816	11/27/2006
cis-1,3-Dichloropropene	U		0.63	5.3	µg/Kg-dry	0.816	11/27/2006
Dichloromethane	U		3.2	11	µg/Kg-dry	0.816	11/27/2006
Ethylbenzene	U		0.84	5.3	µg/Kg-dry	0.816	11/27/2006
Tetrachloroethene	U		0.63	5.3	µg/Kg-dry	0.816	11/27/2006
Toluene	U		0.63	5.3	µg/Kg-dry	0.816	11/27/2006
trans-1,2-Dichloroethene	U		1.1	5.3	µg/Kg-dry	0.816	11/27/2006

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB76-18
Work Order:	0611296	**Collection Date:**	11/15/2006 2:29:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-15	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.63	5.3	µg/Kg-dry	0.816	11/27/2006
Trichloroethene	U		0.63	5.3	µg/Kg-dry	0.816	11/27/2006
Vinyl chloride	U		0.83	2.1	µg/Kg-dry	0.816	11/27/2006
Xylenes, Total	U		1.6	16	µg/Kg-dry	0.816	11/27/2006
Surr: 1,2-Dichloroethane-d4	*100*			*70-128*	*%REC*	0.816	11/27/2006
Surr: 4-Bromofluorobenzene	*83.6*			*73-126*	*%REC*	0.816	11/27/2006
Surr: Dibromofluoromethane	*104*			*71-128*	*%REC*	0.816	11/27/2006
Surr: Toluene-d8	*100*			*73-127*	*%REC*	0.816	11/27/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst **MAM**
Percent Moisture	**22.3**		**0.010**	**0.0100**	**wt%**	1	11/17/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB77-06
Work Order:	0611296	**Collection Date:**	11/15/2006 2:39:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-17	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/21/06		Analyst JCJ
Mercury	178		1.6	15.6	µg/Kg-dry	1	11/21/2006
ICP METALS			Method SW6020		Prep SW3050A / 11/20/06		Analyst SA
Antimony	0.320	J	0.15	0.538	mg/Kg-dry	1	11/22/2006
Arsenic	4.16		0.14	0.538	mg/Kg-dry	1	11/22/2006
Barium	276		1.5	10.8	mg/Kg-dry	20	11/22/2006
Beryllium	0.669		0.032	0.538	mg/Kg-dry	1	11/22/2006
Cadmium	0.486	J	0.032	0.538	mg/Kg-dry	1	11/22/2006
Chromium	53.5		0.075	0.538	mg/Kg-dry	1	11/22/2006
Copper	30.7		0.043	0.538	mg/Kg-dry	1	11/22/2006
Lead	226		1.9	10.8	mg/Kg-dry	20	11/22/2006
Nickel	16.4		0.086	0.538	mg/Kg-dry	1	11/22/2006
Selenium	1.16		0.20	0.538	mg/Kg-dry	1	11/22/2006
Silver	0.0262	J	0.022	0.538	mg/Kg-dry	1	11/22/2006
Thallium	0.106	J	0.054	0.538	mg/Kg-dry	1	11/22/2006
Zinc	214		2.2	10.8	mg/Kg-dry	20	11/22/2006
PERCENT MOISTURE			Method E160.3				Analyst MAM
Percent Moisture	17.8		0.010	0.0100	wt%	1	11/17/2006

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	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB77-12
Work Order:	0611296	**Collection Date:**	11/15/2006 2.46:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-18	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/21/06		Analyst JCJ
Mercury	22.8		1.7	15.9	µg/Kg-dry	1	11/21/2006
ICP METALS			Method SW6020		Prep: SW3050A / 11/20/06		Analyst. SA
Antimony	0.233	J	0.15	0.545	mg/Kg-dry	1	11/22/2006
Arsenic	3.71		0.14	0.545	mg/Kg-dry	1	11/22/2006
Barium	180		0.076	0.545	mg/Kg-dry	1	11/22/2006
Beryllium	0.725		0.033	0.545	mg/Kg-dry	1	11/22/2006
Cadmium	0.204	J	0.033	0.545	mg/Kg-dry	1	11/22/2006
Chromium	40.3		0.076	0.545	mg/Kg-dry	1	11/22/2006
Copper	14.8		0.044	0.545	mg/Kg-dry	1	11/22/2006
Lead	116		0.098	0.545	mg/Kg-dry	1	11/22/2006
Nickel	11.4		0.087	0.545	mg/Kg-dry	1	11/22/2006
Selenium	1.11		0.21	0.545	mg/Kg-dry	1	11/22/2006
Silver	U		0.022	0.545	mg/Kg-dry	1	11/22/2006
Thallium	0.115	J	0.055	0.545	mg/Kg-dry	1	11/22/2006
Zinc	80.2		0.11	0.545	mg/Kg-dry	1	11/22/2006
PERCENT MOISTURE			Method E160.3				Analyst. MAM
Percent Moisture	18.1		0.010	0.0100	wt%	1	11/17/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB77-18
Work Order:	0611296	**Collection Date:**	11/15/2006 2:42:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	*0611296-19*	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep: SW7471A / 11/21/06		Analyst JCJ
Mercury	8.84	J	1.7	16.5	µg/Kg-dry	1	11/21/2006
ICP METALS			Method SW6020		Prep: SW3050A / 11/20/06		Analyst SA
Antimony	U		0.16	0.580	mg/Kg-dry	1	11/22/2006
Arsenic	3.63		0.15	0.580	mg/Kg-dry	1	11/22/2006
Barium	199		0.081	0.580	mg/Kg-dry	1	11/22/2006
Beryllium	0.776		0.035	0.580	mg/Kg-dry	1	11/22/2006
Cadmium	0.104	J	0.035	0.580	mg/Kg-dry	1	11/22/2006
Chromium	16.6		0.081	0.580	mg/Kg-dry	1	11/22/2006
Copper	7.07		0.046	0.580	mg/Kg-dry	1	11/22/2006
Lead	16.5		0.10	0.580	mg/Kg-dry	1	11/22/2006
Nickel	10.6		0.093	0.580	mg/Kg-dry	1	11/22/2006
Selenium	1.37		0.22	0.580	mg/Kg-dry	1	11/22/2006
Silver	U		0.023	0.580	mg/Kg-dry	1	11/22/2006
Thallium	0.200	J	0.058	0.580	mg/Kg-dry	1	11/22/2006
Zinc	26.0		0.12	0.580	mg/Kg-dry	1	11/22/2006
TCL VOLATILE ORGANICS			Method SW8260				Analyst: HLBW
1,1,1-Trichloroethane	U		0.77	5.5	µg/Kg-dry	0.868	11/29/2006
1,1,2,2-Tetrachloroethane	U		0.55	5.5	µg/Kg-dry	0.868	11/29/2006
1,1,2-Trichloroethane	U		0.55	5.5	µg/Kg-dry	0.868	11/29/2006
1,1-Dichloroethane	U		0.88	5.5	µg/Kg-dry	0.868	11/29/2006
1,1-Dichloroethene	U		1.1	5.5	µg/Kg-dry	0.868	11/29/2006
1,2-Dichloroethane	U		0.66	5.5	µg/Kg-dry	0.868	11/29/2006
1,2-Dichloropropane	U		0.66	5.5	µg/Kg-dry	0.868	11/29/2006
2-Butanone	U		0.77	11	µg/Kg-dry	0.868	11/29/2006
Benzene	U		0.66	5.5	µg/Kg-dry	0.868	11/29/2006
Bromoform	U		0.55	11	µg/Kg-dry	0.868	11/29/2006
Bromomethane	U		1.1	11	µg/Kg-dry	0.868	11/29/2006
Carbon tetrachloride	U		1.1	5.5	µg/Kg-dry	0.868	11/29/2006
Chlorobenzene	U		0.77	5.5	µg/Kg-dry	0.868	11/29/2006
Chloroethane	U		1.8	11	µg/Kg-dry	0.868	11/29/2006
Chloroform	U		0.99	5.5	µg/Kg-dry	0.868	11/29/2006
Chloromethane	U		1.2	11	µg/Kg-dry	0.868	11/29/2006
cis-1,3-Dichloropropene	U		0.66	5.5	µg/Kg-dry	0.868	11/29/2006
Dichloromethane	U		3.3	11	µg/Kg-dry	0.868	11/29/2006
Ethylbenzene	U		0.88	5.5	µg/Kg-dry	0.868	11/29/2006
Tetrachloroethene	6.6		0.66	5.5	µg/Kg-dry	0.868	11/29/2006
Toluene	U		0.66	5.5	µg/Kg-dry	0.868	11/29/2006
trans-1,2-Dichloroethene	U		1.1	5.5	µg/Kg-dry	0.868	11/29/2006

Qualifiers:

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB77-18
Work Order:	0611296	**Collection Date:**	11/15/2006 2:42:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-19	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.66	5.5	µg/Kg-dry	0.868	11/29/2006
Trichloroethene	**67**		**0.66**	**5.5**	**µg/Kg-dry**	0.868	11/29/2006
Vinyl chloride	U		0.66	2.2	µg/Kg-dry	0.868	11/29/2006
Xylenes, Total	U		1.6	16	µg/Kg-dry	0.868	11/29/2006
Surr: 1,2-Dichloroethane-d4	*96.3*			*70-128*	*%REC*	0.868	11/29/2006
Surr: 4-Bromofluorobenzene	*84.6*			*73-126*	*%REC*	0.868	11/29/2006
Surr: Dibromofluoromethane	*99.9*			*71-128*	*%REC*	0.868	11/29/2006
Surr: Toluene-d8	*98.2*			*73-127*	*%REC*	0.868	11/29/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst **MAM**
Percent Moisture	**20.8**		**0.010**	**0.0100**	**wt%**	1	11/17/2006

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S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB77-24 (Archive)
Work Order:	0611296	**Collection Date:**	11/15/2006 2:44:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-20	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**Method SW8260**					Analyst: **HLBW**
1,1,1-Trichloroethane	U		0 73	5 2	µg/Kg-dry	0 809	11/28/2006
1,1,2,2-Tetrachloroethane	U		0 52	5.2	µg/Kg-dry	0 809	11/28/2006
1,1,2-Trichloroethane	U		0 52	5.2	µg/Kg-dry	0.809	11/28/2006
1,1-Dichloroethane	U		0 83	5.2	µg/Kg-dry	0.809	11/28/2006
1,1-Dichloroethene	U		1.0	5.2	µg/Kg-dry	0 809	11/28/2006
1,2-Dichloroethane	U		0 62	5.2	µg/Kg-dry	0.809	11/28/2006
1,2-Dichloropropane	U		0.62	5.2	µg/Kg-dry	0 809	11/28/2006
2-Butanone	U		0 73	10	µg/Kg-dry	0 809	11/28/2006
Benzene	U		0.62	5 2	µg/Kg-dry	0 809	11/28/2006
Bromoform	U		0.52	10	µg/Kg-dry	0 809	11/28/2006
Bromomethane	U		1 0	10	µg/Kg-dry	0 809	11/28/2006
Carbon tetrachlonde	U		1 0	5 2	µg/Kg-dry	0 809	11/28/2006
Chlorobenzene	U		0 73	5 2	µg/Kg-dry	0.809	11/28/2006
Chloroethane	U		1 7	10	µg/Kg-dry	0 809	11/28/2006
Chloroform	U		0 93	5.2	µg/Kg-dry	0 809	11/28/2006
Chloromethane	U		1.1	10	µg/Kg-dry	0 809	11/28/2006
cis-1,3-Dichloropropene	U		0 62	5 2	µg/Kg-dry	0 809	11/28/2006
Dichloromethane	U		3 1	10	µg/Kg-dry	0.809	11/28/2006
Ethylbenzene	U		0 83	5.2	µg/Kg-dry	0.809	11/28/2006
Tetrachloroethene	**2.8**	J	**0.62**	**5.2**	**µg/Kg-dry**	0 809	11/28/2006
Toluene	U		0 62	5 2	µg/Kg-dry	0.809	11/28/2006
trans-1,2-Dichloroethene	U		1.0	5 2	µg/Kg-dry	0.809	11/28/2006
trans-1,3-Dichloropropene	U		0.62	5 2	µg/Kg-dry	0 809	11/28/2006
Trichloroethene	U		0.62	5 2	µg/Kg-dry	0.809	11/28/2006
Vinyl chlonde	U		0 62	2 1	µg/Kg-dry	0 809	11/28/2006
Xylenes, Total	U		1 6	16	µg/Kg-dry	0 809	11/28/2006
Surr 1,2-Dichloroethane-d4	*96 8*			*70-128*	*%REC*	0 809	11/28/2006
Surr 4-Bromofluorobenzene	*86 9*			*73-126*	*%REC*	0 809	11/28/2006
Surr Dibromofluoromethane	*97 2*			*71-128*	*%REC*	0 809	11/28/2006
Surr Toluene-d8	*97 6*			*73-127*	*%REC*	0 809	11/28/2006
PERCENT MOISTURE		**Method E160.3**					Analyst **PV**
Percent Moisture	**22.0**		**0.010**	**0.0100**	**wt%**	1	11/29/2006

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P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB78-06
Work Order:	0611296	**Collection Date:**	11/15/2006 2:55:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-21	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep SW7471A / 11/21/06		Analyst JCJ
Mercury	29.1		1.6	15.4	µg/Kg-dry	1	11/21/2006
ICP METALS		Method SW6020			Prep SW3050A / 11/20/06		Analyst SA
Antimony	1.77		0.15	0.537	mg/Kg-dry	1	11/22/2006
Arsenic	5.94		0.14	0.537	mg/Kg-dry	1	11/22/2006
Barium	450		7.5	53.7	mg/Kg-dry	100	11/22/2006
Beryllium	0.545		0.032	0.537	mg/Kg-dry	1	11/22/2006
Cadmium	0.786		0.032	0.537	mg/Kg-dry	1	11/22/2006
Chromium	236		7.5	53.7	mg/Kg-dry	100	11/22/2006
Copper	53.2		0.043	0.537	mg/Kg-dry	1	11/22/2006
Lead	913		9.7	53.7	mg/Kg-dry	100	11/22/2006
Nickel	22.0		0.086	0.537	mg/Kg-dry	1	11/22/2006
Selenium	1.63		0.20	0.537	mg/Kg-dry	1	11/22/2006
Silver	U		0.021	0.537	mg/Kg-dry	1	11/22/2006
Thallium	0.119	J	0.054	0.537	mg/Kg-dry	1	11/22/2006
Zinc	598		11	53.7	mg/Kg-dry	100	11/22/2006
PERCENT MOISTURE		Method: E160.3					Analyst MAM
Percent Moisture	15.4		0.010	0.0100	wt%	1	11/17/2006

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E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB78-12
Work Order:	0611296	**Collection Date:**	11/15/2006 2:56:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-22	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/21/06		Analyst: JCJ
Mercury	16.8		1.7	16.4	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/20/06		Analyst: SA
Antimony	0.969		0.16	0.589	mg/Kg-dry	1	11/23/2006
Arsenic	4.46		0.15	0.589	mg/Kg-dry	1	11/23/2006
Barium	236		1.6	11.8	mg/Kg-dry	20	11/27/2006
Beryllium	0.796		0.035	0.589	mg/Kg-dry	1	11/23/2006
Cadmium	0.364	J	0.035	0.589	mg/Kg-dry	1	11/23/2006
Chromium	65.8		0.082	0.589	mg/Kg-dry	1	11/23/2006
Copper	23.7		0.047	0.589	mg/Kg-dry	1	11/23/2006
Lead	274		2.1	11.8	mg/Kg-dry	20	11/27/2006
Nickel	16.1		0.094	0.589	mg/Kg-dry	1	11/23/2006
Selenium	1.41		0.22	0.589	mg/Kg-dry	1	11/23/2006
Silver	U		0.024	0.589	mg/Kg-dry	1	11/23/2006
Thallium	0.160	J	0.059	0.589	mg/Kg-dry	1	11/23/2006
Zinc	323		2.4	11.8	mg/Kg-dry	20	11/27/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	19.9		0.010	0.0100	wt%	1	11/17/2006

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S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB78-18
Work Order:	0611296	**Collection Date:**	11/15/2006 2:58:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-23	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method	**SW7471A**		Prep: SW7471A / 11/21/06		Analyst: **JCJ**
Mercury	**2.30**	J	**1.7**	**16.4**	**µg/Kg-dry**	1	11/21/2006
ICP METALS		Method	**SW6020**		Prep: SW3050A / 11/20/06		Analyst **SA**
Antimony	U		0.16	0.586	mg/Kg-dry	1	11/23/2006
Arsenic	**3.32**		**0.15**	**0.586**	**mg/Kg-dry**	1	11/23/2006
Barium	**166**		**0.082**	**0.586**	**mg/Kg-dry**	1	11/23/2006
Beryllium	**0.766**		**0.035**	**0.586**	**mg/Kg-dry**	1	11/23/2006
Cadmium	**0.0704**	J	**0.035**	**0.586**	**mg/Kg-dry**	1	11/23/2006
Chromium	**18.9**		**0.082**	**0.586**	**mg/Kg-dry**	1	11/23/2006
Copper	**7.98**		**0.047**	**0.586**	**mg/Kg-dry**	1	11/23/2006
Lead	**44.3**		**0.11**	**0.586**	**mg/Kg-dry**	1	11/23/2006
Nickel	**10.5**		**0.094**	**0.586**	**mg/Kg-dry**	1	11/23/2006
Selenium	**1.48**		**0.22**	**0.586**	**mg/Kg-dry**	1	11/23/2006
Silver	U		0.023	0.586	mg/Kg-dry	1	11/23/2006
Thallium	**0.109**	J	**0.059**	**0.586**	**mg/Kg-dry**	1	11/23/2006
Zinc	**36.0**		**0.12**	**0.586**	**mg/Kg-dry**	1	11/23/2006
TCL VOLATILE ORGANICS		Method	**SW8260**				Analyst: **HLBW**
1,1,1-Trichloroethane	U		0.77	5.5	µg/Kg-dry	0.856	11/28/2006
1,1,2,2-Tetrachloroethane	U		0.55	5.5	µg/Kg-dry	0.856	11/28/2006
1,1,2-Trichloroethane	U		0.55	5.5	µg/Kg-dry	0.856	11/28/2006
1,1-Dichloroethane	U		0.87	5.5	µg/Kg-dry	0.856	11/28/2006
1,1-Dichloroethene	U		1.1	5.5	µg/Kg-dry	0.856	11/28/2006
1,2-Dichloroethane	U		0.66	5.5	µg/Kg-dry	0.856	11/28/2006
1,2-Dichloropropane	U		0.68	5.5	µg/Kg-dry	0.856	11/28/2006
2-Butanone	U		0.77	11	µg/Kg-dry	0.856	11/28/2006
Benzene	U		0.66	5.5	µg/Kg-dry	0.856	11/28/2006
Bromoform	U		0.55	11	µg/Kg-dry	0.856	11/28/2006
Bromomethane	U		1.1	11	µg/Kg-dry	0.856	11/28/2006
Carbon tetrachloride	U		1.1	5.5	µg/Kg-dry	0.856	11/28/2006
Chlorobenzene	U		0.77	5.5	µg/Kg-dry	0.856	11/28/2006
Chloroethane	U		1.7	11	µg/Kg-dry	0.856	11/28/2006
Chloroform	U		0.98	5.5	µg/Kg-dry	0.856	11/28/2006
Chloromethane	U		1.2	11	µg/Kg-dry	0.856	11/28/2006
cis-1,3-Dichloropropene	U		0.66	5.5	µg/Kg-dry	0.856	11/28/2006
Dichloromethane	U		3.3	11	µg/Kg-dry	0.856	11/28/2006
Ethylbenzene	U		0.87	5.5	µg/Kg-dry	0.856	11/28/2006
Tetrachloroethene	U		0.66	5.5	µg/Kg-dry	0.856	11/28/2006
Toluene	U		0.66	5.5	µg/Kg-dry	0.856	11/28/2006
trans-1,2-Dichloroethene	U		1.1	5.5	µg/Kg-dry	0.856	11/28/2006

Qualifiers:

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* - Value exceeds Maximum Contaminant Level
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P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB78-18
Work Order:	0611296	**Collection Date:**	11/15/2006 2:58.00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-23	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0 66	5 5	µg/Kg-dry	0.856	11/28/2006
Trichloroethene	*U*		*0.66*	*5 5*	*µg/Kg-dry*	*0 856*	*11/28/2006*
Vinyl chloride	U		0.66	2 2	µg/Kg-dry	0.856	11/28/2006
Xylenes, Total	U		1 6	16	µg/Kg-dry	0.856	11/28/2006
Surr 1,2-Dichloroethane-d4	*105*			*70-128*	*%REC*	0.856	11/28/2006
Surr 4-Bromofluorobenzene	*93 9*			*73-126*	*%REC*	0 856	11/28/2006
Surr Dibromofluoromethane	*109*			*71-128*	*%REC*	0 856	11/28/2006
Surr Toluene-d8	*108*			*73-127*	*%REC*	0 856	11/28/2006
PERCENT MOISTURE		Method E160.3					Analyst MAM
Percent Moisture	**21.7**		**0.010**	**0.0100**	**wt%**	1	11/17/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB78-12 DS-14
Work Order:	0611296	**Collection Date:**	11/15/2006 2:56:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-25	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/21/06		Analyst JCJ
Mercury	17.4		1.7	16.3	µg/Kg-dry	1	11/21/2006
ICP METALS			Method SW6020		Prep. SW3050A / 11/20/06		Analyst SA
Antimony	1.17		0.16	0.552	mg/Kg-dry	1	11/23/2006
Arsenic	3.96		0.14	0.552	mg/Kg-dry	1	11/23/2006
Barium	308		1.6	11.0	mg/Kg-dry	20	11/27/2006
Beryllium	0.742		0.033	0.552	mg/Kg-dry	1	11/23/2006
Cadmium	0.535	J	0.033	0.552	mg/Kg-dry	1	11/23/2006
Chromium	71.5		0.077	0.552	mg/Kg-dry	1	11/23/2006
Copper	22.5		0.044	0.552	mg/Kg-dry	1	11/23/2006
Lead	246		2.0	11.0	mg/Kg-dry	20	11/27/2006
Nickel	18.3		0.088	0.552	mg/Kg-dry	1	11/23/2006
Selenium	1.24		0.21	0.552	mg/Kg-dry	1	11/23/2006
Silver	U		0.022	0.552	mg/Kg-dry	1	11/23/2006
Thallium	0.105	J	0.055	0.552	mg/Kg-dry	1	11/23/2006
Zinc	328		2.2	11.0	mg/Kg-dry	20	11/27/2006
PERCENT MOISTURE			Method E160.3				Analyst MAM
Percent Moisture	19.1		0.010	0.0100	wt%	1	11/17/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc. **Date:** *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB78-18 DS-15
Work Order:	0611296	**Collection Date:**	11/15/2006 2:58:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-26	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**Method: SW8260**					**Analyst HLBW**
1,1,1-Trichloroethane	U		0.66	4.7	µg/Kg-dry	0.756	11/27/2006
1,1,2,2-Tetrachloroethane	U		0.47	4.7	µg/Kg-dry	0.756	11/27/2006
1,1,2-Trichloroethane	U		0.47	4.7	µg/Kg-dry	0.756	11/27/2006
1,1-Dichloroethane	U		0.75	4.7	µg/Kg-dry	0.756	11/27/2006
1,1-Dichloroethene	U		0.94	4.7	µg/Kg-dry	0.756	11/27/2006
1,2-Dichloroethane	U		0.57	4.7	µg/Kg-dry	0.756	11/27/2006
1,2-Dichloropropane	U		0.57	4.7	µg/Kg-dry	0.756	11/27/2006
2-Butanone	U		0.66	9.4	µg/Kg-dry	0.756	11/27/2006
Benzene	U		0.57	4.7	µg/Kg-dry	0.756	11/27/2006
Bromoform	U		0.47	9.4	µg/Kg-dry	0.756	11/27/2006
Bromomethane	U		0.94	9.4	µg/Kg-dry	0.756	11/27/2006
Carbon tetrachloride	U		0.94	4.7	µg/Kg-dry	0.756	11/27/2006
Chlorobenzene	U		0.66	4.7	µg/Kg-dry	0.756	11/27/2006
Chloroethane	U		1.5	9.4	µg/Kg-dry	0.756	11/27/2006
Chloroform	U		0.65	4.7	µg/Kg-dry	0.756	11/27/2006
Chloromethane	U		1.0	9.4	µg/Kg-dry	0.756	11/27/2006
cis-1,3-Dichloropropene	U		0.57	4.7	µg/Kg-dry	0.756	11/27/2006
Dichloromethane	U		2.8	9.4	µg/Kg-dry	0.756	11/27/2006
Ethylbenzene	U		0.75	4.7	µg/Kg-dry	0.756	11/27/2006
Tetrachloroethene	U		0.57	4.7	µg/Kg-dry	0.756	11/27/2006
Toluene	U		0.57	4.7	µg/Kg-dry	0.756	11/27/2006
trans-1,2-Dichloroethene	U		0.94	4.7	µg/Kg-dry	0.756	11/27/2006
trans-1,3-Dichloropropene	U		0.57	4.7	µg/Kg-dry	0.756	11/27/2006
Trichloroethene	U		0.57	4.7	µg/Kg-dry	0.756	11/27/2006
Vinyl chloride	U		0.57	1.9	µg/Kg-dry	0.756	11/27/2006
Xylenes, Total	U		1.4	14	µg/Kg-dry	0.756	11/27/2006
Surr: 1,2-Dichloroethane-d4	*98.1*			*70-128*	*%REC*	0.756	11/27/2006
Surr: 4-Bromofluorobenzene	*88.1*			*73-126*	*%REC*	0.756	11/27/2006
Surr: Dibromofluoromethane	*100*			*71-128*	*%REC*	0.756	11/27/2006
Surr: Toluene-d8	*97.3*			*73-127*	*%REC*	0.756	11/27/2006
PERCENT MOISTURE		**Method: E160.3**					**Analyst MAM**
Percent Moisture	**19.8**		**0.010**	**0.0100**	**wt%**	1	11/17/2006

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* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB79-06
Work Order:	0611296	**Collection Date:**	11/15/2006 3:10.00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-27	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/21/06		Analyst: JCJ
Mercury	22.6		1.8	17.4	µg/Kg-dry	1	11/21/2006
ICP METALS			Method SW6020		Prep: SW3050A / 11/20/06		Analyst: SA
Antimony	U		0.18	0.659	mg/Kg-dry	1	11/23/2006
Arsenic	5.12		0.17	0.659	mg/Kg-dry	1	11/23/2006
Barium	164		0.092	0.659	mg/Kg-dry	1	11/23/2006
Beryllium	0.738		0.040	0.659	mg/Kg-dry	1	11/23/2006
Cadmium	0.314	J	0.040	0.659	mg/Kg-dry	1	11/23/2006
Chromium	23.1		0.092	0.659	mg/Kg-dry	1	11/23/2006
Copper	17.7		0.053	0.659	mg/Kg-dry	1	11/23/2006
Lead	69.0		0.12	0.659	mg/Kg-dry	1	11/23/2006
Nickel	13.7		0.11	0.659	mg/Kg-dry	1	11/23/2006
Selenium	1.56		0.25	0.659	mg/Kg-dry	1	11/23/2006
Silver	U		0.026	0.659	mg/Kg-dry	1	11/23/2006
Thallium	0.143	J	0.066	0.659	mg/Kg-dry	1	11/23/2006
Zinc	106		0.13	0.659	mg/Kg-dry	1	11/23/2006
PERCENT MOISTURE			Method E160.3				Analyst: MAM
Percent Moisture	26.3		0.010	0.0100	wt%	1	11/17/2006

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- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB79-12
Work Order:	0611296	**Collection Date:**	11/15/2006 3:11:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-28	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method	SW7471A		Prep SW7471A / 11/21/06		Analyst: JCJ
Mercury	5.84	J	1.7	16.5	µg/Kg-dry	1	11/21/2006
ICP METALS		Method:	SW6020		Prep: SW3050A / 11/20/06		Analyst: SA
Antimony	U		0.17	0.591	mg/Kg-dry	1	11/23/2006
Arsenic	5.07		0.15	0.591	mg/Kg-dry	1	11/23/2006
Barium	319		1.7	11.8	mg/Kg-dry	20	11/27/2006
Beryllium	0.839		0.035	0.591	mg/Kg-dry	1	11/23/2006
Cadmium	0.247	J	0.035	0.591	mg/Kg-dry	1	11/23/2006
Chromium	14.6		0.083	0.591	mg/Kg-dry	1	11/23/2006
Copper	10.3		0.047	0.591	mg/Kg-dry	1	11/23/2006
Lead	32.6		0.11	0.591	mg/Kg-dry	1	11/23/2006
Nickel	22.6		0.094	0.591	mg/Kg-dry	1	11/23/2006
Selenium	1.40		0.22	0.591	mg/Kg-dry	1	11/23/2006
Silver	U		0.024	0.591	mg/Kg-dry	1	11/23/2006
Thallium	0.178	J	0.059	0.591	mg/Kg-dry	1	11/23/2006
Zinc	29.3		0.12	0.591	mg/Kg-dry	1	11/23/2006
PERCENT MOISTURE		Method:	E160.3				Analyst: MAM
Percent Moisture	21.6		0.010	0.0100	wt%	1	11/17/2006

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	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB79-18
Work Order:	0611296	**Collection Date:**	11/15/2006 3:14:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-29	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/21/06		Analyst: JCJ
Mercury	U		1 8	16 8	µg/Kg-dry	1	11/21/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/20/06		Analyst: SA
Antimony	U		0.17	0 613	mg/Kg-dry	1	11/23/2006
Arsenic	**3.23**		**0.16**	**0.613**	**mg/Kg-dry**	1	11/23/2006
Barium	**199**		**0.086**	**0.613**	**mg/Kg-dry**	1	11/23/2006
Beryllium	**0.830**		**0.037**	**0.613**	**mg/Kg-dry**	1	11/23/2006
Cadmium	**0.0948**	J	**0.037**	**0.613**	**mg/Kg-dry**	1	11/23/2006
Chromium	**14.6**		**0.086**	**0.613**	**mg/Kg-dry**	1	11/23/2006
Copper	**8.84**		**0.049**	**0.613**	**mg/Kg-dry**	1	11/23/2006
Lead	**15.8**		**0.11**	**0.613**	**mg/Kg-dry**	1	11/23/2006
Nickel	**14.3**		**0.098**	**0.613**	**mg/Kg-dry**	1	11/23/2006
Selenium	**1.30**		**0.23**	**0.613**	**mg/Kg-dry**	1	11/23/2006
Silver	U		0.025	0 613	mg/Kg-dry	1	11/23/2006
Thallium	**0.131**	J	**0.061**	**0.613**	**mg/Kg-dry**	1	11/23/2006
Zinc	**26.4**		**0.12**	**0.613**	**mg/Kg-dry**	1	11/23/2006
TCL VOLATILE ORGANICS			Method: SW8260				Analyst: HLBW
1,1,1-Trichloroethane	U		0 74	5 3	µg/Kg-dry	0 818	11/29/2006
1,1,2,2-Tetrachloroethane	U		0 53	5 3	µg/Kg-dry	0 818	11/29/2006
1,1,2-Trichloroethane	U		0 53	5 3	µg/Kg-dry	0 818	11/29/2006
1,1-Dichloroethane	U		0.85	5.3	µg/Kg-dry	0 818	11/29/2006
1,1-Dichloroethene	U		1.1	5.3	µg/Kg-dry	0.818	11/29/2006
1,2-Dichloroethane	U		0.64	5.3	µg/Kg-dry	0 818	11/29/2006
1,2-Dichloropropane	U		0.64	5 3	µg/Kg-dry	0 818	11/29/2006
2-Butanone	U		0 74	11	µg/Kg-dry	0 818	11/29/2006
Benzene	U		0 64	5 3	µg/Kg-dry	0.818	11/29/2006
Bromoform	U		0 53	11	µg/Kg-dry	0 818	11/29/2006
Bromomethane	U		1 1	11	µg/Kg-dry	0 818	11/29/2006
Carbon tetrachloride	U		1 1	5 3	µg/Kg-dry	0 818	11/29/2006
Chlorobenzene	U		0 74	5.3	µg/Kg-dry	0 818	11/29/2006
Chloroethane	U		1 7	11	µg/Kg-dry	0 818	11/29/2006
Chloroform	U		0.96	5 3	µg/Kg-dry	0 818	11/29/2006
Chloromethane	U		1.2	11	µg/Kg-dry	0 818	11/29/2006
cis-1,3-Dichloropropene	U		0 64	5 3	µg/Kg-dry	0 818	11/29/2006
Dichloromethane	**3.6**	J	**3.2**	**11**	**µg/Kg-dry**	0 818	11/29/2006
Ethylbenzene	U		0 85	5.3	µg/Kg-dry	0 818	11/29/2006
Tetrachloroethene	U		0 64	5 3	µg/Kg-dry	0 818	11/29/2006
Toluene	U		0 64	5.3	µg/Kg-dry	0 818	11/29/2006
trans-1,2-Dichloroethene	U		1.1	5.3	µg/Kg-dry	0 818	11/29/2006

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P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB79-18
Work Order:	0611296	**Collection Date:**	11/15/2006 3:14:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-29	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.64	5.3	µg/Kg-dry	0.818	11/29/2006
Trichloroethene	U		0.64	5.3	µg/Kg-dry	0.818	11/29/2006
Vinyl chloride	U		0.64	2.1	µg/Kg-dry	0.818	11/29/2006
Xylenes, Total	U		1.6	16	µg/Kg-dry	0.818	11/29/2006
Surr: 1,2-Dichloroethane-d4	*100*			*70-128*	*%REC*	0.818	11/29/2006
Surr: 4-Bromofluorobenzene	*91.5*			*73-126*	*%REC*	0.818	11/29/2006
Surr: Dibromofluoromethane	*99.1*			*71-128*	*%REC*	0.818	11/29/2006
Surr: Toluene-d8	*96.3*			*73-127*	*%REC*	0.818	11/29/2006
PERCENT MOISTURE		Method **E160.3**					Analyst: **MAM**
Percent Moisture	**23.1**		**0.010**	**0.0100**	**wt%**	1	11/17/2006

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S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	RS-2
Work Order:	0611296	**Collection Date:**	11/15/2006 3:30:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-32	**Matrix:**	WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7470			Prep: SW7470 / 11/20/06	Analyst: JCJ
Mercury	U		0.000042	0.000200	mg/L	1	11/20/2006
ICP METALS, TOTAL			Method: SW6020			Prep: SW3010A / 11/20/06	Analyst: SA
Antimony	U		0.0010	0.00500	mg/L	1	11/22/2006
Arsenic	U		0.0018	0.00500	mg/L	1	11/22/2006
Barium	U		0.00060	0.00500	mg/L	1	11/22/2006
Beryllium	U		0.00030	0.00200	mg/L	1	11/22/2006
Cadmium	U		0.00015	0.00200	mg/L	1	11/22/2006
Chromium	0.00398	J	0.00050	0.00500	mg/L	1	11/22/2006
Copper	U		0.00030	0.00500	mg/L	1	11/22/2006
Lead	U		0.00020	0.00500	mg/L	1	11/22/2006
Nickel	U		0.00030	0.00500	mg/L	1	11/22/2006
Selenium	U		0.0017	0.00500	mg/L	1	11/22/2006
Silver	U		0.00020	0.00500	mg/L	1	11/22/2006
Thallium	U		0.00040	0.00200	mg/L	1	11/22/2006
Zinc	U		0.0015	0.00500	mg/L	1	11/22/2006
TCL VOLATILE ORGANICS			Method SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0.60	5.0	µg/L	1	11/21/2006
1,1,2,2-Tetrachloroethane	U		1.5	5.0	µg/L	1	11/21/2006
1,1,2-Trichloroethane	U		0.50	5.0	µg/L	1	11/21/2006
1,1-Dichloroethane	U		0.50	5.0	µg/L	1	11/21/2006
1,1-Dichloroethene	U		0.60	5.0	µg/L	1	11/21/2006
1,2-Dichloroethane	U		0.50	5.0	µg/L	1	11/21/2006
1,2-Dichloropropane	U		0.70	5.0	µg/L	1	11/21/2006
2-Butanone	U		0.80	10	µg/L	1	11/21/2006
Benzene	U		0.60	5.0	µg/L	1	11/21/2006
Bromoform	U		0.80	5.0	µg/L	1	11/21/2006
Bromomethane	U		0.50	5.0	µg/L	1	11/21/2006
Carbon tetrachloride	U		0.60	5.0	µg/L	1	11/21/2006
Chlorobenzene	U		0.50	5.0	µg/L	1	11/21/2006
Chloroethane	U		0.60	5.0	µg/L	1	11/21/2006
Chloroform	U		0.50	5.0	µg/L	1	11/21/2006
Chloromethane	U		0.50	5.0	µg/L	1	11/21/2006
cis-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/21/2006
Dichloromethane	U		0.60	10	µg/L	1	11/21/2006
Ethylbenzene	U		0.50	5.0	µg/L	1	11/21/2006
Tetrachloroethene	U		0.50	5.0	µg/L	1	11/21/2006
Toluene	U		0.50	5.0	µg/L	1	11/21/2006
trans-1,2-Dichloroethene	U		0.60	5.0	µg/L	1	11/21/2006

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e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	RS-2
Work Order:	0611296	**Collection Date:**	11/15/2006 3:30:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611296-32	**Matrix:**	WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/21/2006
Trichloroethene	U		0.70	5.0	µg/L	1	11/21/2006
Vinyl chloride	U		0.60	2.0	µg/L	1	11/21/2006
Xylenes, Total	U		1.5	15	µg/L	1	11/21/2006
Surr: 1,2-Dichloroethane-d4	*110*			*70-125*	*%REC*	1	11/21/2006
Surr: 4-Bromofluorobenzene	*115*			*72.4-125*	*%REC*	1	11/21/2006
Surr: Dibromofluoromethane	*107*			*71.2-125*	*%REC*	1	11/21/2006
Surr: Toluene-d8	*115*			*75-125*	*%REC*	1	11/21/2006

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QC Batch Summary Report

Golder Associates, Inc.
CRI - Superfund
Work Order 0611296

Lab Order: 0611296
Client: Golder Associates, Inc
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611296-01A	SB73-06	11/15/2006 1 45 00 PM	Soil	ICP Metals		11/18/2006	20845	11/20/2006
				ICP Metals		11/18/2006	20845	11/19/2006
				Mercury, Total		11/21/2006	20874	11/21/2006
				Percent Moisture			R43993	11/17/2006
0611296-02A	SB73-12	11/15/2006 1 46 00 PM		ICP Metals		11/18/2006	20845	11/20/2006
				ICP Metals		11/18/2006	20845	11/19/2006
				Mercury, Total		11/21/2006	20874	11/21/2006
				Percent Moisture			R43993	11/17/2006
0611296-03A	SB73-18	11/15/2006 1 48 00 PM		TCL Volatile Organics			R44258	11/28/2006
0611296-03B				ICP Metals		11/20/2006	20872	11/21/2006
				Mercury, Total		11/21/2006	20874	11/21/2006
				Percent Moisture			R43993	11/17/2006
0611296-05A	SB74-06	11/15/2006 1 58 00 PM		ICP Metals		11/20/2006	20872	11/22/2006
				ICP Metals		11/20/2006	20872	11/21/2006
				Mercury, Total		11/21/2006	20874	11/21/2006
				Percent Moisture			R43995	11/17/2006
0611296-06A	SB74-12	11/15/2006 1 59 00 PM		ICP Metals		11/20/2006	20872	11/22/2006
				ICP Metals		11/20/2006	20872	11/21/2006
				Mercury, Total		11/21/2006	20874	11/21/2006
				Percent Moisture			R43995	11/17/2006
0611296-07A	SB74-18	11/15/2006 2 01 00 PM		TCL Volatile Organics			R44204	11/27/2006
0611296-07B				ICP Metals		11/20/2006	20872	11/21/2006
				Mercury, Total		11/21/2006	20874	11/21/2006
				Percent Moisture			R43995	11/17/2006
0611296-08A	SB74-24 (Archive)	11/15/2006 2 05 00 PM		TCL Volatile Organics			R44258	11/28/2006
0611296-08B				Percent Moisture			R44407	11/29/2006
0611296-09A	SB75-06	11/15/2006 2 12 00 PM		ICP Metals		11/20/2006	20872	11/21/2006

Lab Order: 0611296
Client: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611296-09A	SB75-06	11/15/2006 2 12 00 PM	Soil	ICP Metals		11/20/2006	20872	11/22/2006
				Mercury, Total		11/21/2006	20874	11/21/2006
				Percent Moisture			R43995	11/17/2006
0611296-10A	SB75-12	11/15/2006 2 13 00 PM		ICP Metals		11/20/2006	20872	11/21/2006
				Mercury, Total		11/21/2006	20874	11/21/2006
				Percent Moisture			R43995	11/17/2006
0611296-11A	SB75-18	11/15/2006 2 15 00 PM		TCL Volatile Organics			R44389	11/29/2006
0611296-11B				ICP Metals		11/20/2006	20872	11/21/2006
				Mercury, Total		11/21/2006	20874	11/21/2006
				Percent Moisture			R43995	11/17/2006
0611296-13A	SB76-06	11/15/2006 2 26 00 PM		ICP Metals		11/20/2006	20872	11/22/2006
				Mercury, Total		11/21/2006	20874	11/21/2006
				Percent Moisture			R43995	11/17/2006
0611296-14A	SB76-12	11/15/2006 2 27 00 PM		ICP Metals		11/20/2006	20872	11/22/2006
				Mercury, Total		11/21/2006	20874	11/21/2006
				Percent Moisture			R43995	11/17/2006
0611296-15A	SB76-18	11/15/2006 2 29 00 PM		TCL Volatile Organics			R44204	11/27/2006
0611296-15B				ICP Metals		11/20/2006	20872	11/22/2006
				ICP Metals		11/20/2006	20872	11/22/2006
				Mercury, Total		11/21/2006	20874	11/21/2006
				Percent Moisture			R43995	11/17/2006
0611296-17A	SB77-06	11/15/2006 2.39 00 PM		ICP Metals		11/20/2006	20872	11/22/2006
				ICP Metals		11/20/2006	20872	11/22/2006
				Mercury, Total		11/21/2006	20875	11/21/2006
				Percent Moisture			R43995	11/17/2006
0611296-18A	SB77-12	11/15/2006 2 46 00 PM		ICP Metals		11/20/2006	20872	11/22/2006
				Mercury, Total		11/21/2006	20875	11/21/2006

Lab Order: 0611296
Client: Golder Associates, Inc
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611296-18A	SB77-12	11/15/2006 2 46 00 PM	Soil	Percent Moisture			R43995	11/17/2006
0611296-19A	SB77-18	11/15/2006 2 42 00 PM		TCL Volatile Organics			R44389	11/29/2006
0611296-19B				ICP Metals		11/20/2006	20872	11/22/2006
				Mercury, Total		11/21/2006	20875	11/21/2006
				Percent Moisture			R43995	11/17/2006
0611296-20A	SB77-24 (Archive)	11/15/2006 2 44 00 PM		TCL Volatile Organics			R44258	11/28/2006
0611296-20B				Percent Moisture			R44407	11/29/2006
0611296-21A	SB78-06	11/15/2006 2 55 00 PM		ICP Metals		11/20/2006	20872	11/22/2006
				ICP Metals		11/20/2006	20872	11/22/2006
				Mercury, Total		11/21/2006	20875	11/21/2006
				Percent Moisture			R43995	11/17/2006
0611296-22A	SB78-12	11/15/2006 2 56 00 PM		ICP Metals		11/20/2006	20872	11/23/2006
				ICP Metals		11/20/2006	20872	11/27/2006
				ICP Metals		11/20/2006	20872	11/22/2006
				Mercury, Total		11/21/2006	20875	11/21/2006
				Percent Moisture			R43995	11/17/2006
0611296-23A	SB78-18	11/15/2006 2 58 00 PM		TCL Volatile Organics			R44258	11/28/2006
0611296-23B				ICP Metals		11/20/2006	20872	11/22/2006
				ICP Metals		11/20/2006	20872	11/23/2006
				Mercury, Total		11/21/2006	20875	11/21/2006
				Percent Moisture			R43995	11/17/2006
0611296-25A	SB78-12 DS-14	11/15/2006 2 56 00 PM		ICP Metals		11/20/2006	20872	11/23/2006
				ICP Metals		11/20/2006	20872	11/27/2006
				ICP Metals		11/20/2006	20872	11/22/2006
				Mercury, Total		11/21/2006	20875	11/21/2006
				Percent Moisture			R43995	11/17/2006
0611296-26A	SB78-18 DS-15	11/15/2006 2 58 00 PM		Percent Moisture			R43995	11/17/2006

Lab Order: 0611296
Client: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611296-26A	SB78-18 DS-15	11/15/2006 2 58 00 PM	Soil	TCL Volatile Organics			R44204	11/27/2006
0611296-27A	SB79-06	11/15/2006 3 10 00 PM		ICP Metals		11/20/2006	20872	11/23/2006
				ICP Metals		11/20/2006	20872	11/22/2006
				Mercury, Total		11/21/2006	20875	11/21/2006
				Percent Moisture			R43995	11/17/2006
0611296-28A	SB79-12	11/15/2006 3 11 00 PM		ICP Metals		11/20/2006	20872	11/23/2006
				ICP Metals		11/20/2006	20872	11/27/2006
				ICP Metals		11/20/2006	20872	11/22/2006
				Mercury, Total		11/21/2006	20875	11/21/2006
				Percent Moisture			R43995	11/17/2006
0611296-29A	SB79-18	11/15/2006 3 14 00 PM		TCL Volatile Organics			R44389	11/29/2006
0611296-29B				ICP Metals		11/20/2006	20872	11/22/2006
				ICP Metals		11/20/2006	20872	11/23/2006
				Mercury, Total		11/21/2006	20875	11/21/2006
				Percent Moisture			R43995	11/17/2006
0611296-32A	RS-2	11/15/2006 3.30 00 PM	Water	TCL Volatile Organics			R44066	11/21/2006
0611296-32B				ICP Metals, Total		11/20/2006	20868	11/21/2006
				ICP Metals, Total		11/20/2006	20868	11/22/2006
				Mercury, Total		11/20/2006	20847	11/20/2006

e-Lab Analytical, Inc.

CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

Date: *Dec 05 2006*

QC BATCH REPORT

Batch ID **20845** *Instrument ID* **ICPMS02** *Method:* **SW6020**

MBLK Sample ID **MBLKS2-111806** Units **mg/Kg** Analysis Date: **11/19/06 6:12**

Client ID Run ID **ICPMS02_061118A** SeqNo: **1000075** Prep Date **11/18/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.50								
Arsenic	U	0.50								
Beryllium	U	0.50								
Cadmium	U	0.50								
Copper	U	0.50								
Lead	U	0.50								
Selenium	U	0.50								
Silver	U	0.50								
Thallium	U	0.50								

MBLK Sample ID. **MBLKS2-111806** Units **mg/Kg** Analysis Date: **11/21/06 12:42**

Client ID Run ID: **ICPMS02_061121A** SeqNo **1000973** Prep Date **11/18/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	U	0.50								
Chromium	U	0.50								
Lead	U	0.50								
Nickel	U	0.50								
Zinc	U	0.50								

LCS Sample ID **MLCSS2-111806** Units **mg/Kg** Analysis Date **11/19/06 6:18**

Client ID Run ID: **ICPMS02_061118A** SeqNo **1000076** Prep Date **11/18/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	9.086	0.50	10	0	90.9	80-120	0			
Arsenic	9.283	0.50	10	0	92.8	80-120	0			
Beryllium	9.479	0.50	10	0	94.8	80-120	0			
Cadmium	9.856	0.50	10	0	98.6	80-120	0			
Copper	9.552	0.50	10	0	95.5	80-120	0			
Lead	10.14	0.50	10	0	101	80-120	0			
Selenium	8.942	0.50	10	0	89.4	80-120	0			
Silver	9.691	0.50	10	0	96.9	80-120	0			
Thallium	9.431	0.50	10	0	94.3	80-120	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20845** Instrument ID **ICPMS02** Method **SW6020**

LCS Sample ID **MLCSS2-111806** Units **mg/Kg** Analysis Date **11/21/06 12:48**
Client ID Run ID **ICPMS02_061121A** SeqNo **1000974** Prep Date **11/18/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	11 92	0.50	10	0	119	80-120	0			
Chromium	10 09	0.50	10	0	101	80-120	0			
Lead	10.22	0.50	10	0	102	80-120	0			
Nickel	10.26	0.50	10	0	103	80-120	0			
Zinc	10 97	0 50	10	0	110	80-120	0			

MS Sample ID. **0611291-30AMS** Units. **mg/Kg** Analysis Date **11/19/06 9:26**
Client ID Run ID **ICPMS02_061118A** SeqNo **1000103** Prep Date **11/18/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	2.282	0 45	8 929	0 3847	21 3	75-125	0			S
Arsenic	9 652	0 45	8.929	2 57	79 3	75-125	0			
Barium	269.2	0 45	8 929	235.2	381	75-125	0			SEO
Beryllium	7 778	0 45	8 929	0 5837	80 6	75-125	0			
Cadmium	9 384	0 45	8 929	1 719	85.8	75-125	0			
Chromium	69.83	0 45	8 929	55.76	158	75-125	0			SO
Copper	29 33	0 45	8 929	16 82	140	75-125	0			S
Lead	380 4	0 45	8 929	291 3	997	75-125	0			SEO
Nickel	21 19	0.45	8.929	12.77	94.3	75-125	0			
Selenium	7 426	0 45	8 929	1 133	70 5	75-125	0			S
Silver	7 728	0 45	8 929	0 01496	86 4	75-125	0			
Thallium	5 538	0 45	8.929	0 1447	60 4	75-125	0			S
Zinc	125.8	0 45	8.929	95 09	342	75-125	0			SO

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20845** Instrument ID **ICPMS02** Method: **SW6020**

MSD Sample ID **0611291-30AMSD** Units **mg/Kg** Analysis Date: **11/19/06 9:32**
Client ID. Run ID **ICPMS02_061118A** SeqNo: **1000104** Prep Date **11/18/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	2 292	0.45	8.929	0.3847	21 4	75-125	2.282	0 429	25	S
Arsenic	10.17	0 45	8 929	2 57	85 1	75-125	9.652	5 23	25	
Barium	280.2	0 45	8.929	235.2	504	75-125	269.2	4	25	SEO
Beryllium	7 879	0 45	8.929	0 5837	81.7	75-125	7.778	1 3	25	
Cadmium	10.38	0 45	8.929	1.719	97	75-125	9 384	10	25	
Chromium	78.87	0 45	8 929	55 76	259	75-125	69 83	12 2	25	SO
Copper	32.84	0 45	8 929	16.82	179	75-125	29 33	11 3	25	S
Lead	392.1	0.45	8.929	291.3	1130	75-125	380 4	3 03	25	SEO
Nickel	26 74	0 45	8.929	12 77	156	75-125	21 19	23 2	25	S
Selenium	7 123	0 45	8 929	1 133	67.1	75-125	7.426	4 16	25	S
Silver	7.845	0.45	8.929	0.01496	85.5	75-125	7.728	1.08	25	
Thallium	7 153	0 45	8.929	0 1447	78.5	75-125	5.538	25 5	25	R
Zinc	200 2	0 45	8.929	95.09	1180	75-125	125 6	45 8	25	SREO

DUP Sample ID **0611291-30ADUP** Units **mg/Kg** Analysis Date. **11/19/06 9:15**
Client ID Run ID. **ICPMS02_061118A** SeqNo **1000101** Prep Date **11/18/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0 4471	0 45	0	0	0	0-0	0.3847	15	25	
Arsenic	2.203	0 45	0	0	0	0-0	2.57	15 4	25	
Beryllium	0 5762	0 45	0	0	0	0-0	0 5837	1.28	25	
Cadmium	1.274	0 45	0	0	0	0-0	1.719	29 7	25	R
Chromium	65.94	0 45	0	0	0	0-0	55 76	16 7	25	
Copper	26 48	0 45	0	0	0	0-0	16.82	44 6	25	R
Nickel	10.54	0 45	0	0	0	0-0	12 77	19 1	25	
Selenium	0.8329	0 45	0	0	0	0-0	1 133	30 5	25	R
Silver	0 03788	0 45	0	0	0	0-0	0.01496	0	25	J
Thallium	0 1024	0 45	0	0	0	0-0	0 1447	0	25	J
Zinc	135 6	0 45	0	0	0	0-0	95 09	35 1	25	R

DUP Sample ID **0611291-30ADUP** Units **mg/Kg** Analysis Date **11/20/06 20:49**
Client ID Run ID: **ICPMS02_061120A** SeqNo **1000623** Prep Date **11/18/2006** DF **100**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	189 9	45	0	0	0	0-0	246.3	25 9	25	R
Lead	316 2	45	0	0	0	0-0	363 4	13 9	25	

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R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20845** Instrument ID **ICPMS02** Method **SW6020**

PDS Sample ID **0611291-30ABS** Units **mg/Kg** Analysis Date: **11/19/06 9:38**
Client ID Run ID **ICPMS02_061118A** SeqNo. **1000105** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	8.23	0.45	8.929	0.3847	87.9	75-125	0			
Arsenic	10.46	0.45	8.929	2.57	88.4	75-125	0			
Beryllium	8.273	0.45	8.929	0.5837	86.1	75-125	0			
Cadmium	9.661	0.45	8.929	1.719	88.9	75-125	0			
Chromium	62.58	0.45	8.929	55.76	76.4	75-125	0			O
Copper	24.47	0.45	8.929	16.82	85.7	75-125	0			
Nickel	20.33	0.45	8.929	12.77	84.7	75-125	0			
Selenium	8.371	0.45	8.929	1.133	81.1	75-125	0			
Silver	7.941	0.45	8.929	0.01496	88.8	75-125	0			
Thallium	7.112	0.45	8.929	0.1447	78	75-125	0			
Zinc	100.8	0.45	8.929	95.09	64	75-125	0			SO

PDS Sample ID **0611291-30ABS** Units. **mg/Kg** Analysis Date· **11/20/06 21:01**
Client ID Run ID **ICPMS02_061120A** SeqNo **1000704** Prep Date DF **100**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	1088	45	892.9	235.2	95.6	75-125	0			
Lead	1201	45	892.9	291.3	102	75-125	0			

SD Sample ID. **0611291-30A DIL** Units **mg/Kg** Analysis Date **11/19/06 9:21**
Client ID Run ID. **ICPMS02_061118A** SeqNo **1000102** Prep Date DF **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	2.2	0	0	0	0-0	0.3847	0	10	
Arsenic	2.785	2.2	0	0	0	0-0	2.57	8.39	10	
Beryllium	0.5554	2.2	0	0	0	0-0	0.5837	0	10	J
Cadmium	1.779	2.2	0	0	0	0-0	1.719	0	10	J
Chromium	59.69	2.2	0	0	0	0-0	55.76	7.05	10	
Copper	18.52	2.2	0	0	0	0-0	16.82	10.1	10	R
Nickel	13.87	2.2	0	0	0	0-0	12.77	8.64	10	
Selenium	U	2.2	0	0	0	0-0	1.133	0	10	
Silver	U	2.2	0	0	0	0-0	0.01496	0	10	
Thallium	U	2.2	0	0	0	0-0	0.1447	0	10	
Zinc	108.4	2.2	0	0	0	0-0	95.09	14	10	R

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20845** Instrument ID **ICPMS02** Method: **SW6020**

SD Sample ID **0611291-30A DIL** Units. **mg/Kg** Analysis Date **11/20/06 20:55**

Client ID Run ID **ICPMS02_061120A** SeqNo **1000525** Prep Date: DF **500**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	249.9	220	0	0	0	0-0	246 3	1 45	10	
Lead	383.2	220	0	0	0	0-0	363 4	5 44	10	

The following samples were analyzed in this batch: 0611296-01A 0611296-02A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20847** Instrument ID **Mercury** Method: **SW7470**

MBLK Sample ID **GBLKW1-112006** Units **mg/L** Analysis Date: **11/20/06 17:05**
Client ID Run ID **MERCURY_061120A** SeqNo: **1000571** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0 00020								

LCS Sample ID: **GLCSW1-112006** Units: **mg/L** Analysis Date: **11/20/06 17:07**
Client ID Run ID: **MERCURY_061120A** SeqNo: **1000572** Prep Date: **11/20/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0 0048	0 00020	0 005	0	96	85-115	0			

LCSD Sample ID **GLCSDW1-112006** Units **mg/L** Analysis Date: **11/20/06 17:09**
Client ID Run ID **MERCURY_061120A** SeqNo **1000573** Prep Date: **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0 00518	0 00020	0.005	0	104	85-115	0 0048	7 62	20	

MS Sample ID: **0611325-02DMS** Units **mg/L** Analysis Date: **11/20/06 17:18**
Client ID: Run ID **MERCURY_061120A** SeqNo **1000577** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0 00524	0.00020	0 005	0.000028	104	85-115	0			

MSD Sample ID **0611325-02DMSD** Units **mg/L** Analysis Date: **11/20/06 17:20**
Client ID Run ID **MERCURY_061120A** SeqNo **1000579** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0 00535	0 00020	0.005	0 000028	106	85-115	0 00524	2 08	20	

DUP Sample ID **0611325-02DDUP** Units **mg/L** Analysis Date: **11/20/06 17:16**
Client ID Run ID **MERCURY_061120A** SeqNo **1000576** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0.00020	0	0	0	0-0	0.000028	0	20	

The following samples were analyzed in this batch: 0611296-32B

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20868** Instrument ID **ICP7500** Method: **SW6020**

MBLK Sample ID: **MBLKW2-112006** Units: **mg/L** Analysis Date: **11/21/06 13:18**

Client ID Run ID: **ICP7500_061121A** SeqNo **1001003** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.0050								
Arsenic	U	0.0050								
Barium	U	0.0050								
Beryllium	U	0.0020								
Cadmium	U	0.0020								
Chromium	U	0.0050								
Copper	U	0.0050								
Lead	U	0.0050								
Nickel	U	0.0050								
Selenium	U	0.0050								
Silver	U	0.0050								
Thallium	U	0.0020								
Zinc	U	0.0050								

LCS Sample ID: **MLCSW2-112006** Units: **mg/L** Analysis Date: **11/21/06 13:24**

Client ID Run ID: **ICP7500_061121A** SeqNo **1001004** Prep Date **11/20/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.0504	0.0050	0.05	0	101	79.5-121		0		
Arsenic	0.05014	0.0050	0.05	0	100	80-121		0		
Barium	0.04707	0.0050	0.05	0	94.1	79.8-119		0		
Beryllium	0.047	0.0020	0.05	0	94	78.9-120		0		
Cadmium	0.05077	0.0020	0.05	0	102	79.1-119		0		
Chromium	0.04878	0.0050	0.05	0	97.6	79.3-121		0		
Copper	0.04809	0.0050	0.05	0	96.2	81-120		0		
Lead	0.04693	0.0050	0.05	0	93.9	80-118		0		
Nickel	0.05054	0.0050	0.05	0	101	82-120		0		
Selenium	0.04978	0.0050	0.05	0	99.5	79.2-118		0		
Silver	0.04367	0.0050	0.05	0	87.3	80-117		0		
Thallium	0.0429	0.0020	0.05	0	85.8	78-120		0		
Zinc	0.05037	0.0050	0.05	0	101	79-118		0		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID 20868 Instrument ID ICP7500 Method SW6020

MS Sample ID 0611267-04BMS Units mg/L Analysis Date 11/21/06 15:17

Client ID Run ID ICP7500_061121A SeqNo. 1001178 Prep Date 11/20/2006 DF. 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.04283	0.0050	0.05	0.0003212	85	79 5-121	0			
Arsenic	0 0543	0.0050	0 05	0.008982	90 6	80-121	0			
Barium	0 0552	0.0050	0.05	0 01052	89.4	79 8-119	0			
Beryllium	0.03108	0.0020	0 05	0 00001509	62.1	78 9-120	0			S
Cadmium	0 04174	0.0020	0.05	0.00004022	83 4	79 1-119	0			
Chromium	0 04844	0 0050	0 05	0 001435	94	79.3-121	0			
Copper	0.04265	0.0050	0.05	0.002988	79 4	80-120	0			S
Lead	0.04866	0.0050	0.05	0 0002903	96 7	80-118	0			
Nickel	0.04663	0.0050	0 05	0 003553	86.2	82-120	0			
Selenium	0.05449	0.0050	0 05	0 005461	98.1	79.2-118	0			
Silver	0.03298	0 0050	0.05	0.0001075	65.7	80-117	0			S
Thallium	0.0447	0 0020	0.05	0.0001394	89.1	78-120	0			
Zinc	0 05382	0 0050	0 05	0 0129	81 8	79-118	0			

MSD Sample ID 0611267-04BMSD Units. mg/L Analysis Date 11/21/06 15:23

Client ID Run ID ICP7500_061121A SeqNo 1001179 Prep Date 11/20/2006 DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.0433	0 0050	0.05	0.0003212	86	79.5-121	0 04283	1.09	15	
Arsenic	0 0558	0.0050	0.05	0 008982	93.6	80-121	0 0543	2 72	15	
Barium	0 05753	0 0050	0 05	0 01052	94	79 8-119	0 0552	4 13	15	
Beryllium	0 03112	0 0020	0.05	0 00001509	62 2	78.9-120	0 03106	0 193	15	S
Cadmium	0.04311	0.0020	0.05	0.00004022	86.1	79.1-119	0.04174	3 23	15	
Chromium	0 04878	0.0050	0 05	0 001435	94 7	79 3-121	0.04844	0 699	15	
Copper	0 04384	0 0050	0 05	0 002988	81 7	81-120	0 04265	2 75	15	
Lead	0.05057	0.0050	0.05	0.0002903	101	80-118	0 04866	3 85	15	
Nickel	0 0468	0 0050	0.05	0 003553	86.5	82-120	0 04663	0.364	15	
Selenium	0 05682	0 0050	0 05	0 005461	103	79.2-118	0 05449	4 19	15	
Silver	0 03376	0.0050	0.05	0.0001075	67.3	80-117	0.03298	2 34	15	S
Thallium	0.04588	0.0020	0.05	0.0001394	91.5	78-120	0.0447	2.61	15	
Zinc	0 05455	0 0050	0 05	0 0129	83 3	79-118	0 05382	1 35	15	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20868** Instrument ID **ICP7500** Method **SW6020**

DUP Sample ID **0611267-04BDUP** Units **mg/L** Analysis Date: **11/21/06 15:11**

Client ID Run ID **ICP7500_061121A** SeqNo **1001177** Prep Date: **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.0050	0	0	0	0-0	0.0003212	0	25	
Arsenic	0.009486	0.0050	0	0	0	0-0	0.008982	5.46	25	
Barium	0.01048	0.0050	0	0	0	0-0	0.01052	0.381	25	
Beryllium	U	0.0020	0	0	0	0-0	0.00001509	0	25	
Cadmium	U	0.0020	0	0	0	0-0	0.00004022	0	25	
Chromium	0.00261	0.0050	0	0	0	0-0	0.001435	0	25	J
Copper	0.00302	0.0050	0	0	0	0-0	0.002968	0	25	J
Lead	0.00022	0.0050	0	0	0	0-0	0.0002903	0	25	J
Nickel	0.003803	0.0050	0	0	0	0-0	0.003553	0	25	J
Selenium	0.004286	0.0050	0	0	0	0-0	0.005461	0	25	J
Silver	U	0.0050	0	0	0	0-0	0.0001075	0	25	
Thallium	U	0.0020	0	0	0	0-0	0.0001394	0	25	
Zinc	0.0123	0.0050	0	0	0	0-0	0.0129	4.76	25	

PDS Sample ID **0611267-04BBS** Units **mg/L** Analysis Date: **11/21/06 15:29**

Client ID Run ID **ICP7500_061121A** SeqNo **1001180** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.06429	0.0050	0.1	0.0003212	64	75-125	0			S
Arsenic	0.09925	0.0050	0.1	0.008982	90.3	75-125	0			
Barium	0.1011	0.0050	0.1	0.01052	90.6	75-125	0			
Beryllium	0.05945	0.0020	0.1	0.00001509	59.4	75-125	0			S
Cadmium	0.08351	0.0020	0.1	0.00004022	83.5	75-125	0			
Chromium	0.09312	0.0050	0.1	0.001435	91.7	75-125	0			
Copper	0.08111	0.0050	0.1	0.002968	78.1	75-125	0			
Lead	0.09686	0.0050	0.1	0.0002903	96.6	75-125	0			
Nickel	0.08867	0.0050	0.1	0.003553	85.1	75-125	0			
Selenium	0.1081	0.0050	0.1	0.005461	101	75-125	0			
Silver	0.06463	0.0050	0.1	0.0001075	64.5	75-125	0			S
Thallium	0.09659	0.0020	0.1	0.0001394	96.5	75-125	0			
Zinc	0.0932	0.0050	0.1	0.0129	80.3	75-125	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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R - RPD outside accepted recovery limits
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B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20868** Instrument ID **ICP7500** Method: **SW6020**

SD Sample ID. **0611267-04B DIL** Units. **mg/L** Analysis Date **11/21/06 15:36**

Client ID Run ID **ICP7500_061121A** SeqNo. **1001181** Prep Date DF. **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.009645	0 025	0	0	0	0-0	0 0003212	0	10	J
Arsenic	0 02048	0 025	0	0	0	0-0	0 008982	0	10	J
Barium	0 01454	0 025	0	0	0	0-0	0 01052	0	10	J
Beryllium	U	0 010	0	0	0	0-0	0 00001509	0	10	
Cadmium	U	0.010	0	0	0	0-0	0.00004022	0	10	
Chromium	0 01392	0 025	0	0	0	0-0	0 001435	0	10	J
Copper	0 00429	0 025	0	0	0	0-0	0.002968	0	10	J
Lead	U	0.025	0	0	0	0-0	0 0002903	0	10	
Nickel	0 004482	0 025	0	0	0	0-0	0 003553	0	10	J
Selenium	0.01251	0.025	0	0	0	0-0	0.005461	0	10	J
Silver	U	0.025	0	0	0	0-0	0.0001075	0	10	
Thallium	U	0 010	0	0	0	0-0	0.0001394	0	10	
Zinc	0 01525	0.025	0	0	0	0-0	0 0129	0	10	J

The following samples were analyzed in this batch: 0611296-32B

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
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CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20872** Instrument ID **ICP7500** Method **SW6020**

MBLK Sample ID **MBLKS2-112006** Units **mg/Kg** Analysis Date: **11/22/06 23:11**

Client ID Run ID **ICP7500_061122A** SeqNo **1002662** Prep Date: **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0 50								
Arsenic	U	0 50								
Barium	U	0.50								
Beryllium	U	0.50								
Cadmium	U	0 50								
Chromium	U	0.50								
Copper	U	0.50								
Lead	U	0.50								
Nickel	U	0 50								
Selenium	U	0.50								
Silver	U	0.50								
Thallium	U	0 50								
Zinc	U	0 50								

LCS Sample ID **MLCSS2-112006** Units **mg/Kg** Analysis Date: **11/21/06 22:54**

Client ID Run ID **ICP7500_061121A** SeqNo **1001881** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	9 849	0 50	10	0	98 5	80-120	0			
Arsenic	9 389	0.50	10	0	93 9	80-120	0			
Barium	9.948	0.50	10	0	99 5	80-120	0			
Beryllium	8 567	0.50	10	0	85 7	80-120	0			
Cadmium	9.24	0 50	10	0	92 4	80-120	0			
Chromium	10 89	0 50	10	0	109	80-120	0			
Copper	10 08	0 50	10	0	101	80-120	0			
Lead	10 11	0.50	10	0	101	80-120	0			
Nickel	10 4	0.50	10	0	104	80-120	0			
Selenium	8 187	0 50	10	0	81 9	80-120	0			
Silver	9.035	0 50	10	0	90 4	80-120	0			
Thallium	9 167	0 50	10	0	91.7	80-120	0			
Zinc	8 844	0 50	10	0	88 4	80-120	0			

ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits
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B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20872** Instrument ID **ICP7600** Method **SW6020**

MS Sample ID **0611296-29BMS** Units: **mg/Kg** Analysis Date **11/23/06 1:16**
Client ID **SB79-18** Run ID: **ICP7600_061122A** SeqNo **1002680** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	4 527	0.47	9 434	0 007447	47.9	75-125	0			S
Arsenic	9.594	0 47	9 434	2 483	75 4	75-125	0			
Barium	183 6	0 47	9 434	153 1	323	75-125	0			SO
Beryllium	7 627	0.47	9 434	0.6381	74.1	75-125	0			S
Cadmium	7.954	0 47	9.434	0.07289	83.5	75-125	0			
Chromium	18.52	0 47	9 434	11 2	77 6	75-125	0			
Copper	13 45	0 47	9 434	6 799	70 5	75-125	0			S
Lead	20 55	0 47	9 434	12 15	89	75-125	0			
Nickel	18.95	0 47	9 434	10.97	84 6	75-125	0			
Selenium	7 344	0 47	9 434	0.9972	67 3	75-125	0			S
Silver	7 86	0 47	9 434	-0 001375	83 3	75-125	0			
Thallium	7.919	0 47	9 434	0.1007	82.9	75-125	0			
Zinc	26 23	0 47	9 434	20 3	62 8	75-125	0			S

MSD Sample ID **0611296-29BMSD** Units: **mg/Kg** Analysis Date **11/23/06 1:22**
Client ID **SB79-18** Run ID **ICP7600_061122A** SeqNo **1002681** Prep Date. **11/20/2006** DF. **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	4 609	0 47	9 434	0 007447	48 8	75-125	4.527	1 8	25	S
Arsenic	9 481	0 47	9 434	2 483	74 2	75-125	9.594	1.19	25	S
Barium	147.2	0 47	9 434	153 1	-63	75-125	183 6	22	25	SO
Beryllium	7.678	0 47	9 434	0 6381	74.6	75-125	7.627	0.666	25	S
Cadmium	7.801	0 47	9 434	0.07289	81 9	75-125	7.954	1.94	25	
Chromium	17 96	0 47	9 434	11.2	71 7	75-125	18.52	3 05	25	S
Copper	13.92	0 47	9 434	6 799	75 4	75-125	13 45	3 38	25	
Lead	22 07	0 47	9 434	12 15	105	75-125	20 55	7 13	25	
Nickel	18 13	0 47	9 434	10.97	75.9	75-125	18.95	4 43	25	
Selenium	7.293	0 47	9 434	0 9972	66 7	75-125	7 344	0 696	25	S
Silver	7 806	0 47	9 434	-0.001375	82.8	75-125	7.86	0 699	25	
Thallium	7 987	0 47	9 434	0.1007	83 6	75-125	7.919	0 854	25	
Zinc	25 38	0 47	9 434	20 3	53 8	75-125	26.23	3.29	25	S

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
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U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: **20872** Instrument ID **ICP7500** Method: **SW6020**

DUP Sample ID **0611296-29BDUP** Units **mg/Kg** Analysis Date: **11/23/06 0:53**

Client ID: **SB79-18** Run ID: **ICP7500_061122A** SeqNo **1002677** Prep Date: **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.47	0	0	0	0-0	0.007447	0	25	
Arsenic	2.066	0.47	0	0	0	0-0	2.483	18.3	25	
Barium	129.7	0.47	0	0	0	0-0	153.1	16.5	25	
Beryllium	0.6076	0.47	0	0	0	0-0	0.6381	4.89	25	
Cadmium	0.05588	0.47	0	0	0	0-0	0.07289	0	25	J
Chromium	10.01	0.47	0	0	0	0-0	11.2	11.2	25	
Copper	6.064	0.47	0	0	0	0-0	6.799	11.4	25	
Lead	10.58	0.47	0	0	0	0-0	12.15	13.8	25	
Nickel	9.774	0.47	0	0	0	0-0	10.97	11.6	25	
Selenium	0.9119	0.47	0	0	0	0-0	0.9972	8.93	25	
Silver	U	0.47	0	0	0	0-0	-0.001375	0	25	
Thallium	0.08617	0.47	0	0	0	0-0	0.1007	0	25	J
Zinc	18.43	0.47	0	0	0	0-0	20.3	9.64	25	

PDS Sample ID **0611296-29BBS** Units **mg/Kg** Analysis Date: **11/23/06 1:28**

Client ID **SB79-18** Run ID **ICP7500_061122A** SeqNo **1002682** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	8.984	0.47	9.434	0	95.2	75-125	0			
Arsenic	10.69	0.47	9.434	2.483	87	75-125	0			
Barium	168.8	0.47	9.434	153.1	166	75-125	0			SO
Beryllium	8.313	0.47	9.434	0.6381	81.4	75-125	0			
Cadmium	8.846	0.47	9.434	0.07289	93	75-125	0			
Chromium	21.03	0.47	9.434	11.2	104	75-125	0			
Copper	15.24	0.47	9.434	6.799	89.4	75-125	0			
Lead	22.06	0.47	9.434	12.15	105	75-125	0			
Nickel	19.9	0.47	9.434	10.97	94.6	75-125	0			
Selenium	8.675	0.47	9.434	0.9972	81.4	75-125	0			
Silver	8.5	0.47	9.434	0	90.1	75-125	0			
Thallium	9.193	0.47	9.434	0.1007	96.4	75-125	0			
Zinc	28.43	0.47	9.434	20.3	86.2	75-125	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20872** Instrument ID **ICP7500** Method **SW6020**

SD Sample ID **0611296-29B DIL** Units: **mg/Kg** Analysis Date: **11/23/06 1:34**

Client ID. **SB79-18** Run ID **ICP7500_061122A** SeqNo **1002683** Prep Date. DF. **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	2.4	0	0	0	0-0	0	0	10	
Arsenic	2.687	2.4	0	0	0	0-0	2.483	8.21	10	
Barium	143.6	2.4	0	0	0	0-0	153.1	6.19	10	
Beryllium	0.7363	2.4	0	0	0	0-0	0.6381	0	10	J
Cadmium	U	2.4	0	0	0	0-0	0.07289	0	10	
Chromium	10.83	2.4	0	0	0	0-0	11.2	3.33	10	
Copper	6.811	2.4	0	0	0	0-0	6.799	0.18	10	
Lead	11.62	2.4	0	0	0	0-0	12.15	4.35	10	
Nickel	10.93	2.4	0	0	0	0-0	10.97	0.387	10	
Selenium	1.294	2.4	0	0	0	0-0	0.9972	0	10	J
Silver	U	2.4	0	0	0	0-0	0	0	10	
Thallium	0.4332	2.4	0	0	0	0-0	0.1007	0	10	J
Zinc	22.59	2.4	0	0	0	0-0	20.3	11.3	10	R

The following samples were analyzed in this batch:

0611296-03B	0611296-05A	0611296-06A
0611296-07B	0611296-09A	0611296-10A
0611296-11B	0611296-13A	0611296-14A
0611296-15B	0611296-17A	0611296-18A
0611296-19B	0611296-21A	0611296-22A
0611296-23B	0611296-25A	0611296-27A
0611296-28A	0611296-29B	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
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E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20874** Instrument ID **Mercury** Method **SW7471A**

MBLK Sample ID: **GBLKS1-112106** Units **µg/Kg** Analysis Date: **11/21/06 18:42**
Client ID: Run ID: **MERCURY_061121C** SeqNo: **1001391** Prep Date **11/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	13								

LCS Sample ID **GLCSS1-112106** Units **µg/Kg** Analysis Date: **11/21/06 18:44**
Client ID Run ID **MERCURY_061121C** SeqNo: **1001392** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	334	13	333.3	0	100	85-115	0			

LCSD Sample ID **GLCSDS1-112106** Units **µg/Kg** Analysis Date: **11/21/06 18:46**
Client ID Run ID **MERCURY_061121C** SeqNo **1001394** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	324	13	333 3	0	97 2	85-115	334	3 04	20	

MS Sample ID **0611291-30AMS** Units **µg/Kg** Analysis Date **11/21/06 20:08**
Client ID Run ID **MERCURY_061121C** SeqNo: **1001426** Prep Date **11/21/2006** DF **10**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	4126	130	330 6	3397	220	85-115	0			SO

MSD Sample ID **0611291-30AMSD** Units **µg/Kg** Analysis Date: **11/21/06 20:10**
Client ID Run ID **MERCURY_061121C** SeqNo **1001427** Prep Date **11/21/2006** DF **10**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	4078	130	326.3	3397	209	85-115	4126	1.15	20	SO

DUP Sample ID **0611291-30ADUP** Units **µg/Kg** Analysis Date **11/21/06 20:06**
Client ID Run ID **MERCURY_061121C** SeqNo: **1001425** Prep Date **11/21/2006** DF: **10**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	3368	130	0	0	0		3397	0 855	20	

The following samples were analyzed in this batch:

0611296-01A	0611296-02A	0611296-03B
0611296-05A	0611296-06A	0611296-07B
0611296-09A	0611296-10A	0611296-11B
0611296-13A	0611296-14A	0611296-15B

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20875** Instrument ID **Mercury** Method: **SW7471A**

MBLK Sample ID: **GBLKS2-112106** Units: µg/Kg Analysis Date **11/21/06 20:35**
Client ID Run ID **MERCURY_061121D** SeqNo. **1001469** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	13								

LCS Sample ID **GLCSS2-112106** Units µg/Kg Analysis Date: **11/21/06 20:37**
Client ID Run ID: **MERCURY_061121D** SeqNo: **1001470** Prep Date. **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	322	13	333.3	0	96 6	85-115		0		

LCSD Sample ID **GLCSDS2-112106** Units µg/Kg Analysis Date. **11/21/06 20:39**
Client ID Run ID **MERCURY_061121D** SeqNo **1001471** Prep Date **11/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	324	13	333.3	0	97.2	85-115	322	0 619	20	

MS Sample ID. **0611296-28AMS** Units: µg/Kg Analysis Date. **11/21/06 20:45**
Client ID **SB79-12** Run ID **MERCURY_061121D** SeqNo **1001474** Prep Date: **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	284 8	13	323 6	4.66	86.6	85-115		0		

MS Sample ID **0611296-29BMS** Units µg/Kg Analysis Date **11/21/06 21:04**
Client ID **SB79-18** Run ID **MERCURY_061121D** SeqNo **1001483** Prep Date **11/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	291 2	13	325.7	0.8442	89 1	85-115		0		

MSD Sample ID **0611296-28AMSD** Units µg/Kg Analysis Date: **11/21/06 20:47**
Client ID **SB79-12** Run ID **MERCURY_061121D** SeqNo **1001475** Prep Date **11/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	294 5	13	325.7	4 66	89	85-115	284 8	3.34	20	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20875** Instrument ID **Mercury** Method **SW7471A**

MSD Sample ID **0611296-29BMSD** Units **µg/Kg** Analysis Date. **11/21/06 21:06**
Client ID **SB79-18** Run ID **MERCURY_061121D** SeqNo: **1001484** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	280 5	13	323.1	0.8442	86.5	85-115	291 2	3.76	20	

DUP Sample ID **0611296-28ADUP** Units **µg/Kg** Analysis Date: **11/21/06 20:43**
Client ID **SB79-12** Run ID **MERCURY_061121D** SeqNo **1001473** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	5 613	13	0	0	0		4 66	0	20	J

DUP Sample ID **0611296-29BDUP** Units **µg/Kg** Analysis Date· **11/21/06 21:02**
Client ID **SB79-18** Run ID· **MERCURY_061121D** SeqNo. **1001482** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	1 753	13	0	0	0		0.8442	0	20	J

The following samples were analyzed in this batch:

0611296-17A	0611296-18A	0611296-19B
0611296-21A	0611296-22A	0611296-23B
0611296-25A	0611296-27A	0611296-28A
0611296-29B		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: **R44086** Instrument ID **VOA1** Method: **SW8260**

MBLK Sample ID **VBLKW-061120** Units: µg/L Analysis Date: **11/20/06 18:49**

Client ID Run ID **VOA1_061120A** SeqNo **1000945** Prep Date: DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
2-Butanone	U	10								
Benzene	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	5.0								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	5.0								
Chloroform	U	5.0								
Chloromethane	U	5.0								
cis-1,3-Dichloropropene	U	5.0								
Dichloromethane	U	10								
Ethylbenzene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								
Vinyl chloride	U	2.0								
Xylenes, Total	U	15								
Surr: 1,2-Dichloroethane-d4	*52.08*	5.0	*50*	0	*104*	*70-125*		0		
Surr: 4-Bromofluorobenzene	*56.81*	5.0	*50*	0	*114*	*72.4-125*		0		
Surr: Dibromofluoromethane	*51.66*	5.0	*50*	0	*103*	*71.2-125*		0		
Surr: Toluene-d8	*58.26*	5.0	*50*	0	*117*	*75-125*		0		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID. **R44066** Instrument ID **VOA1** Method. **SW8260**

LCS Sample ID **VLCSW-061120** Units. µg/L Analysis Date **11/20/06 17:28**

Client ID Run ID. **VOA1_061120A** SeqNo **1000944** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	53.75	5.0	50	0	107	79.6-120		0		
1,1,2,2-Tetrachloroethane	49.27	5.0	50	0	98.5	76 9-121		0		
1,1,2-Trichloroethane	49.66	5.0	50	0	99.3	80-120		0		
1,1-Dichloroethane	49.76	5.0	50	0	99.5	74.2-122		0		
1,1-Dichloroethene	52.85	5 0	50	0	106	75 8-122		0		
1,2-Dichloroethane	50.26	5 0	50	0	101	78.8-120		0		
1,2-Dichloropropane	50.66	5 0	50	0	101	80-120		0		
2-Butanone	99.02	10	100	0	99	69 2-131		0		
Benzene	51.66	5 0	50	0	103	80-120		0		
Bromoform	49.54	5.0	50	0	99 1	78 1-120		0		
Bromomethane	50.24	5.0	50	0	100	52.8-147		0		
Carbon tetrachloride	54.32	5 0	50	0	109	76 8-120		0		
Chlorobenzene	50 14	5.0	50	0	100	80-120		0		
Chloroethane	47 98	5 0	50	0	96	74.2-120		0		
Chloroform	51.25	5 0	50	0	102	80-120		0		
Chloromethane	51 78	5.0	50	0	104	63.5-133		0		
cis-1,3-Dichloropropene	51.82	5.0	50	0	104	80-120		0		
Dichloromethane	49 33	10	50	0	98 7	74 7-120		0		
Ethylbenzene	51 15	5.0	50	0	102	80-120		0		
Tetrachloroethene	52 72	5 0	50	0	105	80-120		0		
Toluene	51.72	5.0	50	0	103	80-120		0		
trans-1,2-Dichloroethene	51.56	5 0	50	0	103	75 9-122		0		
trans-1,3-Dichloropropene	50 96	5 0	50	0	102	80-120		0		
Trichloroethene	52 68	5 0	50	0	105	80-120		0		
Vinyl chloride	53 69	2.0	50	0	107	76 2-121		0		
Xylenes, Total	153	15	150	0	102	80-120		0		
Surr: 1,2-Dichloroethane-d4	*53 77*	5 0	*50*	0	*108*	*70-125*		0		
Surr: 4-Bromofluorobenzene	*57 74*	5 0	*50*	0	*115*	*72 4-125*		0		
Surr: Dibromofluoromethane	*53 05*	5 0	*50*	0	*106*	*71 2-125*		0		
Surr: Toluene-d8	*58 98*	5 0	*50*	0	*118*	*75-125*		0		

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CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44066** Instrument ID **VOA1** Method: **SW8260**

MS Sample ID **0611326-02AMS** Units **µg/L** Analysis Date: **11/20/06 19:43**

Client ID Run ID **VOA1_061120A** SeqNo: **1000947** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	38.58	5.0	50	0	77.2	79.6-120	0			S
1,1,2,2-Tetrachloroethane	47.59	5.0	50	0	95.2	78.9-121	0			
1,1,2-Trichloroethane	49.34	5.0	50	0	98.7	80-120	0			
1,1-Dichloroethane	45.7	5.0	50	0	91.4	74.2-122	0			
1,1-Dichloroethene	35.41	5.0	50	0	70.8	75.8-122	0			S
1,2-Dichloroethane	49.13	5.0	50	0	98.3	78.8-120	0			
1,2-Dichloropropane	48.2	5.0	50	0	96.4	80-120	0			
2-Butanone	93.67	10	100	0	93.7	69.2-131	0			
Benzene	46.51	5.0	50	0	93	80-120	0			
Bromoform	49.13	5.0	50	0	98.3	78.1-120	0			
Bromomethane	43.08	5.0	50	0	86.2	52.8-147	0			
Carbon tetrachloride	34.77	5.0	50	0	69.5	76.8-120	0			S
Chlorobenzene	45.01	5.0	50	0	90	80-120	0			
Chloroethane	38.96	5.0	50	0	77.9	74.2-120	0			
Chloroform	48.18	5.0	50	0	96.4	80-120	0			
Chloromethane	41.5	5.0	50	0	83	63.5-133	0			
cis-1,3-Dichloropropene	48.43	5.0	50	0	96.9	80-120	0			
Dichloromethane	46.49	10	50	0	93	74.7-120	0			
Ethylbenzene	42	5.0	50	0	84	80-120	0			
Tetrachloroethene	36.3	5.0	50	0	72.6	80-120	0			S
Toluene	44.36	5.0	50	0	88.7	80-120	0			
trans-1,2-Dichloroethene	43.14	5.0	50	0	86.3	75.9-122	0			
trans-1,3-Dichloropropene	49.74	5.0	50	0	99.5	80-120	0			
Trichloroethene	42.91	5.0	50	0	85.8	80-120	0			
Vinyl chloride	35.98	2.0	50	0	72	76.2-121	0			S
Xylenes, Total	128.3	15	150	0	85.5	80-120	0			
Surr: 1,2-Dichloroethane-d4	*53.2*	5.0	*50*	0	*106*	*70-125*	0			
Surr: 4-Bromofluorobenzene	*55.56*	5.0	*50*	0	*111*	*72.4-125*	0			
Surr: Dibromofluoromethane	*52.25*	5.0	*50*	0	*105*	*71.2-125*	0			
Surr: Toluene-d8	*57.26*	5.0	*50*	0	*115*	*75-125*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44066** Instrument ID **VOA1** Method **SW8260**

MSD Sample ID **0611326-02AMSD** Units µg/L Analysis Date: **11/20/06 20:11**

Client ID Run ID: **VOA1_061120A** SeqNo: **1000948** Prep Date DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	40.36	5.0	50	0	80.7	79.6-120	38.58	4.51	20	
1,1,2,2-Tetrachloroethane	49.23	5.0	50	0	98.5	78.9-121	47.59	3.39	20	
1,1,2-Trichloroethane	50.6	5.0	50	0	101	80-120	49.34	2.52	20	
1,1-Dichloroethane	48.86	5.0	50	0	97.7	74.2-122	45.7	6.69	20	
1,1-Dichloroethene	40.15	5.0	50	0	80.3	75.8-122	35.41	12.5	20	
1,2-Dichloroethane	52.6	5.0	50	0	105	78.8-120	49.13	6.83	20	
1,2-Dichloropropane	51.53	5.0	50	0	103	80-120	48.2	6.67	20	
2-Butanone	101.1	10	100	0	101	69.2-131	93.67	7.61	20	
Benzene	49.13	5.0	50	0	98.3	80-120	46.51	5.48	20	
Bromoform	50.43	5.0	50	0	101	78.1-120	48.13	2.61	20	
Bromomethane	50.4	5.0	50	0	101	52.8-147	43.06	15.7	20	
Carbon tetrachloride	35.87	5.0	50	0	71.7	76.8-120	34.77	3.11	20	S
Chlorobenzene	48.06	5.0	50	0	96.1	80-120	45.01	6.56	20	
Chloroethane	44.12	5.0	50	0	88.2	74.2-120	38.96	12.4	20	
Chloroform	51.76	5.0	50	0	104	80-120	48.18	7.16	20	
Chloromethane	44.1	5.0	50	0	88.2	63.5-133	41.5	6.07	20	
cis-1,3-Dichloropropene	51.04	5.0	50	0	102	80-120	48.43	5.24	20	
Dichloromethane	48.99	10	50	0	98	74.7-120	46.49	5.22	20	
Ethylbenzene	44.55	5.0	50	0	89.1	80-120	42	5.9	20	
Tetrachloroethene	37.54	5.0	50	0	75.1	80-120	36.3	3.38	20	S
Toluene	47.15	5.0	50	0	94.3	80-120	44.36	6.11	20	
trans-1,2-Dichloroethene	47.25	5.0	50	0	94.5	75.9-122	43.14	9.11	20	
trans-1,3-Dichloropropene	51.52	5.0	50	0	103	80-120	49.74	3.52	20	
Trichloroethene	45.89	5.0	50	0	91.8	80-120	42.91	6.71	20	
Vinyl chloride	37.74	2.0	50	0	75.5	76.2-121	35.98	4.76	20	S
Xylenes, Total	138.6	15	150	0	91.1	80-120	128.3	6.29	20	
Surr: 1,2-Dichloroethane-d4	*55.23*	5.0	*50*	0	*110*	*70-125*	53.2	*3.74*	*20*	
Surr: 4-Bromofluorobenzene	*57.18*	5.0	*50*	0	*114*	*72.4-125*	55.56	*2.88*	*20*	
Surr: Dibromofluoromethane	*54.67*	5.0	*50*	0	*109*	*71.2-125*	52.25	*4.53*	*20*	
Surr: Toluene-d8	*57.53*	5.0	*50*	0	*115*	*75-125*	57.26	*0.463*	*20*	

The following samples were analyzed in this batch: 0611296-32A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
Q - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID. **R44204** Instrument ID **VOA5** Method **SW8260**

MBLK Sample ID: **VBLKS-112606** Units µg/Kg Analysis Date. **11/26/06 23:08**

Client ID Run ID **VOA5_061126B** SeqNo **1003677** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
2-Butanone	U	10								
Benzene	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	10								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	10								
Chloroform	U	5.0								
Chloromethane	U	10								
cis-1,3-Dichloropropene	U	5.0								
Dichloromethane	U	10								
Ethylbenzene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								
Vinyl chloride	U	2.0								
Xylenes, Total	U	15								
Surr: 1,2-Dichloroethane-d4	*50.74*	0	*50*	0	*101*	*70-128*		0		
Surr: 4-Bromofluorobenzene	*43.68*	0	*50*	0	*87.4*	*73-126*		0		
Surr: Dibromofluoromethane	*50.4*	0	*50*	0	*101*	*71-128*		0		
Surr: Toluene-d8	*46.88*	0	*50*	0	*93.8*	*73-127*		0		

ND - Not Detected at the Reporting Limit
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44204** Instrument ID **VOA5** Method **SW8260**

LCS Sample ID: **VLCSS-112606** Units **µg/Kg** Analysis Date: **11/26/06 22:44**

Client ID Run ID **VOA5_061126B** SeqNo **1003676** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	53.57	5.0	50	0	107	75.6-123	0			
1,1,2,2-Tetrachloroethane	53.44	5.0	50	0	107	75.1-120	0			
1,1,2-Trichloroethane	51.65	5.0	50	0	103	72.8-120	0			
1,1-Dichloroethane	53.46	5.0	50	0	107	75.3-121	0			
1,1-Dichloroethene	48.1	5.0	50	0	96.2	78-120	0			
1,2-Dichloroethane	47.96	5.0	50	0	95.9	70.6-128	0			
1,2-Dichloropropane	52.5	5.0	50	0	105	79.4-120	0			
2-Butanone	116.4	10	100	0	116	54.8-130	0			
Benzene	51.13	5.0	50	0	102	80-121	0			
Bromoform	54.46	5.0	50	0	109	76.9-120	0			
Bromomethane	50.38	10	50	0	101	58.9-132	0			
Carbon tetrachloride	52.79	5.0	50	0	106	71.8-130	0			
Chlorobenzene	49.79	5.0	50	0	99.6	80-120	0			
Chloroethane	54.4	10	50	0	109	62.5-135	0			
Chloroform	52.23	5.0	50	0	104	74.5-120	0			
Chloromethane	62.79	10	50	0	126	62.8-129	0			
cis-1,3-Dichloropropene	55.02	5.0	50	0	110	72.7-120	0			
Dichloromethane	43.92	10	50	0	87.8	61.4-120	0			
Ethylbenzene	51.6	5.0	50	0	103	79.9-122	0			
Tetrachloroethene	48.49	5.0	50	0	97	79.5-125	0			
Toluene	50.56	5.0	50	0	101	79.1-123	0			
trans-1,2-Dichloroethene	51.95	5.0	50	0	104	76.3-124	0			
trans-1,3-Dichloropropene	52.05	5.0	50	0	104	65-127	0			
Trichloroethene	49.83	5.0	50	0	99.7	77.1-121	0			
Vinyl chloride	59.7	2.0	50	0	119	66.1-129	0			
Xylenes, Total	156.4	15	150	0	104	79.4-125	0			
Surr: 1,2-Dichloroethane-d4	*49.84*	0	*50*	0	*99.7*	*70-128*	0			
Surr: 4-Bromofluorobenzene	*47*	0	*50*	0	*94*	*73-126*	0			
Surr: Dibromofluoromethane	*52.12*	0	*50*	0	*104*	*71-128*	0			
Surr: Toluene-d8	*48.91*	0	*50*	0	*97.8*	*73-127*	0			

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R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44204** Instrument ID **VOA5** Method **SW8260**

MS Sample ID **0611291-32AMS** Units **µg/Kg** Analysis Date **11/27/06 2:07**

Client ID Run ID **VOA5_061126B** SeqNo **1003679** Prep Date DF **0.83**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	38.51	4.2	41.5	0	92.8	75.6-123	0			
1,1,2,2-Tetrachloroethane	35.48	4.2	41.5	0	85.5	75.1-120	0			
1,1,2-Trichloroethane	36.45	4.2	41.5	0	87.8	72.8-120	0			
1,1-Dichloroethane	39.04	4.2	41.5	0	94.1	75.3-121	0			
1,1-Dichloroethene	36.23	4.2	41.5	0	87.3	78-120	0			
1,2-Dichloroethane	34.66	4.2	41.5	0	83.5	70.6-128	0			
1,2-Dichloropropane	37.1	4.2	41.5	0	89.4	79.4-120	0			
2-Butanone	71.83	8.3	83	0	86.5	54.8-130	0			
Benzene	37.29	4.2	41.5	0	89.8	80-121	0			
Bromoform	35.27	4.2	41.5	0	85	76.9-120	0			
Bromomethane	37.78	8.3	41.5	0	91	58.9-132	0			
Carbon tetrachloride	36.52	4.2	41.5	0	88	71.8-130	0			
Chlorobenzene	33.63	4.2	41.5	0	81	80-120	0			
Chloroethane	38.16	8.3	41.5	0	92	62.5-135	0			
Chloroform	38.69	4.2	41.5	0	93.2	74.5-120	0			
Chloromethane	45.56	8.3	41.5	0	110	62.8-129	0			
cis-1,3-Dichloropropene	36.41	4.2	41.5	0	87.7	72.7-120	0			
Dichloromethane	32.09	8.3	41.5	0	77.3	61.4-120	0			
Ethylbenzene	34.91	4.2	41.5	0	84.1	79.9-122	0			
Tetrachloroethene	34.41	4.2	41.5	1.154	80.1	79.5-125	0			
Toluene	35.34	4.2	41.5	0	85.2	79.1-123	0			
trans-1,2-Dichloroethene	37.35	4.2	41.5	0	90	76.3-124	0			
trans-1,3-Dichloropropene	34.41	4.2	41.5	0	82.9	65-127	0			
Trichloroethene	36.38	4.2	41.5	15.94	49.3	77.1-121	0			S
Vinyl chloride	44.21	1.7	41.5	0	107	86.1-129	0			
Xylenes, Total	101.6	12	124.5	0	81.6	79.4-125	0			
Surr: 1,2-Dichloroethane-d4	*42.02*	0	*41.5*	0	*101*	*70-128*	0			
Surr: 4-Bromofluorobenzene	38.13	0	41.5	0	91.9	73-126	0			
Surr: Dibromofluoromethane	*42.32*	0	*41.5*	0	*102*	*71-128*	0			
Surr: Toluene-d8	*40.93*	0	*41.5*	0	*98.6*	*73-127*	0			

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B - Analyte detected in assoc Method Blank
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E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44204** Instrument ID **VOA5** Method: **SW8260**

MSD Sample ID **0611291-32AMSD** Units: **µg/Kg** Analysis Date: **11/27/06 2:32**

Client ID Run ID: **VOA5_061126B** SeqNo **1003680** Prep Date DF: **0.83**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	44.59	4.2	41.5	0	107	75.6-123	38.51	14.6	30	
1,1,2,2-Tetrachloroethane	42.37	4.2	41.5	0	102	75.1-120	35.48	17.7	30	
1,1,2-Trichloroethane	43.76	4.2	41.5	0	105	72.8-120	36.45	18.2	30	
1,1-Dichloroethane	45.43	4.2	41.5	0	109	75.3-121	39.04	15.1	30	
1,1-Dichloroethene	38.99	4.2	41.5	0	94	78-120	36.23	7.34	30	
1,2-Dichloroethane	39.65	4.2	41.5	0	95.6	70.6-128	34.66	13.4	30	
1,2-Dichloropropane	42.98	4.2	41.5	0	104	79.4-120	37.1	14.7	30	
2-Butanone	87.79	8.3	83	0	106	54.8-130	71.83	20	30	
Benzene	41.91	4.2	41.5	0	101	80-121	37.28	11.7	30	
Bromoform	42.52	4.2	41.5	0	102	76.9-120	35.27	18.6	30	
Bromomethane	40.26	8.3	41.5	0	97	58.9-132	37.78	6.35	30	
Carbon tetrachloride	40.43	4.2	41.5	0	97.4	71.8-130	36.52	10.2	30	
Chlorobenzene	39.58	4.2	41.5	0	95.4	80-120	33.63	16.3	30	
Chloroethane	44.56	8.3	41.5	0	107	62.5-135	38.16	15.5	30	
Chloroform	44.54	4.2	41.5	0	107	74.5-120	38.69	14	30	
Chloromethane	49.99	8.3	41.5	0	120	62.8-129	45.56	9.27	30	
cis-1,3-Dichloropropene	42.68	4.2	41.5	0	103	72.7-120	36.41	15.9	30	
Dichloromethane	41.88	8.3	41.5	0	101	61.4-120	32.09	26.5	30	
Ethylbenzene	40.37	4.2	41.5	0	97.3	79.9-122	34.91	14.5	30	
Tetrachloroethene	40.01	4.2	41.5	1.154	93.6	79.5-125	34.41	15.1	30	
Toluene	40.98	4.2	41.5	0	98.8	79.1-123	35.34	14.8	30	
trans-1,2-Dichloroethene	42.05	4.2	41.5	0	101	76.3-124	37.35	11.8	30	
trans-1,3-Dichloropropene	40.73	4.2	41.5	0	98.1	65-127	34.41	16.8	30	
Trichloroethene	41.07	4.2	41.5	15.94	60.6	77.1-121	36.38	12.1	30	S
Vinyl chloride	49.29	1.7	41.5	0	119	66.1-129	44.21	10.9	30	
Xylenes, Total	121.8	12	124.5	0	97.8	79.4-125	101.6	18	30	
Surr: 1,2-Dichloroethane-d4	*45.31*	0	*41.5*	0	*109*	*70-128*	42.02	*7.55*	*30*	
Surr: 4-Bromofluorobenzene	*42.88*	0	*41.5*	0	*103*	*73-126*	38.13	*11.7*	*30*	
Surr: Dibromofluoromethane	*47.52*	0	*41.5*	0	*115*	*71-128*	42.32	*11.6*	*30*	
Surr: Toluene-d8	*44.51*	0	*41.5*	0	*107*	*73-127*	40.93	*8.39*	*30*	

The following samples were analyzed in this batch: 0611296-07A 0611296-15A 0611296-26A

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J - Analyte detected below quantitation limits
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R - RPD outside accepted recovery limits
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B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRJ-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44258** Instrument ID **VOA5** Method **SW8260**

MBLK Sample ID: **VBLKS-112806** Units **µg/Kg** Analysis Date: **11/28/06 11:48**

Client ID Run ID: **VOA5_061128A** SeqNo. **1004788** Prep Date DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
2-Butanone	U	10								
Benzene	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	10								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	10								
Chloroform	U	5.0								
Chloromethane	U	10								
cis-1,3-Dichloropropene	U	5.0								
Dichloromethane	U	10								
Ethylbenzene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								
Vinyl chloride	U	2.0								
Xylenes, Total	U	15								
Surr: 1,2-Dichloroethane-d4	*46.33*	0	*50*	0	*92.7*	*70-128*		0		
Surr: 4-Bromofluorobenzene	*44.37*	0	*50*	0	*88.7*	*73-126*		0		
Surr: Dibromofluoromethane	*45.6*	0	*50*	0	*91.2*	*71-128*		0		
Surr: Toluene-d8	*47.51*	0	*50*	0	*95*	*73-127*		0		

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U - Analyzed for but not detected
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CLIENT: Golder Associates, Inc
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID R44268 Instrument ID VOA6 Method SW8260

LCS Sample ID: VLCSS-112806 Units: µg/Kg Analysis Date: 11/28/06 11:02
Client ID. Run ID VOA6_061128A SeqNo: 1004787 Prep Date: DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	50.78	5.0	50	0	102	75.6-123	0			
1,1,2,2-Tetrachloroethane	51.81	5.0	50	0	104	75.1-120	0			
1,1,2-Trichloroethane	50.82	5.0	50	0	102	72.8-120	0			
1,1-Dichloroethane	49.75	5.0	50	0	99.5	75.3-121	0			
1,1-Dichloroethene	52.02	5.0	50	0	104	78-120	0			
1,2-Dichloroethane	51.54	5.0	50	0	103	70.6-128	0			
1,2-Dichloropropane	47.87	5.0	50	0	95.7	79.4-120	0			
2-Butanone	90.01	10	100	0	90	54.8-130	0			
Benzene	50.91	5.0	50	0	102	80-121	0			
Bromoform	51.86	5.0	50	0	104	76.9-120	0			
Bromomethane	44.39	10	50	0	88.8	58.9-132	0			
Carbon tetrachloride	50.1	5.0	50	0	100	71.8-130	0			
Chlorobenzene	48.02	5.0	50	0	96	80-120	0			
Chloroethane	50.24	10	50	0	100	62.5-135	0			
Chloroform	49.65	5.0	50	0	99.3	74.5-120	0			
Chloromethane	51.8	10	50	0	104	62.8-129	0			
cis-1,3-Dichloropropene	51.98	5.0	50	0	104	72.7-120	0			
Dichloromethane	49.12	10	50	0	98.2	61.4-120	0			
Ethylbenzene	49.31	5.0	50	0	98.6	79.9-122	0			
Tetrachloroethene	46.7	5.0	50	0	93.4	79.5-125	0			
Toluene	48.94	5.0	50	0	97.9	79.1-123	0			
trans-1,2-Dichloroethene	48.65	5.0	50	0	97.3	76.3-124	0			
trans-1,3-Dichloropropene	49.06	5.0	50	0	98.1	65-127	0			
Trichloroethene	48.83	5.0	50	0	97.7	77.1-121	0			
Vinyl chloride	52.57	2.0	50	0	105	66.1-129	0			
Xylenes, Total	146.5	15	150	0	97.7	79.4-125	0			
Surr: 1,2-Dichloroethane-d4	*47.53*	0	*50*	0	*95.1*	*70-128*	0			
Surr: 4-Bromofluorobenzene	*47.58*	0	*50*	0	*95.2*	*73-126*	0			
Surr: Dibromofluoromethane	*48.45*	0	*50*	0	*96.9*	*71-128*	0			
Surr: Toluene-d8	*47.07*	0	*50*	0	*94.1*	*73-127*	0			

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CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44258** Instrument ID **VOA5** Method: **SW8260**

MS Sample ID **0611317-26AMS** Units: **µg/Kg** Analysis Date: **11/28/06 16:24**

Client ID Run ID: **VOA5_061128A** SeqNo **1004789** Prep Date: DF: **0.804**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	39.6	4.0	40.2	0	98.5	75.6-123	0			
1,1,2,2-Tetrachloroethane	36.81	4.0	40.2	0	91.6	75.1-120	0			
1,1,2-Trichloroethane	36.34	4.0	40.2	0	90.4	72.8-120	0			
1,1-Dichloroethane	39.09	4.0	40.2	0	97.2	75.3-121	0			
1,1-Dichloroethene	40.08	4.0	40.2	0	99.7	78-120	0			
1,2-Dichloroethane	37.98	4.0	40.2	0	94.5	70.6-128	0			
1,2-Dichloropropane	36.22	4.0	40.2	0	90.1	79.4-120	0			
2-Butanone	74.4	8.0	80.4	0	92.5	54.8-130	0			
Benzene	38.33	4.0	40.2	0	95.3	80-121	0			
Bromoform	36.34	4.0	40.2	0	90.4	76.9-120	0			
Bromomethane	42.12	8.0	40.2	0	105	58.9-132	0			
Carbon tetrachloride	38.89	4.0	40.2	0	96.8	71.8-130	0			
Chlorobenzene	35.75	4.0	40.2	0	88.9	80-120	0			
Chloroethane	41.37	8.0	40.2	0	103	62.5-135	0			
Chloroform	38.33	4.0	40.2	0	95.3	74.5-120	0			
Chloromethane	44.01	8.0	40.2	0	109	62.8-129	0			
cis-1,3-Dichloropropene	37.25	4.0	40.2	0	92.7	72.7-120	0			
Dichloromethane	37.88	8.0	40.2	0	94.2	61.4-120	0			
Ethylbenzene	37.73	4.0	40.2	0	93.9	79.9-122	0			
Tetrachloroethene	37.63	4.0	40.2	0	93.6	79.5-125	0			
Toluene	37.24	4.0	40.2	0	92.6	79.1-123	0			
trans-1,2-Dichloroethene	40.77	4.0	40.2	0	101	76.3-124	0			
trans-1,3-Dichloropropene	34.39	4.0	40.2	0	85.5	65-127	0			
Trichloroethene	37.53	4.0	40.2	0	93.3	77.1-121	0			
Vinyl chloride	42.07	1.6	40.2	0	105	66.1-129	0			
Xylenes, Total	108.9	12	120.6	2.134	88.6	79.4-125	0			
Surr: 1,2-Dichloroethane-d4	*40.14*	0	*40.2*	0	*99.8*	*70-128*	0			
Surr: 4-Bromofluorobenzene	*37.1*	0	*40.2*	0	*92.3*	*73-126*	0			
Surr: Dibromofluoromethane	*40.16*	0	*40.2*	0	*99.9*	*71-128*	0			
Surr: Toluene-d8	*39.3*	0	*40.2*	0	*97.8*	*73-127*	0			

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CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: **R44258** Instrument ID **VOA5** Method **SW8260**

MSD Sample ID **0611317-26AMSD** Units **µg/Kg** Analysis Date **11/28/06 16:48**
Client ID: Run ID **VOA5_061128A** SeqNo **1004790** Prep Date DF **0.81**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	40 04	4.0	40.5	0	98 9	75 6-123	39 6	1.11	30	
1,1,2,2-Tetrachloroethane	42 76	4 0	40.5	0	106	75 1-120	36.81	15	30	
1,1,2-Trichloroethane	35 01	4.0	40.5	0	86 4	72.8-120	36 34	3 73	30	
1,1-Dichloroethane	38 58	4 0	40.5	0	95 3	75 3-121	39.09	1.32	30	
1,1-Dichloroethene	38 13	4.0	40 5	0	94.2	78-120	40 08	4 99	30	
1,2-Dichloroethane	37.32	4.0	40 5	0	92.2	70 6-128	37 98	1 73	30	
1,2-Dichloropropane	36 33	4 0	40.5	0	89 7	79 4-120	36.22	0 302	30	
2-Butanone	82 81	8 1	81	0	102	54 8-130	74.4	10 7	30	
Benzene	36 85	4.0	40 5	0	91	80-121	38.33	3.93	30	
Bromoform	36.25	4.0	40 5	0	89.5	76 9-120	36.34	0.251	30	
Bromomethane	37 84	8.1	40.5	0	93.4	58 9-132	42 12	10 7	30	
Carbon tetrachloride	36 97	4.0	40 5	0	91.3	71.8-130	38.89	5.08	30	
Chlorobenzene	35 23	4.0	40.5	0	87	80-120	35 75	1 48	30	
Chloroethane	40 03	8 1	40 5	0	98 8	62.5-135	41 37	3 29	30	
Chloroform	37 56	4.0	40.5	0	92.7	74.5-120	38 33	2 04	30	
Chloromethane	41.86	8.1	40 5	0	103	62.8-129	44.01	5 01	30	
cis-1,3-Dichloropropene	37 01	4.0	40.5	0	91 4	72 7-120	37 25	0 64	30	
Dichloromethane	35 8	8.1	40.5	0	88 4	61 4-120	37.88	5 66	30	
Ethylbenzene	35 24	4.0	40.5	0	87	79.9-122	37.73	6.83	30	
Tetrachloroethene	34 55	4 0	40 5	0	85 3	79 5-125	37 63	8 52	30	
Toluene	35 84	4.0	40 5	0	88.5	79 1-123	37 24	3 83	30	
trans-1,2-Dichloroethene	38.37	4.0	40.5	0	94.7	76.3-124	40 77	6 06	30	
trans-1,3-Dichloropropene	33 94	4.0	40.5	0	83.8	65-127	34 39	1.29	30	
Trichloroethene	37.5	4 0	40.5	0	92.6	77 1-121	37.53	0.0688	30	
Vinyl chloride	41 3	1.6	40.5	0	102	66 1-129	42 07	1 85	30	
Xylenes, Total	113.2	12	121 5	2 134	91.4	79.4-125	108 9	3.85	30	
Surr: 1,2-Dichloroethane-d4	*39 24*	0	*40 5*	0	*96 9*	*70-128*	40 14	*2 28*	*30*	
Surr: 4-Bromofluorobenzene	*37 53*	0	*40 5*	0	*92 7*	*73-126*	37 1	*1 16*	*30*	
Surr: Dibromofluoromethane	*39 1*	0	*40 5*	0	*96 5*	*71-128*	40.16	*2 68*	*30*	
Surr: Toluene-d8	*38 34*	0	*40 5*	0	*94.7*	*73-127*	39 3	*2 49*	*30*	

The following samples were analyzed in this batch: 0611296-03A 0611296-08A 0611296-20A 0611296-23A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID. **R44389** Instrument ID **VOA5** Method. **SW8260**

MS Sample ID **0611296-29AMS** Units **µg/Kg** Analysis Date: **11/29/06 15:51**

Client ID: **SB79-18** Run ID **VOA5_061129A** SeqNo: **1005375** Prep Date DF **0.852**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	39 61	4 3	42.6	0	93	75 6-123	0			
1,1,2,2-Tetrachloroethane	39 73	4.3	42.6	0	93.3	75.1-120	0			
1,1,2-Trichloroethane	36.94	4.3	42.6	0	86.7	72.8-120	0			
1,1-Dichloroethane	39.93	4.3	42.6	0	93.7	75.3-121	0			
1,1-Dichloroethene	42.5	4.3	42.6	0	99.8	78-120	0			
1,2-Dichloroethane	38.5	4.3	42.6	0	90 4	70 6-128	0			
1,2-Dichloropropane	37 12	4 3	42 6	0	87.1	79.4-120	0			
2-Butanone	75.48	8 5	85.2	0	88.6	54.8-130	0			
Benzene	39 62	4.3	42.6	0	93	80-121	0			
Bromoform	35.27	4.3	42.6	0	82.8	76.9-120	0			
Bromomethane	39 43	8.5	42.6	0	92.6	58.9-132	0			
Carbon tetrachloride	39 61	4 3	42.6	0	93	71 8-130	0			
Chlorobenzene	36 74	4 3	42.6	0	86.2	80-120	0			
Chloroethane	43 2	8.5	42 6	0	101	62 5-135	0			
Chloroform	40 73	4.3	42.6	0	95.6	74.5-120	0			
Chloromethane	44 51	8.5	42 6	0	104	62.8-129	0			
cis-1,3-Dichloropropene	38.03	4.3	42.6	0	89.3	72.7-120	0			
Dichloromethane	41.24	8.5	42 6	2 78	90.3	61.4-120	0			
Ethylbenzene	37 44	4 3	42.6	0	87.9	79.9-122	0			
Tetrachloroethene	38.24	4.3	42 6	0	89.8	79.5-125	0			
Toluene	38.27	4.3	42.6	0	89.8	78.1-123	0			
trans-1,2-Dichloroethene	42.22	4.3	42.6	0	99 1	76 3-124	0			
trans-1,3-Dichloropropene	34.57	4.3	42 6	0	81 1	65-127	0			
Trichloroethene	37.2	4 3	42.6	0	87.3	77 1-121	0			
Vinyl chloride	43	1 7	42 6	0	101	66 1-129	0			
Xylenes, Total	113 1	13	127 8	0	88 5	79 4-125	0			
Surr: 1,2-Dichloroethane-d4	*41 36*	0	*42.6*	0	*97 1*	*70-128*	0			
Surr: 4-Bromofluorobenzene	*36 62*	0	*42 6*	0	*86*	*73-126*	0			
Surr: Dibromofluoromethane	*41 19*	0	*42 6*	0	*96 7*	*71-128*	0			
Surr: Toluene-d8	*41 64*	0	*42 6*	0	*97 7*	*73-127*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

MDLs & MQLs

Golder Associates, Inc.
CRI - Superfund
Work Order 0611296

CLIENT: Golder Associates, Inc
Work Order: 0611296
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: **R43993** Instrument ID **Balance1** Method **E160.3**

DUP Sample ID: **0611296-03BDUP** Units **wt%** Analysis Date: **11/17/06 0:00**
Client ID. **SB73-18** Run ID. **BALANCE1_061117A** SeqNo. **999259** Prep Date: DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	18 75	0 010	0	0	0	0-0	18 67	0 405	20	

DUP Sample ID **0611301-01CDUP** Units **wt%** Analysis Date: **11/17/06 0:00**
Client ID Run ID **BALANCE1_061117A** SeqNo **999261** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	17.37	0 010	0	0	0	0-0	19 78	13	20	

The following samples were analyzed in this batch: 0611296-01A 0611296-02A 0611296-03B

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

Test Code: 8260_TCL_W
Test Number: SW8260
Test Name: TCL Volatile Organics
Matrix: Aqueous **Units:** µg/L

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	1,1,1-Trichloroethane	71-55-6	0.6	5
A	1,1,2,2-Tetrachloroethane	79-34-5	1.5	5
A	1,1,2-Trichloroethane	79-00-5	0.5	5
A	1,1-Dichloroethane	75-34-3	0.5	5
A	1,1-Dichloroethene	75-35-4	0.6	5
A	1,2-Dichloroethane	107-06-2	0.5	5
A	1,2-Dichloropropane	78-87-5	0.7	5
A	2-Butanone	78-93-3	0.8	10
A	Benzene	71-43-2	0 6	5
A	Bromoform	75-25-2	0 8	5
A	Bromomethane	74-83-9	0.5	5
A	Carbon tetrachloride	56-23-5	0.6	5
A	Chlorobenzene	108-90-7	0 5	5
A	Chloroethane	75-00-3	0 6	5
A	Chloroform	67-66-3	0.5	5
A	Chloromethane	74-87-3	0 5	5
A	cis-1,3-Dichloropropene	10061-01-5	0 5	5
A	Dichloromethane	75-09-2	0.6	10
A	Ethylbenzene	100-41-4	0.5	5
A	Tetrachloroethene	127-18-4	0.5	5
A	Toluene	108-88-3	0.5	5
A	trans-1,2-Dichloroethene	156-60-5	0.6	5
A	trans-1,3-Dichloropropene	10061-02-6	0 5	5
A	Trichloroethene	79-01-6	0.7	5
A	Vinyl chloride	75-01-4	0.6	2
M	Xylenes, Total	1330-20-7	1.5	15
S	Surr: 1,2-Dichloroethane-d4	17060-07-0	0	5
S	Surr: 4-Bromofluorobenzene	460-00-4	0	5
S	Surr. Dibromofluoromethane	1868-53-7	0	5
S	Surr: Toluene-d8	2037-26-5	0	5

Test Code: HG_S
Test Number: SW7471A
Test Name: Mercury, Total
Matrix: Solid **Units:** µg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Mercury	7439-97-6	1.4	13.3

e-Lab Analytical, Inc.

Date: Dec 05, 2006

Test Code: HG_W
Test Number: SW7470
Test Name: Mercury, Total
Matrix: Aqueous **Units:** mg/L

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Mercury	7439-97-6	0.000042	0.0002

Test Code: ICP_S_Low
Test Number: SW6020
Test Name: ICP Metals
Matrix: Solid **Units:** mg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Antimony	7440-36-0	0.14	0.5
A	Arsenic	7440-38-2	0.13	0 5
A	Barium	7440-39-3	0.07	0.5
A	Beryllium	7440-41-7	0.03	0.5
A	Cadmium	7440-43-9	0.03	0.5
A	Chromium	7440-47-3	0.07	0.5
A	Copper	7440-50-8	0.04	0 5
A	Lead	7439-92-1	0 09	0.5
A	Nickel	7440-02-0	0.08	0.5
A	Selenium	7782-49-2	0.19	0.5
A	Silver	7440-22-4	0.02	0.5
A	Thallium	7440-28-0	0.05	0 5
A	Zinc	7440-66-6	0.1	0.5

Test Code: ICP_TW
Test Number: SW6020
Test Name: ICP Metals, Total
Matrix: Aqueous **Units:** mg/L

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Antimony	7440-36-0	0.001	0.005
A	Arsenic	7440-38-2	0.0018	0.005
A	Barium	7440-39-3	0.0006	0.005
A	Beryllium	7440-41-7	0 0003	0.002
A	Cadmium	7440-43-9	0.00015	0.002
A	Chromium	7440-47-3	0.0005	0.005
A	Copper	7440-50-8	0.0003	0.005
A	Lead	7439-92-1	0.0002	0 005
A	Nickel	7440-02-0	0.0003	0.005
A	Selenium	7782-49-2	0.0017	0.005
A	Silver	7440-22-4	0.0002	0.005
A	Thallium	7440-28-0	0.0004	0.002
A	Zinc	7440-66-6	0.0015	0.005

e-Lab Analytical, Inc. **Date:** Dec 05, 2006

Test Code: MOISTURE
Test Number: E160.3
Test Name: Percent Moisture
Matrix: Soil **Units:** wt%

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Percent Moisture	MOIST	0.01	0 01

Golder Associates, Inc.

CRI Superfund

Work Order 0611315

The total number of pages in this document is _____

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- TRRP Laboratory Data Package Cover Sheet
- TRRP Checklist
- Sample Summary Table
- Chain of Custody and Sample Receipt Checklist
- Analytical Report
- QC Batch Summary Report
- MDLs and MQLs
- Metals Raw Data
- Mercury Raw Data
- Moisture Raw Data

e-Lab Analytical, Inc. **Date:** *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**TRRP Laboratory Data Package Cover Page**
Project:	CRI-Superfund Wiley, Texas	
Work Order:	0611315	

This data package consists of all or some of the following as applicable:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation:

R2 Sample identification cross-reference

R3 Test reports (analytical data sheets) for each environmental sample that includes:
- a) Items consistent with NELAC 5.13 or ISO/IEC 17025 Section 5.10
- b) dilution factors,
- c) preparation methods,
- d) cleanup methods, and
- e) if required for the project, tentatively identified compounds (TICs).

R4 Surrogate recovery data including:
- a) Calculated recovery (%R), and
- b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms for laboratory control samples (LCSs) including:
- a) LCS spiking amounts,
- b) Calculated %R for each analyte, and
- c)The laboratory's LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including.
- a) Samples associated with the MS/MSD clearly identified,
- b) MS/MSD spiking amounts,
- c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
- d) Calculated %Rs and relative percent differences (RPDs), and
- e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) recovery and precision:
- a) the amount of analyte measured in the duplicate,
- b) the calculated RPD, and
- c) the laboratory's QC limits for analytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;?

R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release Statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exception reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratory in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, if applicable [NA] This laboratory is an in-house laboratory controlled by the person responding to rule The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Patricia L. Lynch

Patricia L. Lynch

Project Manager

Laboratory Review Checklist: Reportable Data

Laboratory Name: e-Lab Analytical, Inc	LRC Date: 12/20/2006
Project Name CRI Superfund Wiley	Laboratory Job Number: 0611315
Reviewer Name Patricia L Lynch	Prep Batch Number(s): 20897, 20921, 20945, 20946, R44085 and R44137

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**CHAIN-OF-CUSTODY (C-O-C)**					
		1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		2) Were all departures from standard conditions described in an exception report?	X				
R2	OI	**SAMPLE AND QUALITY CONTROL (QC) IDENTIFICATION**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**TEST REPORTS**					
		1) Were all samples prepared and analyzed within holding times?	X				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample quantitation limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	X				
		7) Was % moisture (or solids) reported for all soil and sediment samples?	X				
		8) If required for the project, TICs reported?			X		
R4	O	**SURROGATE RECOVERY DATA**					
		1) Were surrogates added prior to extraction?			X		
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**TEST REPORTS/SUMMMARY FORMS FOR BLANK SAMPLES**					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?	X				
R6	OI	**LABORATORY CONTROL SAMPLES (LCS):**					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	X				
		6) Was the LCSD RPD within QC limits?	X				
R7	OI	**MATRIX SPIKE (MS) AND MATRIX SPIKE DUPLICATE (MSD) DATA**					
		1) Were the project/method specified analytes included in the MS and MSD?	X				
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			1
		4) Were MS/MSD RPDs within laboratory QC limits?		X			2
R8	OI	**ANALYTICAL DUPLICATE DATA**					
		1) Were appropriate analytical duplicates analyzed for each matrix?	X				
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?		X			3
R9	OI	**METHOD QUANTITATION LIMITS (MQLS):**					
		1) Are the MQLs for each method analyte listed and included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs included in the laboratory data package?	X				
R10	OI	**OTHER PROBLEMS/ANOMALIES**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		2) Were all necessary corrective actions performed for the reported data?	X				
		3) If requested, is the justification for elevated SQLs documented?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted in o the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period

2 O = organic analyses, I = inorganic analyses (and general chemistry, when applicable),

3 NA = Not applicable,

4 NR = Not Reviewed,

5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Supporting Data								
Laboratory Name: e-lab Analytical, Inc			LRC Date: 12/20/2006					
Project Name. CRI Superfund Wiley			Laboratory Job Number: 0611315					
Reviewer Name: Patricia L. Lynch			Prep Batch Number(s): 20897, 20921, 20945, 20946, R44085 and R44137					
#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]	
S1	OI	INITIAL CALIBRATION (ICAL)						
		1) Were response factors (RFs) and/or relative response factors (RRFs) for each analyte within the QC limits?	X					
		2) Were percent RSDs or correlation coefficient criteria met?	X					
		3) Was the number of standards recommended in the method used for all analytes?	X					
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X					
		5) Are ICAL data available for all instruments used?	X					
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X					
S2	OI	INITIAL AND CONTINUING CALIBRATION VERIFICATION (ICCV AND CCV) AND						
		1) Was the CCV analyzed at the method-required frequency?	X					
		2) Were percent differences for each analyte within the method-required QC limits?	X					
		3) Was the ICAL curve verified for each analyte?	X					
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X			
S3	O	MASS SPECTRAL TUNING:						
		1) Was the appropriate compound for the method used for tuning?	X					
		2) Were ion abundance data within the method-required QC limits?			X			
S4	O	INTERNAL STANDARDS (IS):						
		Were IS area counts and retention times within the method-required QC limits?			X			
S5	OI	RAW DATA (NELAC SECTION 1 APPENDIX A GLOSSARY, AND SECTION 5.12 OR						
		1) Were the raw data (e.g., chromatograms, spectral data) reviewed by an analyst?	X					
		2) Were data associated with manual integrations flagged on the raw data?	X					
S6	O	DUAL COLUMN CONFIRMATION						
		Did dual column confirmation results meet the method-required QC?			X			
S7	O	TENTATIVELY IDENTIFIED COMPOUNDS (TICS):						
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X			
S8	I	INTERFERENCE CHECK SAMPLE (ICS) RESULTS:						
		Were percent recoveries within method QC limits?	X					
S9	I	SERIAL DILUTIONS, POST DIGESTION SPIKES, AND METHOD OF STANDARD						
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?		X			4	
S10	OI	PROFICIENCY TEST REPORTS:						
		Are proficiency testing or inter-laboratory comparison results on file?	X					
S11	OI	METHOD DETECTION LIMIT (MDL) STUDIES						
		1) Was a MDL study performed for each reported analyte?	X					
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X					
S12	OI	STANDARDS DOCUMENTATION						
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X					
S13	OI	COMPOUND/ANALYTE IDENTIFICATION PROCEDURES						
		Are the procedures for compound/analyte identification documented?	X					
S14	OI	DEMONSTRATION OF ANALYST COMPETENCY (DOC)						
		1) Was DOC conducted consistent with NELAC 5C or ISO/IEC 4.2.2?	X					
		2) Is documentation of the analyst's competency up-to-date and on file?	X					
S15	OI	VERIFICATION/VALIDATION DOCUMENTATION FOR METHODS						
		Are all the methods used to generate the data documented, verified, and validated, where applicable, (NELAC 5.10 2 or ISO/IEC 17025 Section 5.4.5)?	X					
S16	OI	LABORATORY STANDARD OPERATING PROCEDURES (SOPS):						
		Are laboratory SOPs current and on file for each method performed?	X					

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period

2 O = organic analyses, I = inorganic analyses (and general chemistry, when applicable)

3 NA = Not applicable

4 NR = Not Reviewed

5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked)

Laboratory Review Checklist: Exception Report		
Laboratory Name: e-Lab Analytical, Inc		LRC Date: 12/20/2006
Project Name: CRI Superfund Wiley		Laboratory Job Number: 0611315
Reviewer Name. Patricia L Lynch		Prep Batch Number(s): 20897, 20921, 20945, 20946, R44085 and R44137
ER #[1]	DESCRIPTION	
1	Batch 20897 Metals MS/MSD recoveries for many of the target elements are outside the control limits in sample SB41-06 from e-Lab work order 0611287 due to matrix interference. Some of the data is flagged with O due to the concentrations in the background sample.	
	Batch 20921 Metals MS/MSD recoveries for many of the target elements are outside the control limits in sample SB59-06 due to matrix interference. Some of the data is flagged with O due to the concentrations in the background sample.	
	Batch 20945 Mercury MS recovery in sample SB59-06 is marginally below the control limits.	
2	Batch 20897 Metals MS/MSD RPD's for several of the target elements are above the control limits in sample SB41-06 from e-Lab work order 0611287 due to matrix interference. Some of the data is flagged with O due to the concentrations in the background sample.	
	Batch 20921 Metals MS/MSD RPD for Lead is marginally above the control limits in sample SB59-06. Some of the data is flagged with O due to the concentrations in the background sample.	
3	Batch 20897 Metals Duplicate RPD's for several of the target elements are above the control limits in sample SB41-06 from e-Lab work order 0611287 due to matrix interference	
	Batch 20921 Duplicate RPD's for Chromium, Copper and Nickel are above the control limits in sample SB59-06 due to matrix interference	
4	Batch 20897 Metals Post-Digestion Spike recoveries for several of the target elements are below the control limits in sample SB41-06 from e-Lab work order 0611287 due to matrix interference. The data for Chromium and Zinc are also flagged with O due to the concentration in the background sample.	
	Batch 20921 Metals Post-Digestion Spike recoveries for Beryllium and Copper are below the control limits in sample SB59-06 due to matrix interference. The data for Copper is also flagged with O due to the concentration in the background sample.	
	Batch 20897 Metals Serial Dilution %D's for Arsenic and Zinc are marginally above the control limits in sample SB41-06 from e-Lab work order 061287 due to matrix interference.	

1 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

e-Lab Analytical, Inc. **Date:** *December 01, 2006*

CLIENT: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas
Work Order: **0611315**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
0611315-01	SB42-06	Soil		11/15/2006 08.34	11/16/2006 09:10	☐
0611315-02	SB42-12	Soil		11/15/2006 08:35	11/16/2006 09:10	☐
0611315-03	SB43-06	Soil		11/15/2006 08.36	11/16/2006 09:10	☐
0611315-04	SB43-12	Soil		11/15/2006 08:37	11/16/2006 09:10	☐
0611315-05	SB46-06	Soil		11/15/2006 08:38	11/16/2006 09:10	☐
0611315-06	SB44-12	Soil		11/15/2006 08:39	11/16/2006 09:10	☐
0611315-07	SB45-06	Soil		11/15/2006 08:42	11/16/2006 09:10	☐
0611315-08	SB45-12	Soil		11/15/2006 08:43	11/16/2006 09:10	☐
0611315-09	SB46-06	Soil		11/15/2006 08:44	11/16/2006 09:10	☐
0611315-10	SB46-12	Soil		11/15/2006 08:45	11/16/2006 09:10	☐
0611315-11	SB47-06	Soil		11/15/2006 08:46	11/16/2006 09:10	☐
0611315-12	SB47-12	Soil		11/15/2006 08:47	11/16/2006 09:10	☐
0611315-13	SB48-06	Soil		11/15/2006 08:50	11/16/2006 09:10	☐
0611315-14	SB48-12	Soil		11/15/2006 08.52	11/16/2006 09 10	☐
0611315-15	SB49-06	Soil		11/15/2006 08:54	11/16/2006 09:10	☐
0611315-16	SB49-12	Soil		11/15/2006 08:55	11/16/2006 09:10	☐
0611315-17	SB50-06	Soil		11/15/2006 08:58	11/16/2006 09:10	☐
0611315-18	SB50-12	Soil		11/15/2006 08:59	11/16/2006 09:10	☐
0611315-19	SB51-06	Soil		11/15/2006 09:01	11/16/2006 09:10	☐
0611315-20	SB51-12	Soil		11/15/2006 09:02	11/16/2006 09:10	☐
0611315-21	SB52-06	Soil		11/15/2006 09:15	11/16/2006 09:10	☐
0611315-22	SB52-12	Soil		11/15/2006 09:17	11/16/2006 09:10	☐
0611315-23	SB53-06	Soil		11/15/2006 09:20	11/16/2006 09:10	☐
0611315-24	SB53-12	Soil		11/15/2006 09:22	11/16/2006 09:10	☐
0611315-25	SB54-06	Soil		11/15/2006 09:25	11/16/2006 09.10	☐
0611315-26	SB54-12	Soil		11/15/2006 09:27	11/16/2006 09:10	☐
0611315-27	SB55-06	Soil		11/15/2006 09:30	11/16/2006 09:10	☐
0611315-28	SB55-12	Soil		11/15/2006 09:32	11/16/2006 09:10	☐
0611315-29	SB56-06	Soil		11/15/2006 09:34	11/16/2006 09:10	☐
0611315-30	SB56-12	Soil		11/15/2006 09:35	11/16/2006 09:10	☐
0611315-31	SB57-06	Soil		11/15/2006 09:36	11/16/2006 09:10	☐
0611315-32	SB57-12	Soil		11/15/2006 09.37	11/16/2006 09:10	☐
0611315-33	SB58-06	Soil		11/15/2006 09:42	11/16/2006 09:10	☐
0611315-34	SB58-12	Soil		11/15/2006 09:43	11/16/2006 09:10	☐
0611315-35	SB58-06 DS-9	Soil		11/15/2006 09.42	11/16/2006 09:10	☐
0611315-36	SB58-12 DS-10	Soil		11/15/2006 09:43	11/16/2006 09:10	☐
0611315-37	SB59-06	Soil		11/15/2006 09:49	11/16/2006 09:10	☐
0611315-38	SB59-12	Soil		11/15/2006 09:51	11/16/2006 09:10	☐
0611315-39	SB60-06	Soil		11/15/2006 09.59	11/16/2006 09:10	☐
0611315-40	SB60-12	Soil		11/15/2006 10:00	11/16/2006 09:10	☐

CLIENT:	Golder Associates, Inc.
Project:	CRI-Superfund Wiley, Texas
Work Order:	**0611315**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
0611315-41	SB61-06	Soil		11/15/2006 10:02	11/16/2006 09:10	☐
0611315-42	SB61-12	Soil		11/15/2006 10:03	11/16/2006 09:10	☐
0611315-43	Trip Blank	Water		11/15/2006 10:03	11/16/2006 09:10	☐

e-LAB
QUALITY · INTEGRITY · SERVICE

Houston, Texas 77099
(Tel) 281 530.5656
(Fax) 281 530 5887

Holland, Michigan 49424
(Tel) 616 399 6070
(Fax) 616.399.6185

e-Lab Project Manager:

e-Lab Work Order #: 061132

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Camtraco	A	VOC (5035/8260) TCEQ
Work Order		Project Number	25334966.02	B	Geotechnical
Company Name	URS-Corporation	Bill To Company	URS-Corporation	C	
Send Report To	Tom Wiberg	Invoice Attn	Tom Wiberg	D	
Address	3010 LBJ Freeway, Suite 1300	Address	3010 LBJ Freeway, Suite 1300	E	
				F	
City/State/Zip	Dallas, TX 75234	City/State/Zip	Dallas, TX 75234	G	
Phone	(972) 406-6974	Phone	(972) 406-6974	H	
Fax	(972) 406-6951	Fax	(972) 406-6951	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW-1	11/16/06	9:30	Water	1,4	3	✓										
2	MW-2		10:10			3											
3	MW-3		10:55			3											
4	MW-4		11:30			3											
5	MW-7		11:35			3											
6	MW-5 (MS/MSD)		12:30			9											
7	MW-6		13:05			3											
8	Trip Blank		—			2											
9	FB-1		13:10			3											
10																	

Sampler(s) Please Print & Sign: Sean Conner

Shipment Method: Elab Pick up

Required Turnaround Time: (Check Box) ☐ Std 10 WK Days ☐ 5 WK Days ☑ Other 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by:	Date: 11/16/06	Time: 14:25	Received by:	11-16-06 1425	Notes: 8 Day TAT.
Relinquished by:	Date: 11-16-06	Time: 1600	Received by (Laboratory):	11-1600 1600	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):		

e-Lab Analytical Cooler ID	Cooler Temp.	QC Packages: (Check One Box Below)
1084		☐ Level II Std QC ☐ TRRP CheckList ☐ Level III Std QC/Raw Data ☑ TRRP Level IV ☐ Level IV SW846/CLP ☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.

2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse

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Sample Receipt Checklist

Client Name URS DALLAS | Date/Time Received: 11/16/2006 2:25:00 PM

Work Order Number 0611312 | Received by PS

Checklist completed by RICHARD SANCHEZ 11-17-06 (Signature / Date) | Reviewed by (Initials) 11/17/06 (Date)

Matrix W | Carrier name E-Lab

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s)	2.5c	002	
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑

Adjusted? | Checked by

Login Notes

Client contacted | Date contacted | Person contacted

Contacted by | Regarding

Comments

Corrective Action

Analytical Report

Golder Associates, Inc.
CRI - Superfund
Work Order 0611315

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB42-06
Work Order:	0611315	**Collection Date:**	11/15/2006 8:34.00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611315-01	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep: SW7471A / 11/28/06		Analyst: JCJ
Mercury	52.6		1.7	16.8	µg/Kg-dry	1	11/28/2006
ICP METALS			Method SW6020		Prep. SW3050A / 11/21/06		Analyst: ALR
Antimony	U		0 15	0.547	mg/Kg-dry	1	11/28/2006
Arsenic	2.31		0.14	0.547	mg/Kg-dry	1	11/28/2006
Barium	184		0.77	5.47	mg/Kg-dry	10	11/29/2006
Beryllium	0.825		0.033	0.547	mg/Kg-dry	1	11/28/2006
Cadmium	0.258	J	0.033	0.547	mg/Kg-dry	1	11/28/2006
Chromium	14.9		0.077	0.547	mg/Kg-dry	1	11/28/2006
Copper	13.7		0.044	0.547	mg/Kg-dry	1	11/28/2006
Lead	34.1		0.98	5.47	mg/Kg-dry	10	11/29/2006
Nickel	16.2		0.087	0.547	mg/Kg-dry	1	11/28/2006
Selenium	0.737		0.21	0.547	mg/Kg-dry	1	11/28/2006
Silver	0.0766	J	0.022	0.547	mg/Kg-dry	1	11/28/2006
Thallium	0.218	J	0.055	0.547	mg/Kg-dry	1	11/28/2006
Zinc	46.6		1.1	5.47	mg/Kg-dry	10	11/29/2006
PERCENT MOISTURE			Method: E160.3				Analyst: PV
Percent Moisture	16.1		0.010	0.0100	wt%	1	11/21/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB43-06
Work Order:	0611315	**Collection Date:**	11/15/2006 8:36:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611315-03	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/28/06		Analyst: JCJ
Mercury	15.2		1.6	15.6	µg/Kg-dry	1	11/28/2006
ICP METALS			Method SW6020		Prep SW3050A / 11/21/06		Analyst: ALR
Antimony	0.604		0.15	0.526	mg/Kg-dry	1	11/28/2006
Arsenic	3.94		0.14	0.526	mg/Kg-dry	1	11/28/2006
Barium	308		3.7	26.3	mg/Kg-dry	50	11/29/2006
Beryllium	0.755		0.032	0.526	mg/Kg-dry	1	11/28/2006
Cadmium	0.534		0.032	0.526	mg/Kg-dry	1	11/28/2006
Chromium	140		3.7	26.3	mg/Kg-dry	50	11/29/2006
Copper	66.9		0.042	0.526	mg/Kg-dry	1	11/28/2006
Lead	712		4.7	26.3	mg/Kg-dry	50	11/29/2006
Nickel	14.2		0.084	0.526	mg/Kg-dry	1	11/28/2006
Selenium	0.816		0.20	0.526	mg/Kg-dry	1	11/28/2006
Silver	0.0894	J	0.021	0.526	mg/Kg-dry	1	11/28/2006
Thallium	0.215	J	0.053	0.526	mg/Kg-dry	1	11/28/2006
Zinc	307		5.3	26.3	mg/Kg-dry	50	11/29/2006
PERCENT MOISTURE			Method E160.3				Analyst: PV
Percent Moisture	17.3		0.010	0.0100	wt%	1	11/21/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB46-06
Work Order:	0611315	**Collection Date:**	11/15/2006 8:38:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611315-05	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/28/06		Analyst: JCJ
Mercury	52.2		1.7	15.9	µg/Kg-dry	1	11/28/2006
ICP METALS			Method SW6020		Prep SW3050A / 11/21/06		Analyst: ALR
Antimony	0.907		0.15	0.542	mg/Kg-dry	1	11/28/2006
Arsenic	2.88		0.14	0.542	mg/Kg-dry	1	11/28/2006
Barium	237		3.8	27.1	mg/Kg-dry	50	11/29/2006
Beryllium	0.701		0.032	0.542	mg/Kg-dry	1	11/28/2006
Cadmium	0.955		0.032	0.542	mg/Kg-dry	1	11/28/2006
Chromium	174		3.8	27.1	mg/Kg-dry	50	11/29/2006
Copper	118		2.2	27.1	mg/Kg-dry	50	11/29/2006
Lead	318		4.9	27.1	mg/Kg-dry	50	11/29/2006
Nickel	10.9		0.087	0.542	mg/Kg-dry	1	11/28/2006
Selenium	0.875		0.21	0.542	mg/Kg-dry	1	11/28/2006
Silver	0.0870	J	0.022	0.542	mg/Kg-dry	1	11/28/2006
Thallium	0.209	J	0.054	0.542	mg/Kg-dry	1	11/28/2006
Zinc	282		5.4	27.1	mg/Kg-dry	50	11/29/2006
PERCENT MOISTURE			Method E160.3				Analyst: PV
Percent Moisture	16.8		0.010	0.0100	wt%	1	11/21/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB45-06
Work Order:	0611315	**Collection Date:**	11/15/2006 8:42:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611315-07	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep. SW7471A / 11/28/06		Analyst. JCJ
Mercury	48.5		2.0	18.6	µg/Kg-dry	1	11/28/2006
ICP METALS			Method SW6020		Prep SW3050A / 11/21/06		Analyst. ALR
Antimony	0.188	J	0.18	0.625	mg/Kg-dry	1	11/28/2006
Arsenic	4.77		0.16	0.625	mg/Kg-dry	1	11/28/2006
Barium	312		4.4	31.3	mg/Kg-dry	50	11/29/2006
Beryllium	0.953		0.038	0.625	mg/Kg-dry	1	11/28/2006
Cadmium	0.529	J	0.038	0.625	mg/Kg-dry	1	11/28/2006
Chromium	34.2		0.088	0.625	mg/Kg-dry	1	11/28/2006
Copper	41.6		0.050	0.625	mg/Kg-dry	1	11/28/2006
Lead	142		5.6	31.3	mg/Kg-dry	50	11/29/2006
Nickel	22.7		0.10	0.625	mg/Kg-dry	1	11/28/2006
Selenium	1.01		0.24	0.625	mg/Kg-dry	1	11/28/2006
Silver	0.0921	J	0.025	0.625	mg/Kg-dry	1	11/28/2006
Thallium	0.291	J	0.063	0.625	mg/Kg-dry	1	11/28/2006
Zinc	130		6.3	31.3	mg/Kg-dry	50	11/29/2006
PERCENT MOISTURE			Method E160.3				Analyst PV
Percent Moisture	28.6		0.010	0.0100	wt%	1	11/21/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB46-06
Work Order:	0611315	**Collection Date:**	11/15/2006 8:44:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611315-09	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep: SW7471A / 11/28/06		Analyst: JCJ
Mercury	91.2		1.5	14.7	µg/Kg-dry	1	11/28/2006
ICP METALS			Method SW6020		Prep: SW3050A / 11/21/06		Analyst: ALR
Antimony	5.93		0.14	0.509	mg/Kg-dry	1	11/28/2006
Arsenic	2.88		0.13	0.509	mg/Kg-dry	1	11/28/2006
Barium	766		7.1	50.9	mg/Kg-dry	100	11/29/2006
Beryllium	0.626		0.031	0.509	mg/Kg-dry	1	11/28/2006
Cadmium	4.18		0.031	0.509	mg/Kg-dry	1	11/28/2006
Chromium	512		7.1	50.9	mg/Kg-dry	100	11/29/2006
Copper	62.3		0.041	0.509	mg/Kg-dry	1	11/28/2006
Lead	2,330		9.2	50.9	mg/Kg-dry	100	11/29/2006
Nickel	16.0		0.081	0.509	mg/Kg-dry	1	11/28/2006
Selenium	1.06		0.19	0.509	mg/Kg-dry	1	11/28/2006
Silver	0.104	J	0.020	0.509	mg/Kg-dry	1	11/28/2006
Thallium	0.173	J	0.051	0.509	mg/Kg-dry	1	11/28/2006
Zinc	1,220		10	50.9	mg/Kg-dry	100	11/29/2006
PERCENT MOISTURE			Method E160.3				Analyst: PV
Percent Moisture	11.6		0.010	0.0100	wt%	1	11/21/2006

Qualifiers	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB47-06
Work Order:	0611315	**Collection Date:**	11/15/2006 8:46:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611315-11	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep: SW7471A / 11/28/06		Analyst JCJ
Mercury	24.8		1.7	16.9	µg/Kg-dry	1	11/28/2006
ICP METALS			Method SW6020		Prep: SW3050A / 11/21/06		Analyst ALR
Antimony	U		0.15	0.533	mg/Kg-dry	1	11/28/2006
Arsenic	3.89		0.14	0.533	mg/Kg-dry	1	11/28/2006
Barium	166		0.75	5.33	mg/Kg-dry	10	11/29/2006
Beryllium	0.749		0.032	0.533	mg/Kg-dry	1	11/28/2006
Cadmium	0.199	J	0.032	0.533	mg/Kg-dry	1	11/28/2006
Chromium	27.0		0.75	5.33	mg/Kg-dry	10	11/29/2006
Copper	14.0		0.043	0.533	mg/Kg-dry	1	11/28/2006
Lead	78.1		0.96	5.33	mg/Kg-dry	10	11/29/2006
Nickel	10.3		0.085	0.533	mg/Kg-dry	1	11/28/2006
Selenium	0.827		0.20	0.533	mg/Kg-dry	1	11/28/2006
Silver	0.0713	J	0.021	0.533	mg/Kg-dry	1	11/28/2006
Thallium	0.191	J	0.053	0.533	mg/Kg-dry	1	11/28/2006
Zinc	32.2		1.1	5.33	mg/Kg-dry	10	11/29/2006
PERCENT MOISTURE			Method E160.3				Analyst PV
Percent Moisture	17.7		0.010	0.0100	wt%	1	11/21/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB48-06
Work Order:	0611315	**Collection Date:**	11/15/2006 8:50:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611315-13	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/28/06		Analyst JCJ
Mercury	34.8		1.6	15.6	µg/Kg-dry	1	11/28/2006
ICP METALS			Method SW6020		Prep SW3050A / 11/21/06		Analyst ALR
Antimony	0.536	J	0.15	0.552	mg/Kg-dry	1	11/28/2006
Arsenic	2.78		0.14	0.552	mg/Kg-dry	1	11/28/2006
Barium	236		1.5	11.0	mg/Kg-dry	20	11/29/2006
Beryllium	0.863		0.033	0.552	mg/Kg-dry	1	11/28/2006
Cadmium	0.316	J	0.033	0.552	mg/Kg-dry	1	11/28/2006
Chromium	45.5		1.5	11.0	mg/Kg-dry	20	11/29/2006
Copper	12.9		0.044	0.552	mg/Kg-dry	1	11/28/2006
Lead	149		2.0	11.0	mg/Kg-dry	20	11/29/2006
Nickel	11.3		0.088	0.552	mg/Kg-dry	1	11/28/2006
Selenium	0.797		0.21	0.552	mg/Kg-dry	1	11/28/2006
Silver	0.0763	J	0.022	0.552	mg/Kg-dry	1	11/28/2006
Thallium	0.211	J	0.055	0.552	mg/Kg-dry	1	11/28/2006
Zinc	116		2.2	11.0	mg/Kg-dry	20	11/29/2006
PERCENT MOISTURE			Method E160.3				Analyst PV
Percent Moisture	17.6		0.010	0.0100	wt%	1	11/21/2006

Qualifiers:

- U - Analyzed for but Not Detected
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB49-06
Work Order:	0611315	**Collection Date:**	11/15/2006 8:54:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611315-15	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/28/06		Analyst: JCJ
Mercury	13.0	J	1.9	18.0	µg/Kg-dry	1	11/28/2006
ICP METALS			Method SW6020		Prep: SW3050A / 11/21/06		Analyst: ALR
Antimony	U		0.17	0.594	mg/Kg-dry	1	11/28/2006
Arsenic	3.81		0.16	0.594	mg/Kg-dry	1	11/28/2006
Barium	236		0.83	5.94	mg/Kg-dry	10	11/29/2006
Beryllium	0.843		0.036	0.594	mg/Kg-dry	1	11/28/2006
Cadmium	0.210	J	0.036	0.594	mg/Kg-dry	1	11/28/2006
Chromium	14.5		0.083	0.594	mg/Kg-dry	1	11/28/2006
Copper	9.08		0.047	0.594	mg/Kg-dry	1	11/28/2006
Lead	29.8		1.1	5.94	mg/Kg-dry	10	11/29/2006
Nickel	13.7		0.095	0.594	mg/Kg-dry	1	11/28/2006
Selenium	0.940		0.23	0.594	mg/Kg-dry	1	11/28/2006
Silver	0.0794	J	0.024	0.594	mg/Kg-dry	1	11/28/2006
Thallium	0.234	J	0.059	0.594	mg/Kg-dry	1	11/28/2006
Zinc	36.9		1.2	5.94	mg/Kg-dry	10	11/29/2006
PERCENT MOISTURE			Method E160.3				Analyst: PV
Percent Moisture	26.8		0.010	0.0100	wt%	1	11/21/2006

Qualifiers:

- U - Analyzed for but Not Detected
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB50-06
Work Order:	0611315	**Collection Date:**	11/15/2006 8:58:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611315-17	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep SW7471A / 11/28/06		Analyst: JCJ
Mercury	93.7		1.6	14.8	µg/Kg-dry	1	11/28/2006
ICP METALS		Method: SW6020			Prep. SW3050A / 11/21/06		Analyst. ALR
Antimony	4.25		0.16	0.528	mg/Kg-dry	1	11/28/2006
Arsenic	2.98		0.14	0.528	mg/Kg-dry	1	11/28/2006
Barium	961		7.4	52.8	mg/Kg-dry	100	11/29/2006
Beryllium	0.598		0.032	0.528	mg/Kg-dry	1	11/28/2006
Cadmium	1.06		0.032	0.528	mg/Kg-dry	1	11/28/2006
Chromium	600		7.4	52.8	mg/Kg-dry	100	11/29/2006
Copper	130		0.042	0.528	mg/Kg-dry	1	11/28/2006
Lead	1,910		9.5	52.8	mg/Kg-dry	100	11/29/2006
Nickel	20.5		0.085	0.528	mg/Kg-dry	1	11/28/2006
Selenium	0.740		0.20	0.528	mg/Kg-dry	1	11/28/2006
Silver	0.277	J	0.021	0.528	mg/Kg-dry	1	11/28/2006
Thallium	0.178	J	0.053	0.528	mg/Kg-dry	1	11/28/2006
Zinc	1,430		11	52.8	mg/Kg-dry	100	11/29/2006
PERCENT MOISTURE		Method E160.3					Analyst PV
Percent Moisture	11.6		0.010	0.0100	wt%	1	11/21/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc. **Date:** *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB51-06
Work Order:	0611315	**Collection Date:**	11/15/2006 9:01:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611315-19	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/28/06		Analyst JCJ
Mercury	8.42	J	1.7	16.5	µg/Kg-dry	1	11/28/2006
ICP METALS			Method SW6020		Prep SW3050A / 11/21/06		Analyst ALR
Antimony	U		0.16	0.560	mg/Kg-dry	1	11/28/2006
Arsenic	4.02		0.15	0.560	mg/Kg-dry	1	11/28/2006
Barium	361		0.78	5.60	mg/Kg-dry	10	11/29/2006
Beryllium	0.898		0.034	0.560	mg/Kg-dry	1	11/28/2006
Cadmium	0.272	J	0.034	0.560	mg/Kg-dry	1	11/28/2006
Chromium	15.7		0.078	0.560	mg/Kg-dry	1	11/28/2006
Copper	9.80		0.045	0.560	mg/Kg-dry	1	11/28/2006
Lead	46.7		1.0	5.60	mg/Kg-dry	10	11/29/2006
Nickel	20.5		0.090	0.560	mg/Kg-dry	1	11/28/2006
Selenium	0.937		0.21	0.560	mg/Kg-dry	1	11/28/2006
Silver	0.0716	J	0.022	0.560	mg/Kg-dry	1	11/28/2006
Thallium	0.243	J	0.056	0.560	mg/Kg-dry	1	11/28/2006
Zinc	46.6		1.1	5.60	mg/Kg-dry	10	11/29/2006
PERCENT MOISTURE			Method E160.3				Analyst PV
Percent Moisture	19.5		0.010	0.0100	wt%	1	11/21/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB52-06
Work Order:	0611315	**Collection Date:**	11/15/2006 9:15:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611315-21	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep SW7471A / 11/28/06		Analyst: JCJ
Mercury	23.8		1.6	15.4	µg/Kg-dry	1	11/28/2006
ICP METALS			Method: SW6020		Prep. SW3050A / 11/21/06		Analyst ALR
Antimony	1.43		0.16	0.572	mg/Kg-dry	1	11/28/2006
Arsenic	3.78		0.15	0.572	mg/Kg-dry	1	11/28/2006
Barium	366		8.0	57.2	mg/Kg-dry	100	11/29/2006
Beryllium	0.796		0.034	0.572	mg/Kg-dry	1	11/28/2006
Cadmium	0.683		0.034	0.572	mg/Kg-dry	1	11/28/2006
Chromium	174		0.080	0.572	mg/Kg-dry	1	11/28/2006
Copper	39.1		0.046	0.572	mg/Kg-dry	1	11/28/2006
Lead	572		10	57.2	mg/Kg-dry	100	11/29/2006
Nickel	17.6		0.092	0.572	mg/Kg-dry	1	11/28/2006
Selenium	0.780		0.22	0.572	mg/Kg-dry	1	11/28/2006
Silver	0.0862	J	0.023	0.572	mg/Kg-dry	1	11/28/2006
Thallium	0.196	J	0.057	0.572	mg/Kg-dry	1	11/28/2006
Zinc	460		11	57.2	mg/Kg-dry	100	11/29/2006
PERCENT MOISTURE			Method E160.3				Analyst. PV
Percent Moisture	15.2		0.010	0.0100	wt%	1	11/21/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB53-06
Work Order:	0611315	**Collection Date:**	11/15/2006 9:20:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611315-23	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/28/06		Analyst JCJ
Mercury	16.4		1.7	16.9	µg/Kg-dry	1	11/28/2006
ICP METALS			Method SW6020		Prep SW3050A / 11/21/06		Analyst: ALR
Antimony	0.174	J	0.16	0.557	mg/Kg-dry	1	11/28/2006
Arsenic	4.20		0.14	0.557	mg/Kg-dry	1	11/28/2006
Barium	208		0.78	5.57	mg/Kg-dry	10	11/29/2006
Beryllium	0.844		0.033	0.557	mg/Kg-dry	1	11/28/2006
Cadmium	0.315	J	0.033	0.557	mg/Kg-dry	1	11/28/2006
Chromium	18.4		0.078	0.557	mg/Kg-dry	1	11/28/2006
Copper	38.1		0.45	5.57	mg/Kg-dry	10	11/29/2006
Lead	68.6		1.0	5.57	mg/Kg-dry	10	11/29/2006
Nickel	11.6		0.089	0.557	mg/Kg-dry	1	11/28/2006
Selenium	0.783		0.21	0.557	mg/Kg-dry	1	11/28/2006
Silver	0.0791	J	0.022	0.557	mg/Kg-dry	1	11/28/2006
Thallium	0.202	J	0.056	0.557	mg/Kg-dry	1	11/28/2006
Zinc	111		1.1	5.57	mg/Kg-dry	10	11/29/2006
PERCENT MOISTURE			Method E160.3				Analyst: PV
Percent Moisture	18.4		0.010	0.0100	wt%	1	11/21/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB54-06
Work Order:	0611315	**Collection Date:**	11/15/2006 9:25.00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611315-25	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep: SW7471A / 11/28/06		Analyst: JCJ
Mercury	15.9	J	1.7	16.1	µg/Kg-dry	1	11/28/2006
ICP METALS			Method: SW6020		Prep SW3050A / 11/21/06		Analyst: ALR
Antimony	0.234	J	0.17	0.598	mg/Kg-dry	1	11/28/2006
Arsenic	3.28		0.16	0.598	mg/Kg-dry	1	11/28/2006
Barium	213		0.84	5.98	mg/Kg-dry	10	11/29/2006
Beryllium	0.976		0.036	0.598	mg/Kg-dry	1	11/28/2006
Cadmium	0.247	J	0.036	0.598	mg/Kg-dry	1	11/28/2006
Chromium	25.0		0.84	5.98	mg/Kg-dry	10	11/29/2006
Copper	12.9		0.048	0.598	mg/Kg-dry	1	11/28/2006
Lead	66.5		1.1	5.98	mg/Kg-dry	10	11/29/2006
Nickel	12.2		0.096	0.598	mg/Kg-dry	1	11/28/2006
Selenium	0.824		0.23	0.598	mg/Kg-dry	1	11/28/2006
Silver	0.0809	J	0.024	0.598	mg/Kg-dry	1	11/28/2006
Thallium	0.222	J	0.060	0.598	mg/Kg-dry	1	11/28/2006
Zinc	115		1.2	5.98	mg/Kg-dry	10	11/29/2006
PERCENT MOISTURE			Method: E160.3				Analyst: PV
Percent Moisture	19.6		0.010	0.0100	wt%	1	11/21/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB55-06
Work Order:	0611315	**Collection Date:**	11/15/2006 9.30:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611315-27	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/28/06		Analyst: JCJ
Mercury	19.7		1.8	16.7	µg/Kg-dry	1	11/28/2006
ICP METALS			Method SW6020		Prep SW3050A / 11/21/06		Analyst: ALR
Antimony	0.710		0.16	0.556	mg/Kg-dry	1	11/28/2006
Arsenic	4.14		0.14	0.556	mg/Kg-dry	1	11/28/2006
Barium	236		3.9	27.8	mg/Kg-dry	50	11/29/2006
Beryllium	0.776		0.033	0.556	mg/Kg-dry	1	11/28/2006
Cadmium	0.408	J	0.033	0.556	mg/Kg-dry	1	11/28/2006
Chromium	71.8		0.078	0.556	mg/Kg-dry	1	11/28/2006
Copper	22.9		0.044	0.556	mg/Kg-dry	1	11/28/2006
Lead	250		5.0	27.8	mg/Kg-dry	50	11/29/2006
Nickel	16.8		0.089	0.556	mg/Kg-dry	1	11/28/2006
Selenium	1.00		0.21	0.556	mg/Kg-dry	1	11/28/2006
Silver	0.0591	J	0.022	0.556	mg/Kg-dry	1	11/28/2006
Thallium	0.251	J	0.056	0.556	mg/Kg-dry	1	11/28/2006
Zinc	154		5.6	27.8	mg/Kg-dry	50	11/29/2006
PERCENT MOISTURE			Method E160.3				Analyst: PV
Percent Moisture	20.4		0.010	0.0100	wt%	1	11/21/2006

Qualifiers:

- U - Analyzed for but Not Detected
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB56-06
Work Order:	0611315	**Collection Date:**	11/15/2006 9:34:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611315-29	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep: SW7471A / 11/28/06		Analyst: JCJ
Mercury	59.6		1.7	16.9	µg/Kg-dry	1	11/28/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/21/06		Analyst: ALR
Antimony	1.23		0.16	0.561	mg/Kg-dry	1	11/28/2006
Arsenic	4.17		0.15	0.561	mg/Kg-dry	1	11/28/2006
Barium	365		3.9	28.0	mg/Kg-dry	50	11/29/2006
Beryllium	0.836		0.034	0.561	mg/Kg-dry	1	11/28/2006
Cadmium	0.870		0.034	0.561	mg/Kg-dry	1	11/28/2006
Chromium	136		3.9	28.0	mg/Kg-dry	50	11/29/2006
Copper	34.2		0.045	0.561	mg/Kg-dry	1	11/28/2006
Lead	479		5.0	28.0	mg/Kg-dry	50	11/29/2006
Nickel	21.1		0.090	0.561	mg/Kg-dry	1	11/28/2006
Selenium	1.10		0.21	0.561	mg/Kg-dry	1	11/28/2006
Silver	0.0688	J	0.022	0.561	mg/Kg-dry	1	11/28/2006
Thallium	0.215	J	0.056	0.561	mg/Kg-dry	1	11/28/2006
Zinc	384		5.6	28.0	mg/Kg-dry	50	11/29/2006
PERCENT MOISTURE			Method E160.3				Analyst: PV
Percent Moisture	18.2		0.010	0.0100	wt%	1	11/21/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB57-06
Work Order:	0611315	**Collection Date:**	11/15/2006 9.36:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611315-31	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/28/06		Analyst: JCJ
Mercury	12.3	J	1.8	16.9	µg/Kg-dry	1	11/28/2006
ICP METALS			Method SW6020		Prep SW3050A / 11/21/06		Analyst ALR
Antimony	0.301	J	0.16	0.580	mg/Kg-dry	1	11/28/2006
Arsenic	4.63		0.16	0.580	mg/Kg-dry	1	11/28/2006
Barium	216		0.81	5.80	mg/Kg-dry	10	11/29/2006
Beryllium	0.855		0.035	0.580	mg/Kg-dry	1	11/28/2006
Cadmium	0.456	J	0.035	0.580	mg/Kg-dry	1	11/28/2006
Chromium	39.4		0.81	5.80	mg/Kg-dry	10	11/29/2006
Copper	184		0.46	5.80	mg/Kg-dry	10	11/29/2006
Lead	126		1.0	5.80	mg/Kg-dry	10	11/29/2006
Nickel	13.9		0.093	0.580	mg/Kg-dry	1	11/28/2006
Selenium	1.01		0.22	0.580	mg/Kg-dry	1	11/28/2006
Silver	0.0679	J	0.023	0.580	mg/Kg-dry	1	11/28/2006
Thallium	0.208	J	0.058	0.580	mg/Kg-dry	1	11/28/2006
Zinc	131		1.2	5.80	mg/Kg-dry	10	11/29/2006
PERCENT MOISTURE			Method E160.3				Analyst PV
Percent Moisture	21.7		0.010	0.0100	wt%	1	11/21/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc. **Date:** *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB58-06
Work Order:	0611315	**Collection Date:**	11/15/2006 9:42:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611315-33	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep SW7471A / 11/28/06		Analyst: JCJ
Mercury	306		1.7	16.0	µg/Kg-dry	1	11/28/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/21/06		Analyst: ALR
Antimony	4.62		0.15	0.532	mg/Kg-dry	1	11/28/2006
Arsenic	3.79		0.14	0.532	mg/Kg-dry	1	11/28/2006
Barium	693		7.5	53.2	mg/Kg-dry	100	11/29/2006
Beryllium	0.712		0.032	0.532	mg/Kg-dry	1	11/28/2006
Cadmium	2.40		0.032	0.532	mg/Kg-dry	1	11/28/2006
Chromium	403		7.5	53.2	mg/Kg-dry	100	11/29/2006
Copper	66.9		0.043	0.532	mg/Kg-dry	1	11/28/2006
Lead	1,490		9.6	53.2	mg/Kg-dry	100	11/29/2006
Nickel	33.1		0.085	0.532	mg/Kg-dry	1	11/28/2006
Selenium	0.870		0.20	0.532	mg/Kg-dry	1	11/28/2006
Silver	0.0774	J	0.021	0.532	mg/Kg-dry	1	11/28/2006
Thallium	0.173	J	0.053	0.532	mg/Kg-dry	1	11/28/2006
Zinc	988		11	53.2	mg/Kg-dry	100	11/29/2006
PERCENT MOISTURE			Method: E160.3				Analyst: PV
Percent Moisture	18.3		0.010	0.0100	wt%	1	11/21/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB58-06 DS-9
Work Order:	0611315	**Collection Date:**	11/15/2006 9:42:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611315-35	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep. SW7471A / 11/28/06		Analyst JCJ
Mercury	23.3		1.8	16.8	µg/Kg-dry	1	11/28/2006
ICP METALS		Method: SW6020			Prep SW3050A / 11/21/06		Analyst ALR
Antimony	0.298	J	0.16	0.581	mg/Kg-dry	1	11/28/2006
Arsenic	4.20		0.15	0.581	mg/Kg-dry	1	11/28/2006
Barium	261		0.81	5.81	mg/Kg-dry	10	11/29/2006
Beryllium	0.952		0.035	0.581	mg/Kg-dry	1	11/28/2006
Cadmium	0.459	J	0.035	0.581	mg/Kg-dry	1	11/28/2006
Chromium	32.2		0.81	5.81	mg/Kg-dry	10	11/29/2006
Copper	19.2		0.046	0.581	mg/Kg-dry	1	11/28/2006
Lead	85.8		1.0	5.81	mg/Kg-dry	10	11/29/2006
Nickel	14.5		0.093	0.581	mg/Kg-dry	1	11/28/2006
Selenium	1.00		0.22	0.581	mg/Kg-dry	1	11/28/2006
Silver	0.0663	J	0.023	0.581	mg/Kg-dry	1	11/28/2006
Thallium	0.197	J	0.058	0.581	mg/Kg-dry	1	11/28/2006
Zinc	145		1.2	5.81	mg/Kg-dry	10	11/29/2006
PERCENT MOISTURE		Method: E160.3					Analyst PV
Percent Moisture	21.7		0.010	0.0100	wt%	1	11/21/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB59-06
Work Order:	0611315	**Collection Date:**	11/15/2006 9:49:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611315-37	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep: SW7471A / 11/28/06		Analyst: JCJ
Mercury	22.0		1.7	16.6	µg/Kg-dry	1	11/28/2006
ICP METALS		Method: SW6020			Prep: SW3050A / 11/22/06		Analyst: SA
Antimony	0.631		0.15	0.550	mg/Kg-dry	1	11/23/2006
Arsenic	6.30		0.14	0.550	mg/Kg-dry	1	11/23/2006
Barium	253		1.5	11.0	mg/Kg-dry	20	11/28/2006
Beryllium	0.628		0.033	0.550	mg/Kg-dry	1	11/23/2006
Cadmium	0.993		0.033	0.550	mg/Kg-dry	1	11/23/2006
Chromium	82.9		0.077	0.550	mg/Kg-dry	1	11/23/2006
Copper	46.7		0.044	0.550	mg/Kg-dry	1	11/23/2006
Lead	353		2.0	11.0	mg/Kg-dry	20	11/28/2006
Nickel	19.8		0.088	0.550	mg/Kg-dry	1	11/23/2006
Selenium	1.56		0.21	0.550	mg/Kg-dry	1	11/23/2006
Silver	U		0.022	0.550	mg/Kg-dry	1	11/23/2006
Thallium	0.139	J	0.055	0.550	mg/Kg-dry	1	11/23/2006
Zinc	209		2.2	11.0	mg/Kg-dry	20	11/28/2006
PERCENT MOISTURE		Method: E160.3					Analyst: PV
Percent Moisture	21.0		0.010	0.0100	wt%	1	11/21/2006

Qualifiers:

- U - Analyzed for but Not Detected
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc. **Date:** *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB60-06
Work Order:	0611315	**Collection Date:**	11/15/2006 9:59:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611315-39	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method	SW7471A		Prep: SW7471A / 11/28/06		Analyst: JCJ
Mercury	123		1.7	15.9	µg/Kg-dry	1	11/28/2006
ICP METALS		Method	SW6020		Prep: SW3050A / 11/21/06		Analyst: ALR
Antimony	4.11		0.16	0.585	mg/Kg-dry	1	11/28/2006
Arsenic	2.98		0.15	0.585	mg/Kg-dry	1	11/28/2006
Barium	603		8.2	58.5	mg/Kg-dry	100	11/29/2006
Beryllium	0.793		0.035	0.585	mg/Kg-dry	1	11/28/2006
Cadmium	1.42		0.035	0.585	mg/Kg-dry	1	11/28/2006
Chromium	452		8.2	58.5	mg/Kg-dry	100	11/29/2006
Copper	80.7		0.047	0.585	mg/Kg-dry	1	11/28/2006
Lead	1,500		11	58.5	mg/Kg-dry	100	11/29/2006
Nickel	20.5		0.094	0.585	mg/Kg-dry	1	11/28/2006
Selenium	0.888		0.22	0.585	mg/Kg-dry	1	11/28/2006
Silver	0.0948	J	0.023	0.585	mg/Kg-dry	1	11/28/2006
Thallium	0.181	J	0.058	0.585	mg/Kg-dry	1	11/28/2006
Zinc	1,060		12	58.5	mg/Kg-dry	100	11/29/2006
PERCENT MOISTURE		Method	E160.3				Analyst: PV
Percent Moisture	18.6		0.010	0.0100	wt%	1	11/21/2006

Qualifiers.

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc. **Date:** *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB61-06
Work Order:	0611315	**Collection Date:**	11/15/2006 10:02:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611315-41	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/28/06		Analyst: JCJ
Mercury	14.6	J	1.7	16.6	µg/Kg-dry	1	11/28/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/22/06		Analyst: SA
Antimony	0.289	J	0.18	0.631	mg/Kg-dry	1	11/23/2006
Arsenic	6.52		0.16	0.631	mg/Kg-dry	1	11/23/2006
Barium	228		0.088	0.631	mg/Kg-dry	1	11/23/2006
Beryllium	0.746		0.038	0.631	mg/Kg-dry	1	11/23/2006
Cadmium	0.424	J	0.038	0.631	mg/Kg-dry	1	11/23/2006
Chromium	32.3		0.088	0.631	mg/Kg-dry	1	11/23/2006
Copper	26.0		0.050	0.631	mg/Kg-dry	1	11/23/2006
Lead	120		0.11	0.631	mg/Kg-dry	1	11/23/2006
Nickel	19.8		0.10	0.631	mg/Kg-dry	1	11/23/2006
Selenium	1.52		0.24	0.631	mg/Kg-dry	1	11/23/2006
Silver	U		0.025	0.631	mg/Kg-dry	1	11/23/2006
Thallium	0.163	J	0.063	0.631	mg/Kg-dry	1	11/23/2006
Zinc	190		0.13	0.631	mg/Kg-dry	1	11/23/2006
PERCENT MOISTURE			Method: E160.3				Analyst: PV
Percent Moisture	22.3		0.010	0.0100	wt%	1	11/20/2006

Qualifiers:

- U - Analyzed for but Not Detected
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

QC Batch Summary Report

Golder Associates, Inc.
CRI - Superfund
Work Order 0611315

Lab Order: 0611315
Client: Golder Associates, Inc
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611315-01A	SB42-06	11/15/2006 8 34 00 AM	Soil	ICP Metals		11/21/2006	20897	11/29/2006
				ICP Metals		11/21/2006	20897	11/28/2006
				Mercury, Total		11/28/2006	20945	11/28/2006
				Percent Moisture			R44137	11/21/2006
0611315-03A	SB43-06	11/15/2006 8 36 00 AM		ICP Metals		11/21/2006	20897	11/28/2006
				ICP Metals		11/21/2006	20897	11/29/2006
				Mercury, Total		11/28/2006	20945	11/28/2006
				Percent Moisture			R44137	11/21/2006
0611315-05A	SB46-06	11/15/2006 8 38 00 AM		ICP Metals		11/21/2006	20897	11/28/2006
				ICP Metals		11/21/2006	20897	11/29/2006
				Mercury, Total		11/28/2006	20945	11/28/2006
				Percent Moisture			R44137	11/21/2006
0611315-07A	SB45-06	11/15/2006 8 42 00 AM		ICP Metals		11/21/2006	20897	11/28/2006
				ICP Metals		11/21/2006	20897	11/29/2006
				Mercury, Total		11/28/2006	20945	11/28/2006
				Percent Moisture			R44137	11/21/2006
0611315-09A	SB46-06	11/15/2006 8 44 00 AM		ICP Metals		11/21/2006	20897	11/28/2006
				ICP Metals		11/21/2006	20897	11/29/2006
				Mercury, Total		11/28/2006	20945	11/28/2006
				Percent Moisture			R44137	11/21/2006
0611315-11A	SB47-06	11/15/2006 8 46 00 AM		ICP Metals		11/21/2006	20897	11/28/2006
				ICP Metals		11/21/2006	20897	11/29/2006
				Mercury, Total		11/28/2006	20945	11/28/2006
				Percent Moisture			R44137	11/21/2006
0611315-13A	SB48-06	11/15/2006 8 50 00 AM		ICP Metals		11/21/2006	20897	11/29/2006
				ICP Metals		11/21/2006	20897	11/28/2006
				Mercury, Total		11/28/2006	20945	11/28/2006

Lab Order: 0611315
Client: Golder Associates, Inc
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611315-13A	SB48-06	11/15/2006 8 50 00 AM	Soil	Percent Moisture			R44137	11/21/2006
0611315-15A	SB49-06	11/15/2006 8 54 00 AM		ICP Metals		11/21/2006	20897	11/28/2006
				ICP Metals		11/21/2006	20897	11/29/2006
				Mercury, Total		11/28/2006	20945	11/28/2006
				Percent Moisture			R44137	11/21/2006
0611315-17A	SB50-06	11/15/2006 8 58 00 AM		ICP Metals		11/21/2006	20897	11/29/2006
				ICP Metals		11/21/2006	20897	11/28/2006
				Mercury, Total		11/28/2006	20945	11/28/2006
				Percent Moisture			R44137	11/21/2006
0611315-19A	SB51-06	11/15/2006 9 01 00 AM		ICP Metals		11/21/2006	20897	11/28/2006
				ICP Metals		11/21/2006	20897	11/29/2006
				Mercury, Total		11/28/2006	20945	11/28/2006
				Percent Moisture			R44137	11/21/2006
0611315-21A	SB52-06	11/15/2006 9 15 00 AM		ICP Metals		11/21/2006	20897	11/29/2006
				ICP Metals		11/21/2006	20897	11/28/2006
				Mercury, Total		11/28/2006	20945	11/28/2006
				Percent Moisture			R44137	11/21/2006
0611315-23A	SB53-06	11/15/2006 9 20 00 AM		ICP Metals		11/21/2006	20897	11/28/2006
				ICP Metals		11/21/2006	20897	11/29/2006
				Mercury, Total		11/28/2006	20945	11/28/2006
				Percent Moisture			R44137	11/21/2006
0611315-25A	SB54-06	11/15/2006 9 25 00 AM		ICP Metals		11/21/2006	20897	11/29/2006
				ICP Metals		11/21/2006	20897	11/28/2006
				Mercury, Total		11/28/2006	20945	11/28/2006
				Percent Moisture			R44137	11/21/2006
0611315-27A	SB55-06	11/15/2006 9 30 00 AM		ICP Metals		11/21/2006	20897	11/28/2006
				ICP Metals		11/21/2006	20897	11/29/2006

Lab Order: 0611315
Client: Golder Associates, Inc
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611315-27A	SB55-06	11/15/2006 9 30 00 AM	Soil	Mercury, Total		11/28/2006	20945	11/28/2006
				Percent Moisture			R44137	11/21/2006
0611315-29A	SB56-06	11/15/2006 9 34 00 AM		ICP Metals		11/21/2006	20897	11/29/2006
				ICP Metals		11/21/2006	20897	11/28/2006
				Mercury, Total		11/28/2006	20945	11/28/2006
				Percent Moisture			R44137	11/21/2006
0611315-31A	SB57-06	11/15/2006 9 36 00 AM		ICP Metals		11/21/2006	20897	11/28/2006
				ICP Metals		11/21/2006	20897	11/29/2006
				Mercury, Total		11/28/2006	20945	11/28/2006
				Percent Moisture			R44137	11/21/2006
0611315-33A	SB58-06	11/15/2006 9 42 00 AM		ICP Metals		11/21/2006	20897	11/29/2006
				ICP Metals		11/21/2006	20897	11/28/2006
				Mercury, Total		11/28/2006	20945	11/28/2006
				Percent Moisture			R44137	11/21/2006
0611315-35A	SB58-06 DS-9			ICP Metals		11/21/2006	20897	11/28/2006
				ICP Metals		11/21/2006	20897	11/29/2006
				Mercury, Total		11/28/2006	20945	11/28/2006
				Percent Moisture			R44137	11/21/2006
0611315-37A	SB59-06	11/15/2006 9 49 00 AM		ICP Metals		11/22/2006	20921	11/27/2006
				ICP Metals		11/22/2006	20921	11/23/2006
				ICP Metals		11/22/2006	20921	11/28/2006
				Mercury, Total		11/28/2006	20945	11/28/2006
				Percent Moisture			R44137	11/21/2006
0611315-39A	SB60-06	11/15/2006 9 59 00 AM		ICP Metals		11/21/2006	20897	11/28/2006
				ICP Metals		11/21/2006	20897	11/29/2006
				Mercury, Total		11/28/2006	20945	11/28/2006
				Percent Moisture			R44137	11/21/2006

Lab Order: 0611315
Client: Golder Associates, Inc
Project: CRI-Superfund Wiley. Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611315-41A	SB61-06	11/15/2006 10 02 00 AM	Soil	ICP Metals		11/22/2006	20921	11/23/2006
				Mercury, Total		11/28/2006	20946	11/28/2006
				Percent Moisture			R44085	11/20/2006

e-Lab Analytical, Inc.

CLIENT: Golder Associates, Inc
Work Order: 0611315
Project: CRI-Superfund Wiley, Texas

Date: *Dec 01 2006*

QC BATCH REPORT

Batch ID **20897** Instrument ID **ICPMS02** Method: **SW6020**

MBLK Sample ID **MBLKS2-112106** Units: **mg/Kg** Analysis Date: **11/28/06 2:48**
Client ID Run ID: **ICPMS02_061127A** SeqNo **1003775** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.50								
Arsenic	0.1611	0.50								J
Beryllium	0.07355	0.50								J
Cadmium	0.0532	0.50								J
Nickel	U	0.50								
Selenium	U	0.50								
Silver	0.02596	0.50								J
Thallium	0.08929	0.50								J

MBLK Sample ID **MBLKS2-112106** Units: **mg/Kg** Analysis Date: **11/28/06 23:44**
Client ID Run ID **ICPMS02_061128A** SeqNo **1004246** Prep Date **11/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	U	0.50								
Chromium	U	0.50								
Copper	U	0.50								
Lead	U	0.50								
Zinc	0.2821	0.50								J

LCS Sample ID **MLCSS2-112106** Units: **mg/Kg** Analysis Date: **11/28/06 2:54**
Client ID Run ID **ICPMS02_061127A** SeqNo **1003776** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	9.145	0.50	10	0	91.4	80-120	0			
Arsenic	9.366	0.50	10	0	93.7	80-120	0			
Beryllium	9.334	0.50	10	0	93.3	80-120	0			
Cadmium	9.653	0.50	10	0	96.5	80-120	0			
Nickel	10.05	0.50	10	0	100	80-120	0			
Selenium	8.845	0.50	10	0	88.4	80-120	0			
Silver	9.725	0.50	10	0	97.2	80-120	0			
Thallium	9.166	0.50	10	0	91.7	80-120	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611315
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20897** Instrument ID **ICPMS02** Method: **SW6020**

LCS Sample ID **MLCSS2-112106** Units **mg/Kg** Analysis Date: **11/28/06 23:50**
Client ID Run ID **ICPMS02_061128A** SeqNo **1004247** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	9.855	0.50	10	0	98.6	80-120	0			
Chromium	9 917	0.50	10	0	99.2	80-120	0			
Copper	9 847	0.50	10	0	98.5	80-120	0			
Lead	10.19	0.50	10	0	102	80-120	0			
Zinc	10 11	0.50	10	0	101	80-120	0			

MS Sample ID **0611287-27AMS** Units **mg/Kg** Analysis Date **11/28/06 3:17**
Client ID Run ID **ICPMS02_061127A** SeqNo **1003780** Prep Date: **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	3 198	0 45	9.009	0.3548	31.6	75-125	0			S
Arsenic	8 989	0 45	9.009	2.579	71.2	75-125	0			S
Barium	128.8	0 45	9 009	185.3	-627	75-125	0			SO
Beryllium	7.865	0.45	9.009	0 6955	79.6	75-125	0			
Cadmium	7.777	0.45	9.009	0.8192	77.2	75-125	0			
Chromium	21.01	0 45	9 009	77.83	-631	75-125	0			SO
Copper	19 77	0 45	9 009	28	-91.3	75-125	0			S
Lead	51 94	0.45	9.009	341.5	-3210	75-125	0			SO
Nickel	15 43	0.45	9.009	8 894	72 6	75-125	0			S
Selenium	6.838	0 45	9.009	0 7744	67 3	75-125	0			S
Silver	7.303	0.45	9.009	0 07513	80.2	75-125	0			
Thallium	7 18	0 45	9 009	0.217	77 3	75-125	0			
Zinc	45 12	0 45	9 009	100 4	-613	75-125	0			SO

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611315
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20897** Instrument ID **ICPMS02** Method **SW6020**

MSD Sample ID **0611287-27AMSD** Units **mg/Kg** Analysis Date: **11/28/06 3:23**

Client ID Run ID **ICPMS02_061127A** SeqNo. **1003781** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	2 591	0 45	9 009	0 3548	24 8	75-125	3 198	21	25	S
Arsenic	9 514	0 45	9.009	2.579	77	75-125	8.989	5 67	25	
Barium	197	0 45	9.009	185.3	130	75-125	128 8	41.9	25	SREO
Beryllium	7 994	0 45	9.009	0.6955	81	75-125	7 865	1 62	25	
Cadmium	8.204	0 45	9.009	0.8192	82	75-125	7.777	5 34	25	
Chromium	33 14	0.45	9.009	77.83	-496	75-125	21.01	44 8	25	SRO
Copper	22 26	0 45	9 009	28	-63.7	75-125	19 77	11 8	25	S
Lead	132.3	0 45	9.009	341 5	-2320	75-125	51.94	87.3	25	SRO
Nickel	18 3	0 45	9 009	8.894	104	75-125	15.43	17	25	
Selenium	7.186	0.45	9.009	0 7744	71 2	75-125	6.838	4 97	25	S
Silver	7 389	0 45	9 009	0 07513	81.2	75-125	7.303	1 18	25	
Thallium	7 077	0 45	9 009	0.217	76 2	75-125	7.18	1 44	25	
Zinc	69 35	0 45	9.009	100 4	-344	75-125	45.12	42 3	25	SRO

DUP Sample ID **0611287-27ADUP** Units: **mg/Kg** Analysis Date: **11/28/06 3:06**

Client ID Run ID. **ICPMS02_061127A** SeqNo **1003778** Prep Date. **11/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0 45	0	0	0	0-0	0 3548	0	25	
Arsenic	2.926	0 45	0	0	0	0-0	2.579	12 6	25	
Beryllium	0.7412	0.45	0	0	0	0-0	0 6955	6 36	25	
Cadmium	0.3377	0.45	0	0	0	0-0	0.8192	0	25	J
Chromium	14 8	0 45	0	0	0	0-0	77.83	136	25	R
Copper	11.16	0 45	0	0	0	0-0	28	86	25	R
Nickel	16 68	0 45	0	0	0	0-0	8 894	60.9	25	R
Selenium	0.7421	0 45	0	0	0	0-0	0 7744	4 27	25	
Silver	0.06839	0 45	0	0	0	0-0	0 07513	0	25	J
Thallium	0 1898	0 45	0	0	0	0-0	0.217	0	25	J
Zinc	34.62	0 45	0	0	0	0-0	100 4	97 4	25	R

DUP Sample ID **0611287-27ADUP** Units **mg/Kg** Analysis Date. **11/29/06 0:02**

Client ID Run ID. **ICPMS02_061128A** SeqNo **1004249** Prep Date **11/21/2006** DF **100**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	200.5	45	0	0	0	0-0	-0 01886	200	25	R
Lead	49 51	45	0	0	0	0-0	-0.01266	200	25	R

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611315
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20897** Instrument ID **ICPMS02** Method **SW6020**

PDS Sample ID **0611287-27ABS** Units. **mg/Kg** Analysis Date **11/28/06 3:29**
Client ID Run ID **ICPMS02_061127A** SeqNo **1003782** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	7 84	0 45	9 009	0 3548	80.9	75-125	0			
Arsenic	10.09	0 45	9 009	2.579	83 4	75-125	0			
Beryllium	7.239	0 45	9.009	0.6955	72.6	75-125	0			S
Cadmium	7.818	0 45	9 009	0 8192	77.7	75-125	0			
Chromium	84 41	0 45	9 009	77 83	73.1	75-125	0			SO
Copper	35 04	0.45	9.009	28	78 1	75-125	0			
Nickel	15 77	0 45	9.009	8 894	76 4	75-125	0			
Selenium	7 305	0 45	9.009	0 7744	72 5	75-125	0			S
Silver	7 316	0.45	9.009	0 07513	80 4	75-125	0			
Thallium	6 842	0.45	9.009	0.217	73 5	75-125	0			S
Zinc	106	0 45	9.009	100 4	63	75-125	0			SO

PDS Sample ID **0611287-27ABS** Units **mg/Kg** Analysis Date. **11/29/06 0:14**
Client ID Run ID **ICPMS02_061128A** SeqNo **1004251** Prep Date DF **100**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	1044	45	900 9	0	116	75-125	0			
Lead	1259	45	900 9	0	140	75-125	0			S

SD Sample ID **0611287-27A DIL** Units **mg/Kg** Analysis Date: **11/28/06 3:12**
Client ID Run ID **ICPMS02_061127A** SeqNo **1003779** Prep Date DF **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	2.2	0	0	0	0-0	0 3548	0	10	
Arsenic	2 851	2.2	0	0	0	0-0	2 579	10 5	10	R
Beryllium	1 022	2.2	0	0	0	0-0	0.6955	0	10	J
Cadmium	1.088	2 2	0	0	0	0-0	0 8192	0	10	J
Chromium	83 74	2.2	0	0	0	0-0	77 83	7 59	10	
Copper	30 43	2 2	0	0	0	0-0	28	8.67	10	
Nickel	9.541	2 2	0	0	0	0-0	8.894	7.27	10	
Selenium	1 165	2.2	0	0	0	0-0	0 7744	0	10	J
Silver	0 1804	2.2	0	0	0	0-0	0.07513	0	10	J
Thallium	0 4941	2.2	0	0	0	0-0	0.217	0	10	J
Zinc	111 1	2 2	0	0	0	0-0	100 4	10 7	10	R

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611315
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20897** Instrument ID **ICPMS02** Method **SW6020**

SD Sample ID **0611287-27A DIL** Units: **mg/Kg** Analysis Date: **11/29/06 0:08**

Client ID Run ID **ICPMS02_061128A** SeqNo **1004250** Prep Date: DF: **500**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	191.3	220	0	0	0	0-0	-0 01886	0	10	J
Lead	396.3	220	0	0	0	0-0	-0 01266	0	10	

The following samples were analyzed in this batch:

0611315-01A	0611315-03A	0611315-05A
0611315-07A	0611315-09A	0611315-11A
0611315-13A	0611315-15A	0611315-17A
0611315-19A	0611315-21A	0611315-23A
0611315-25A	0611315-27A	0611315-29A
0611315-31A	0611315-33A	0611315-35A
0611315-39A		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611315
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20921** Instrument ID **ICP7500** Method **SW6020**

MBLK Sample ID: **MBLKS-112206** Units **mg/Kg** Analysis Date **11/27/06 15:47**
Client ID Run ID **ICP7500_061127A** SeqNo **1003275** Prep Date: **11/22/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.1519	0.50								J
Arsenic	U	0.50								
Barium	U	0.50								
Beryllium	U	0.50								
Cadmium	U	0.50								
Chromium	U	0.50								
Copper	U	0.50								
Lead	U	0.50								
Nickel	U	0.50								
Selenium	U	0.50								
Silver	U	0.50								
Thallium	U	0.50								
Zinc	U	0.50								

LCS Sample ID **MLCSS-112206** Units **mg/Kg** Analysis Date **11/23/06 1:52**
Client ID Run ID **ICP7500_061122A** SeqNo **1002685** Prep Date: **11/22/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	9.934	0.50	10	0	99.3	80-120		0		
Arsenic	9.367	0.50	10	0	93.7	80-120		0		
Barium	9.931	0.50	10	0	99.3	80-120		0		
Beryllium	8.242	0.50	10	0	82.4	80-120		0		
Cadmium	9.316	0.50	10	0	93.2	80-120		0		
Chromium	10.8	0.50	10	0	108	80-120		0		
Copper	9.783	0.50	10	0	97.8	80-120		0		
Lead	10.2	0.50	10	0	102	80-120		0		
Nickel	10.12	0.50	10	0	101	80-120		0		
Selenium	8.133	0.50	10	0	81.3	80-120		0		
Silver	9.496	0.50	10	0	95	80-120		0		
Thallium	9.406	0.50	10	0	94.1	80-120		0		
Zinc	9.138	0.50	10	0	91.4	80-120		0		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611315
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: **20921** Instrument ID **ICP7500** Method: **SW6020**

MS Sample ID **0611315-37AMS** Units **mg/Kg** Analysis Date: **11/27/06 16:17**

Client ID **SB59-06** Run ID **ICP7500_061127A** SeqNo **1003280** Prep Date **11/22/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	2 047	0 44	8.696	0	23.5	75-125	0			S
Arsenic	11 13	0 44	8.696	3 563	87	75-125	0			
Barium	135 7	0.44	8.696	199.3	-732	75-125	0			SO
Beryllium	7 48	0 44	8.696	0.6163	78.9	75-125	0			
Cadmium	7 893	0 44	8.696	0.9113	80.3	75-125	0			
Chromium	43.9	0 44	8 696	60 71	-193	75-125	0			SO
Copper	31.88	0 44	8 696	39.04	-82.4	75-125	0			SO
Lead	59.4	0 44	8.696	287.5	-2620	75-125	0			SO
Nickel	19 43	0 44	8 696	16.67	31.7	75-125	0			S
Selenium	7 59	0 44	8 696	0	87.3	75-125	0			
Silver	7.228	0 44	8.696	0	83.1	75-125	0			
Thallium	8 143	0 44	8 696	0	93.6	75-125	0			
Zinc	128 6	0 44	8.696	179	-579	75-125	0			SO

MSD Sample ID **0611315-37AMSD** Units **mg/Kg** Analysis Date: **11/27/06 16:23**

Client ID **SB59-06** Run ID: **ICP7500_061127A** SeqNo **1003281** Prep Date: **11/22/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	2 127	0.44	8 696	0	24.5	75-125	2 047	3.83	25	S
Arsenic	10.85	0 44	8.696	3 563	83 8	75-125	11 13	2 53	25	
Barium	157.7	0 44	8.696	199 3	-478	75-125	135.7	15 1	25	SO
Beryllium	7 368	0 44	8 696	0 6163	77.6	75-125	7 48	1 51	25	
Cadmium	7 775	0 44	8 696	0 9113	78.9	75-125	7.893	1 51	25	
Chromium	54.99	0 44	8 696	60 71	-65 8	75-125	43 9	22 4	25	SO
Copper	31 38	0.44	8 696	39.04	-88 1	75-125	31 88	1 57	25	SO
Lead	76.38	0 44	8 696	287.5	-2430	75-125	59 4	25	25	SRO
Nickel	20	0 44	8 696	16.67	38 3	75-125	19 43	2 91	25	S
Selenium	7.311	0 44	8 696	0	84 1	75-125	7 59	3 73	25	
Silver	7 035	0.44	8 696	0	80.9	75-125	7.228	2 71	25	
Thallium	8 042	0 44	8 696	0	92 5	75-125	8 143	1 26	25	
Zinc	140.6	0 44	8 696	179	-441	75-125	128 6	8 91	25	SO

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611315
Project: CRJ-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20921** Instrument ID **ICP7500** Method **SW6020**

DUP Sample ID **0611315-37ADUP** Units **mg/Kg** Analysis Date **11/23/06 3:16**
Client ID **SB59-06** Run ID **ICP7500_061122A** SeqNo **1002695** Prep Date **11/22/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.2017	0 44	0	0	0	0-0	0.4983	0	25	J
Arsenic	4.637	0 44	0	0	0	0-0	4.979	7.13	25	
Beryllium	0 455	0.44	0	0	0	0-0	0 4967	8 75	25	
Cadmium	0 4113	0 44	0	0	0	0-0	0 785	0	25	J
Chromium	33.91	0 44	0	0	0	0-0	65.5	63 6	25	R
Copper	24 61	0 44	0	0	0	0-0	36 11	37 9	25	R
Nickel	10 12	0.44	0	0	0	0-0	15 62	42 7	25	R
Selenium	1 163	0 44	0	0	0	0-0	1.232	5 74	25	
Silver	U	0 44	0	0	0	0-0	0 004441	0	25	
Thallium	0 09	0 44	0	0	0	0-0	0 1098	0	25	J

DUP Sample ID **0611315-37ADUP** Units **mg/Kg** Analysis Date **11/28/06 14:34**
Client ID **SB59-06** Run ID **ICP7500_061128A** SeqNo **1003940** Prep Date **11/22/2006** DF **20**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	202.3	8 7	0	0	0	0-0	200.3	0.95	25	
Lead	283 5	8 7	0	0	0	0-0	279 3	1 48	25	
Zinc	165	8.7	0	0	0	0-0	165 3	0 179	25	

PDS Sample ID **0611315-37ABS** Units **mg/Kg** Analysis Date **11/23/06 3:51**
Client ID **SB59-06** Run ID **ICP7500_061122A** SeqNo **1002700** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	8 647	0 44	8.696	0 4983	93 7	75-125	0			
Arsenic	12.57	0.44	8 696	4.979	87 3	75-125	0			
Beryllium	6.984	0.44	8 696	0 4967	74 6	75-125	0			S
Cadmium	8 028	0 44	8.696	0 785	83.3	75-125	0			
Chromium	72 47	0 44	8 696	65.5	80 1	75-125	0			EO
Copper	41 81	0 44	8 696	36 11	65 5	75-125	0			SO
Nickel	22 77	0 44	8.696	15.62	82 2	75-125	0			
Selenium	8 16	0 44	8 696	1 232	79 7	75-125	0			
Silver	7 313	0 44	8.696	0 004441	84	75-125	0			
Thallium	8 177	0 44	8.696	0 1098	92 8	75-125	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611315
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID. **20921** Instrument ID **ICP7500** Method: **SW6020**

PDS Sample ID **0611315-37ABS** Units **mg/Kg** Analysis Date **11/28/06 14:40**
Client ID **SB59-06** Run ID **ICP7500_061128A** SeqNo. **1003941** Prep Date DF **20**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	366 3	8 7	173.9	200.3	95.4	75-125	0			
Lead	454 8	8 7	173.9	279.3	101	75-125	0			
Zinc	332 7	8 7	173 9	165.3	96.3	75-125	0			

SD Sample ID **0611315-37A DIL** Units: **mg/Kg** Analysis Date **11/23/06 5:16**
Client ID **SB59-06** Run ID **ICP7500_061122A** SeqNo **1002706** Prep Date DF **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	1 016	2 2	0	0	0	0-0	0 4983	0	10	J
Arsenic	4 683	2 2	0	0	0	0-0	4 979	5 96	10	
Beryllium	0 6352	2 2	0	0	0	0-0	0 4967	0	10	J
Cadmium	0 923	2.2	0	0	0	0-0	0.785	0	10	J
Chromium	62.78	2 2	0	0	0	0-0	65 5	4 16	10	
Copper	37 44	2 2	0	0	0	0-0	36 11	3 67	10	
Nickel	15 99	2.2	0	0	0	0-0	15.62	2 37	10	
Selenium	1.23	2 2	0	0	0	0-0	1.232	0	10	J
Silver	U	2.2	0	0	0	0-0	0.004441	0	10	
Thallium	0.2294	2.2	0	0	0	0-0	0 1098	0	10	J

SD Sample ID **0611315-37A DIL** Units **mg/Kg** Analysis Date **11/28/06 15:10**
Client ID **SB59-06** Run ID **ICP7500_061128A** SeqNo **1003944** Prep Date DF **100**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	188.2	44	0	0	0	0-0	200 3	6.08	10	
Lead	267	44	0	0	0	0-0	279.3	4 42	10	
Zinc	163.9	44	0	0	0	0-0	165.3	0.81	10	

The following samples were analyzed in this batch: 0611315-37A 0611315-41A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611315
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20945** Instrument ID **Mercury** Method: **SW7471A**

MBLK Sample ID **GBLKS1-112806** Units **µg/Kg** Analysis Date: **11/28/06 18:48**
Client ID Run ID **MERCURY_061128D** SeqNo **1004409** Prep Date: **11/28/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	13								

LCS Sample ID **GLCSS1-112806** Units **µg/Kg** Analysis Date: **11/28/06 18:50**
Client ID Run ID **MERCURY_061128D** SeqNo **1004410** Prep Date: **11/28/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	351 3	13	333.3	0	105	85-115	0			

LCSD Sample ID **GLCSDS1-112806** Units **µg/Kg** Analysis Date: **11/28/06 18:52**
Client ID Run ID **MERCURY_061128D** SeqNo **1004411** Prep Date: **11/28/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	352	13	333 3	0	106	85-115	351 3	0 19	20	

MS Sample ID **0611315-37AMS** Units **µg/Kg** Analysis Date: **11/28/06 18:58**
Client ID **SB59-06** Run ID **MERCURY_061128D** SeqNo: **1004414** Prep Date: **11/28/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	296.2	13	328 4	17 38	84 9	85-115	0			S

MSD Sample ID **0611315-37AMSD** Units **µg/Kg** Analysis Date: **11/28/06 19:00**
Client ID **SB59-06** Run ID **MERCURY_061128D** SeqNo **1004415** Prep Date: **11/28/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	309 4	13	328 4	17.38	88 9	85-115	296.2	4.34	20	

DUP Sample ID **0611315-37ADUP** Units **µg/Kg** Analysis Date: **11/28/06 18:56**
Client ID **SB59-06** Run ID **MERCURY_061128D** SeqNo **1004413** Prep Date: **11/28/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	16 43	13	0	0	0		17 38	5 59	20	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT:	Golder Associates, Inc.
Work Order:	0611315
Project:	CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20945** Instrument ID **Mercury** Method: **SW7471A**

The following samples were analyzed in this batch:

0611315-01A	0611315-03A	0611315-05A
0611315-07A	0611315-09A	0611315-11A
0611315-13A	0611315-15A	0611315-17A
0611315-19A	0611315-21A	0611315-23A
0611315-25A	0611315-27A	0611315-29A
0611315-31A	0611315-33A	0611315-35A
0611315-37A	0611315-39A	

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611315
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID 20946 Instrument ID Mercury Method SW7471A

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
MBLK Sample ID GBLKS2-112806						Units µg/Kg			Analysis Date 11/28/06 20:06	
Client ID		Run ID MERCURY_061128E			SeqNo 1004466		Prep Date 11/28/2006		DF 1	
Mercury	U	13								
LCS Sample ID GLCSS2-112806						Units µg/Kg			Analysis Date 11/28/06 20:08	
Client ID		Run ID MERCURY_061128E			SeqNo 1004467		Prep Date 11/28/2006		DF 1	
Mercury	346 7	13	333.3	0	104	85-115		0		
LCSD Sample ID GLCSDS2-112806						Units µg/Kg			Analysis Date 11/28/06 20:10	
Client ID		Run ID MERCURY_061128E			SeqNo 1004468		Prep Date 11/28/2006		DF 1	
Mercury	360	13	333 3	0	108	85-115	346.7	3 77	20	
MS Sample ID 0611318-12CMS						Units µg/Kg			Analysis Date 11/28/06 20:20	
Client ID		Run ID MERCURY_061128E			SeqNo 1004471		Prep Date 11/28/2006		DF 1	
Mercury	293 2	13	325.7	6 809	87.9	85-115		0		
MS Sample ID 0611426-03AMS						Units µg/Kg			Analysis Date 11/28/06 20:38	
Client ID		Run ID MERCURY_061128E			SeqNo 1004480		Prep Date 11/28/2006		DF 1	
Mercury	302.6	13	324.7	6 019	91 3	85-115		0		
MSD Sample ID 0611318-12CMSD						Units µg/Kg			Analysis Date 11/28/06 20:22	
Client ID		Run ID MERCURY_061128E			SeqNo 1004472		Prep Date 11/28/2006		DF 1	
Mercury	303.6	13	327 9	6 809	90 5	85-115	293 2	3 5	20	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611315
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20946** Instrument ID **Mercury** Method: **SW7471A**

MSD Sample ID: **0611426-03AMSD** Units **µg/Kg** Analysis Date: **11/28/06 20:40**
Client ID Run ID **MERCURY_061128E** SeqNo **1004481** Prep Date **11/28/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	290 4	13	324.1	6.019	87.7	85-115	302.6	4 1	20	

DUP Sample ID **0611318-12CDUP** Units **µg/Kg** Analysis Date. **11/28/06 20:14**
Client ID Run ID **MERCURY_061128E** SeqNo **1004470** Prep Date **11/28/2006** DF. **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	7 427	13	0	0	0		6.809	0	20	J

DUP Sample ID **0611426-03ADUP** Units **µg/Kg** Analysis Date. **11/28/06 20:36**
Client ID Run ID: **MERCURY_061128E** SeqNo: **1004479** Prep Date: **11/28/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	8 078	13	0	0	0		6 019	0	20	J

The following samples were analyzed in this batch: 0611315-41A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611315
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44085** Instrument ID **Balance1** Method: **E160.3**

DUP Sample ID: **0611287-27ADUP** Units **wt%** Analysis Date **11/20/06 0:00**
Client ID Run ID **BALANCE1_061120C** SeqNo **1001118** Prep Date: DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	19.31	0.010	0	0	0	0-0	19.34	0.122	20	

DUP Sample ID **0611317-26BDUP** Units **wt%** Analysis Date **11/20/06 0:00**
Client ID Run ID **BALANCE1_061120C** SeqNo **1001132** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	18.65	0.010	0	0	0	0-0	19.27	3.26	20	

The following samples were analyzed in this batch: 0611315-41A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611315
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44137** Instrument ID **Balance1** Method: **E160.3**

DUP Sample ID: **0611315-05A DUP** Units **wt%** Analysis Date: **11/21/06 0:00**

Client ID **SB45-06** Run ID **BALANCE1_061121D** SeqNo **1002103** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	16.61	0.010	0	0	0	0-0	16.84	1.38	20	

DUP Sample ID **0611315-37A DUP** Units **wt%** Analysis Date: **11/21/06 0:00**

Client ID **SB59-06** Run ID **BALANCE1_061121D** SeqNo **1002125** Prep Date. DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	21.98	0.010	0	0	0	0-0	20.96	4.72	20	

The following samples were analyzed in this batch:

0611315-01A	0611315-03A	0611315-05A
0611315-07A	0611315-09A	0611315-11A
0611315-13A	0611315-15A	0611315-17A
0611315-19A	0611315-21A	0611315-23A
0611315-25A	0611315-27A	0611315-29A
0611315-31A	0611315-33A	0611315-35A
0611315-37A	0611315-39A	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

MDLs & MQLs

Golder Associates, Inc.
CRI - Superfund
Work Order 0611296

e-Lab Analytical, Inc.

Date: Dec 01, 2006

Test Code: HG_S
Test Number: SW7471A
Test Name: Mercury, Total
Matrix: Solid **Units:** µg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Mercury	7439-97-6	1.4	13.3

Test Code: ICP_S_Low
Test Number: SW6020
Test Name: ICP Metals
Matrix: Solid **Units:** mg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Antimony	7440-36-0	0.14	0.5
A	Arsenic	7440-38-2	0.13	0.5
A	Barium	7440-39-3	0.07	0 5
A	Beryllium	7440-41-7	0.03	0.5
A	Cadmium	7440-43-9	0.03	0.5
A	Chromium	7440-47-3	0.07	0.5
A	Copper	7440-50-8	0.04	0.5
A	Lead	7439-92-1	0 09	0.5
A	Nickel	7440-02-0	0.08	0 5
A	Selenium	7782-49-2	0.19	0.5
A	Silver	7440-22-4	0.02	0.5
A	Thallium	7440-28-0	0 05	0 5
A	Zinc	7440-66-6	0.1	0.5

e-Lab Analytical, Inc. **Date:** Dec 01, 2006

Test Code: MOISTURE
Test Number: E160.3
Test Name: Percent Moisture
Matrix: Soil **Units:** wt%

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Percent Moisture	MOIST	0.01	0.01

Golder Associates, Inc.

CRI Superfund

Work Order 0611317

The total number of pages in this document is _____

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- TRRP Laboratory Data Package Cover Sheet
- TRRP Checklist
- Sample Summary Table
- Chain of Custody and Sample Receipt Checklist
- Analytical Report
- QC Batch Summary Report
- MDLs and MQLs
- Volatiles Raw Data
- Metals Raw Data
- Mercury Raw Data
- Moisture Raw Data

e-Lab Analytical, Inc. **Date:** *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**TRRP Laboratory Data Package Cover Page**
Project:	CRI-Superfund Wiley, Texas	
Work Order:	0611317	

This data package consists of all or some of the following as applicable:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation:

R2 Sample identification cross-reference

R3 Test reports (analytical data sheets) for each environmental sample that includes:
- a) Items consistent with NELAC 5.13 or ISO/IEC 17025 Section 5.10
- b) dilution factors,
- c) preparation methods,
- d) cleanup methods, and
- e) if required for the project, tentatively identified compounds (TICs)

R4 Surrogate recovery data including:
- a) Calculated recovery (%R), and
- b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms for laboratory control samples (LCSs) including:
- a) LCS spiking amounts,
- b) Calculated %R for each analyte, and
- c)The laboratory's LCS QC limits

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including.
- a) Samples associated with the MS/MSD clearly identified,
- b) MS/MSD spiking amounts,
- c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
- d) Calculated %Rs and relative percent differences (RPDs), and
- e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) recovery and precision:
- a) the amount of analyte measured in the duplicate,
- b) the calculated RPD, and
- c) the laboratory's QC limits for analytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix?

R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release Statement I am responsible for the release of this laboratory data package This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exception reports By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratory in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data

Check, if applicable [NA] This laboratory is an in-house laboratory controlled by the person responding to rule The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Patricia L. Lynch

Patricia L. Lynch

Project Manager

Laboratory Review Checklist: Reportable Data

Laboratory Name: e-Lab Analytical, Inc	LRC Date: 12/22/2006
Project Name: CRI Superfund Wiley	Laboratory Job Number 0611317
Reviewer Name Patricia L Lynch	Prep Batch Number(s): 20847, 20868, 20873, 20896, 20939, R44031, R44066, R44085, R44204 and R44258

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**CHAIN-OF-CUSTODY (C-O-C)**					
		1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		2) Were all departures from standard conditions described in an exception report?	X				
R2	OI	**SAMPLE AND QUALITY CONTROL (QC) IDENTIFICATION**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**TEST REPORTS**					
		1) Were all samples prepared and analyzed within holding times?	X				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample quantitation limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	X				
		7) Was % moisture (or solids) reported for all soil and sediment samples?	X				
		8) If required for the project, TICs reported?			X		
R4	O	**SURROGATE RECOVERY DATA**					
		1) Were surrogates added prior to extraction?	X				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	**TEST REPORTS/SUMMMARY FORMS FOR BLANK SAMPLES**					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?	X				
R6	OI	**LABORATORY CONTROL SAMPLES (LCS):**					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	X				
		6) Was the LCSD RPD within QC limits?	X				
R7	OI	**MATRIX SPIKE (MS) AND MATRIX SPIKE DUPLICATE (MSD) DATA**					
		1) Were the project/method specified analytes included in the MS and MSD?	X				
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			1
		4) Were MS/MSD RPDs within laboratory QC limits?		X			2
R8	OI	**ANALYTICAL DUPLICATE DATA**					
		1) Were appropriate analytical duplicates analyzed for each matrix?	X				
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?		X			3
R9	OI	**METHOD QUANTITATION LIMITS (MQLS):**					
		1) Are the MQLs for each method analyte listed and included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs included in the laboratory data package?	X				
R10	OI	**OTHER PROBLEMS/ANOMALIES**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		2) Were all necessary corrective actions performed for the reported data?	X				
		3) If requested, is the justification for elevated SQLs documented?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted in o the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period

2 O = organic analyses, I = inorganic analyses (and general chemistry, when applicable),

3 NA = Not applicable,

4 NR = Not Reviewed,

5 ER# = Exception Repon identification number (an Exception Report should be completed for an item if "NR" or "No" is checked)

Laboratory Review Checklist: Supporting Data								
Laboratory Name: c-lab Analytical, Inc				LRC Date. 12/22/2006				
Project Name: CRI Superfund Wiley				Laboratory Job Number: 0611317				
Reviewer Name Patricia L. Lynch				Prep Batch Number(s): 20847, 20868, 20873, 20896, 20939, R44031, R44066, R44085, R44204 and R44258				
#[1]	A[2]	Description		Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	INITIAL CALIBRATION (ICAL)						
		1) Were response factors (RFs) and/or relative response factors (RRFs) for each analyte within the QC limits?		X				
		2) Were percent RSDs or correlation coefficient criteria met?		X				
		3) Was the number of standards recommended in the method used for all analytes?		X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?		X				
		5) Are ICAL data available for all instruments used?		X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?		X				
S2	OI	INITIAL AND CONTINUING CALIBRATION VERIFICATION (ICCV AND CCV) AND						
		1) Was the CCV analyzed at the method-required frequency?		X				
		2) Were percent differences for each analyte within the method-required QC limits?		X				
		3) Was the ICAL curve verified for each analyte?		X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?				X		
S3	O	MASS SPECTRAL TUNING:						
		1) Was the appropriate compound for the method used for tuning?		X				
		2) Were ion abundance data within the method-required QC limits?		X				
S4	O	INTERNAL STANDARDS (IS):						
		Were IS area counts and retention times within the method-required QC limits?		X				
S5	OI	RAW DATA (NELAC SECTION 1 APPENDIX A GLOSSARY, AND SECTION 5.12 OR						
		1) Were the raw data (e g., chromatograms, spectral data) reviewed by an analyst?		X				
		2) Were data associated with manual integrations flagged on the raw data?		X				
S6	O	DUAL COLUMN CONFIRMATION						
		Did dual column confirmation results meet the method-required QC?				X		
S7	O	TENTATIVELY IDENTIFIED COMPOUNDS (TICS):						
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?				X		
S8	I	INTERFERENCE CHECK SAMPLE (ICS) RESULTS:						
		Were percent recoveries within method QC limits?		X				
S9	I	SERIAL DILUTIONS, POST DIGESTION SPIKES, AND METHOD OF STANDARD						
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X			4
S10	OI	PROFICIENCY TEST REPORTS:						
		Are proficiency testing or inter-laboratory comparison results on file?		X				
S11	OI	METHOD DETECTION LIMIT (MDL) STUDIES						
		1) Was a MDL study performed for each reported analyte?		X				
		2) Is the MDL either adjusted or supported by the analysis of DCSs?		X				
S12	OI	STANDARDS DOCUMENTATION						
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?		X				
S13	OI	COMPOUND/ANALYTE IDENTIFICATION PROCEDURES						
		Are the procedures for compound/analyte identification documented?		X				
S14	OI	DEMONSTRATION OF ANALYST COMPETENCY (DOC)						
		1) Was DOC conducted consistent with NELAC 5C or ISO/IEC 4 2.2?		X				
		2) Is documentation of the analyst's competency up-to-date and on file?		X				
S15	OI	VERIFICATION/VALIDATION DOCUMENTATION FOR METHODS						
		Are all the methods used to generate the data documented, verified, and validated, where applicable, (NELAC 5 10.2 or ISO/IEC 17025 Section 5 4.5)?		X				
S16	OI	LABORATORY STANDARD OPERATING PROCEDURES (SOPS):						
		Are laboratory SOPs current and on file for each method performed?		X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period
2 O = organic analyses, I = inorganic analyses (and general chemistry, when applicable)
3 NA = Not applicable
4 NR = Not Reviewed
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked)

Laboratory Review Checklist: Exception Report		
Laboratory Name: e-Lab Analytical, Inc		LRC Date: 12/22/2006
Project Name: CRI Superfund Wiley		Laboratory Job Number. 0611317
Reviewer Name. Patricia L. Lynch		Prep Batch Number(s): 20847, 20868, 20873, 20896, 20939, R44031, R44066, R44085, R44204 and R44258
ER #[1]	DESCRIPTION	
1	Batch 20868 Metals MS/MSD is an unrelated sample.	
	Batch 20873 Metals MS/MSD recoveries for many of the target elements are outside the control limits in sample SB85-06 due to matrix interference. Some of the data is flagged with E and O due to the concentrations in the background sample.	
	Batch 20896 Metals MS/MSD recoveries for numerous target elements are outside the control limits in sample SB85-18 DS-18 due to matrix interference. The data for Barium is flagged with O due to the concentration in the background sample.	
	Batch 20939 Mercury MS/MSD recoveries in sample SB85-06 are below the control limits.	
	Batch R44066 Volatiles MS/MSD is an unrelated sample.	
	Batch R44204 Volatiles MS/MSD recoveries for Trichloroethene are below the control limits in sample SB72-18 from e-Lab work order 0611291. All other recoveries and all RPD's are in control.	
2	Batch 20873 Metals MS/MSD RPD's for Antimony and Zinc are above the control limits in sample SB85-06 due to matrix interference. Some of the data is flagged with E and O due to the concentrations in the background sample.	
3	Batch 20897 Metals Duplicate RPD's for several of the target elements are above the control limits in sample SB41-06 from e-Lab work order 0611287 due to matrix interference	
	Batch 20896 Duplicate RPD's for Barium and Selenium are above the control limits in sample SB85-18 DS-18 due to matrix interference	
4	Batch 20868 Metals Post-Digestion Spike is an unrelated sample.	
	Batch 20896 Metals Post-Digestion Spike recoveries for Barium and Zinc are below the control limits in sample SB85-18 DS-18 due to matrix interference. The data for Barium is also flagged with O due to the concentration in the background sample.	
	Batch 20873 Metals Serial Dilution %D for Copper is above the control limits in sample SB85-06 due to matrix interference.	
	Batch 20896 Metals Serial Dilution %D's for Arsenic, Copper and Zinc are above the control limits in sample SB85-18 DS-18 due to matrix interference.	

1 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

e-Lab Analytical, Inc. **Date:** *December 01, 2006*

CLIENT: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas
Work Order: 0611317

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
0611317-01	SB80-06	Soil		11/16/2006 08:45	11/17/2006 09:20	☐
0611317-02	SB80-12	Soil		11/16/2006 08:46	11/17/2006 09:20	☐
0611317-03	SB80-18	Soil		11/16/2006 08:47	11/17/2006 09.20	☐
0611317-04	SB80-24 (Archive)	Soil		11/16/2006 08:49	11/17/2006 09.20	☐
0611317-05	SB81-06	Soil		11/16/2006 08.54	11/17/2006 09.20	☐
0611317-06	SB81-12	Soil		11/16/2006 08:55	11/17/2006 09:20	☐
0611317-07	SB81-18	Soil		11/16/2006 08:56	11/17/2006 09:20	☐
0611317-08	SB81-24	Soil		11/16/2006 08:59	11/17/2006 09.20	☐
0611317-09	SB82-06	Soil		11/16/2006 09:01	11/17/2006 09:20	☐
0611317-10	SB82-12	Soil		11/16/2006 09:02	11/17/2006 09.20	☐
0611317-11	SB82-18	Soil		11/16/2006 09:04	11/17/2006 09.20	☐
0611317-12	SB82-24 (Archive)	Soil		11/16/2006 09:06	11/17/2006 09:20	☐
0611317-13	SB83-06	Soil		11/16/2006 09:11	11/17/2006 09:20	☐
0611317-14	SB83-12	Soil		11/16/2006 09:12	11/17/2006 09.20	☐
0611317-15	SB83-18	Soil		11/16/2006 09:13	11/17/2006 09:20	☐
0611317-16	SB83-24	Soil		11/16/2006 09:16	11/17/2006 09:20	☐
0611317-17	SB84-06	Soil		11/16/2006 10:28	11/17/2006 09.20	☐
0611317-18	SB84-12	Soil		11/16/2006 10:29	11/17/2006 09:20	☐
0611317-19	SB84-18	Soil		11/16/2006 10.31	11/17/2006 09.20	☐
0611317-20	SB84-24	Soil		11/16/2006 10:34	11/17/2006 09 20	☐
0611317-21	SB85-06	Soil		11/16/2006 10:45	11/17/2006 09:20	☐
0611317-22	SB85-12	Soil		11/16/2006 10:47	11/17/2006 09.20	☐
0611317-23	SB85-18	Soil		11/16/2006 10:50	11/17/2006 09.20	☐
0611317-24	SB85-24 (Archive)	Soil		11/16/2006 10:57	11/17/2006 09.20	☐
0611317-25	SB85-06 DS-17	Soil		11/16/2006 10:45	11/17/2006 09 20	☐
0611317-26	SB85-18 DS-18	Soil		11/16/2006 10:50	11/17/2006 09.20	☐
0611317-27	SB85-24 DS-19 (Archive)	Soil		11/16/2006 10:57	11/17/2006 09.20	☐
0611317-28	RS-3	Water		11/16/2006 11 10	11/17/2006 09 20	☐
0611317-29	SB85-24 DS-20 (Archive)	Soil		11/16/2006 10:57	11/17/2006 09:20	☐
0611317-30	Trip Blank 1290	Water		11/16/2006 10:57	11/17/2006 09 20	☐
0611317-31	Trip Blank 1338	Water		11/16/2006 10:57	11/17/2006 09 20	☐

e-Lab
QUALITY · INTEGRITY · SERVICE

10450 Stancliff Rd. #210
Houston, Texas 77099
(Tel) 281 530.5656
(Fax) 281 530 5887

3352 128th Avenue
Holland, Michigan 49424
(Tel) 616 399 6070
(Fax) 616 399.6185

Chain of Custody Form

e-Lab Project Manager:

e-Lab Work Order #: 6K13?

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wylie, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	5-DAY TAT on VOCs
Address	500 Century Plaza Drive Suite 180	Address	500 Century Plaza Drive Suite 180	E	
				F	IN 2 ICE CHESTS
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Preservative	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB85-06	11/16/06	1045	S		1		✓	✓								
2	12		1047			1		✓	✓								
3	18		1050			5	✓	✓	✓								
4	24 (ARCHIVE)		1057			5	✓	✓	✓								✓
5	SB85-06 DS-17		1045			X 1		✓	✓								
6	MS-S14		1045			X 1		✓	✓								
7	MD-S14		1045			X 1		✓	✓								
8	SB85-18 DS-18		1050			4	✓	✓	✓								
9	MS-S15		1050			4	✓	✓	✓								
10	MD-S15		1050			4	✓	✓	✓								

Sampler(s) Please Print & Sign: JULIE LATCH

Shipment Method: FEDEX

Required Turnaround Time: (Check Box) 10 Day TAT

Results Due Date:

Relinquished by:	Date: 11/16/06	Time: 1730	Received by:	
Relinquished by:	Date:	Time:	Received by (Laboratory):	11/17/06 09:20
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Notes:

e-Lab Analytical Order ID	Due Date	Special Instructions/Detection Limits Required
		Level III Std QC/Raw Data ☐ TRRP Level IV Level IV SW846/CLP ☐ Other ☐

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
2 Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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e-Lab
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10450 Stanchfl Rd #210
Houston, Texas 77099
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Chain of Custody Form

3352 128th Avenue
Holland, Michigan 49424
(Tel) 616.399 6070
(Fax) 616.399.6185

e-Lab Project Manager: | e-Lab Work Order #: 1137

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wylie, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pilt	Invoice Attn	Jack Pilt	D	5-DAY TAT on VOCs
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	
				F	IN 2 ICE CHESTS
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB85-24 DS-19 (ARCHIVE)	11/16/06	1057	S		4	✓										✓
2	↓ MS-S16 (ARCHIVE)	↓	1057	↓		4	✓										✓
3	↓ MD-S16 (ARCHIVE)	↓	1057	↓		4	✓										✓
4	RS-3	↓	1110	W		1											
5	SB85-24 DS-20 (ARCHIVE)	↓	1057	S		1		✓	✓								✓
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign	Shipment Method	Required Turnaround Time: (Check Box)	Results Due Date:
JULIE UTLEY [signature]	FED EX	10 Day TAT	

Relinquished by:	Date:	Time:	Received by:	Notes:
[signature]	11/16/06	1730		
Relinquished by:	Date:	Time:	Received by (Laboratory): [signature] 11/17/06 04:20	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

e-Lab Analytical Cooler ID	Cooler Temp.

QC Packages (Check One Box Below) | TRRP Check List
- ☐ Level III Std QC/Raw Data
- ☐ TRRP Level IV
- ☐ Level IV SW846/CLP
- ☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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Sample Receipt Checklist

Client Name GOLDER-HOU | Date/Time Received 11/17/2006 9:20:00 AM

Work Order Number 0611317 | Received by RNG

Checklist completed by [signature] 11/17/06 (Signature / Date) | Reviewed by PM 11/18/06 (Initials / Date)

Matrix So. I /Water | Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s) Thermometer(s)	3.1c, 2.8c		0C2
Water VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐

Adjusted? Checked by

Login Notes Received two sets of trip blanks not on COC, logged in without analysis.

Client contacted | Date contacted | Person contacted

Contacted by | Regarding

Comments

Corrective Action

WO # 061137.

11/16/2006 FedEx Tracking Number 858669876665

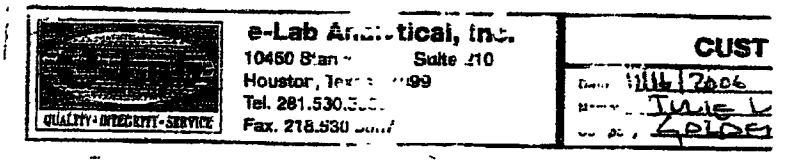
Sender's Name JACK PUIT Phone 281 821 4869

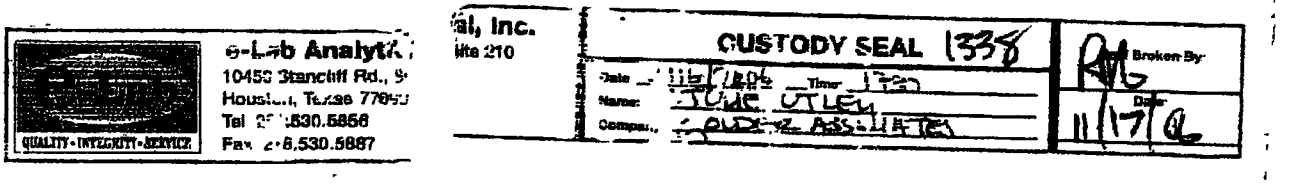
Company GOLDEN ASSOCIATES

Address 500 GENTILLY PLACE DR SUITE 170

City HOUSTON State TX ZIP 77073

Your Internal Billing Reference 1290





Analytical Report

Golder Associates, Inc.
CRI - Superfund
Work Order 0611317

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB80-06
Work Order:	0611317	**Collection Date:**	11/16/2006 8:45:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-01	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/27/06		Analyst JCJ
Mercury	35.3		1.8	16.9	µg/Kg-dry	1	11/27/2006
ICP METALS			Method SW6020		Prep SW3050A / 11/20/06		Analyst ALR
Antimony	0.325	J	0.17	0.597	mg/Kg-dry	1	11/21/2006
Arsenic	4.75		0.16	0.597	mg/Kg-dry	1	11/21/2006
Barium	257		1.7	11.9	mg/Kg-dry	20	11/22/2006
Beryllium	0.866		0.036	0.597	mg/Kg-dry	1	11/22/2006
Cadmium	0.652		0.036	0.597	mg/Kg-dry	1	11/21/2006
Chromium	47.1		0.084	0.597	mg/Kg-dry	1	11/21/2006
Copper	26.1		0.048	0.597	mg/Kg-dry	1	11/21/2006
Lead	185		0.11	0.597	mg/Kg-dry	1	11/21/2006
Nickel	16.9		0.096	0.597	mg/Kg-dry	1	11/21/2006
Selenium	0.825		0.23	0.597	mg/Kg-dry	1	11/21/2006
Silver	0.0347	J	0.024	0.597	mg/Kg-dry	1	11/21/2006
Thallium	0.176	J	0.060	0.597	mg/Kg-dry	1	11/21/2006
Zinc	222		2.4	11.9	mg/Kg-dry	20	11/22/2006
PERCENT MOISTURE			Method E160.3				Analyst MAM
Percent Moisture	21.7		0.010	0.0100	wt%	1	11/18/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB80-12
Work Order:	0611317	**Collection Date:**	11/16/2006 8:46:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-02	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/27/06		Analyst: JCJ
Mercury	17.8		1.8	17.3	µg/Kg-dry	1	11/27/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/20/06		Analyst: ALR
Antimony	U		0.17	0.590	mg/Kg-dry	1	11/21/2006
Arsenic	3.17		0.15	0.590	mg/Kg-dry	1	11/21/2006
Barium	182		0.083	0.590	mg/Kg-dry	1	11/21/2006
Beryllium	0.983		0.035	0.590	mg/Kg-dry	1	11/22/2006
Cadmium	0.231	J	0.035	0.590	mg/Kg-dry	1	11/21/2006
Chromium	11.7		0.083	0.590	mg/Kg-dry	1	11/21/2006
Copper	8.81		0.047	0.590	mg/Kg-dry	1	11/21/2006
Lead	33.2		0.11	0.590	mg/Kg-dry	1	11/21/2006
Nickel	12.5		0.094	0.590	mg/Kg-dry	1	11/21/2006
Selenium	0.782		0.22	0.590	mg/Kg-dry	1	11/21/2006
Silver	0.0267	J	0.024	0.590	mg/Kg-dry	1	11/21/2006
Thallium	0.146	J	0.059	0.590	mg/Kg-dry	1	11/21/2006
Zinc	50.2		0.12	0.590	mg/Kg-dry	1	11/22/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	23.6		0.010	0.0100	wt%	1	11/18/2006

Qualifiers:

- U - Analyzed for but Not Detected
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB80-18
Work Order:	0611317	**Collection Date:**	11/16/2006 8:47:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-03	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method	**SW7471A**		Prep: SW7471A / 11/27/06		Analyst **JCJ**
Mercury	**4.81**	J	**1.8**	**16.8**	**µg/Kg-dry**	1	**11/27/2006**
ICP METALS		Method	**SW6020**		Prep: SW3050A / 11/20/06		Analyst **ALR**
Antimony	U		0.17	0.622	mg/Kg-dry	1	11/21/2006
Arsenic	**3.21**		**0.16**	**0.622**	**mg/Kg-dry**	1	**11/21/2006**
Barium	**176**		**0.087**	**0.622**	**mg/Kg-dry**	1	**11/21/2006**
Beryllium	**0.977**		**0.037**	**0.622**	**mg/Kg-dry**	1	**11/22/2006**
Cadmium	**0.169**	J	**0.037**	**0.622**	**mg/Kg-dry**	1	**11/21/2006**
Chromium	**12.3**		**0.087**	**0.622**	**mg/Kg-dry**	1	**11/21/2006**
Copper	**8.13**		**0.060**	**0.622**	**mg/Kg-dry**	1	**11/21/2006**
Lead	**21.0**		**0.11**	**0.622**	**mg/Kg-dry**	1	**11/21/2006**
Nickel	**14.9**		**0.10**	**0.622**	**mg/Kg-dry**	1	**11/21/2006**
Selenium	**0.822**		**0.24**	**0.622**	**mg/Kg-dry**	1	**11/21/2006**
Silver	**0.0330**	J	**0.025**	**0.622**	**mg/Kg-dry**	1	**11/21/2006**
Thallium	**0.168**	J	**0.062**	**0.622**	**mg/Kg-dry**	1	**11/21/2006**
Zinc	**32.2**		**0.12**	**0.622**	**mg/Kg-dry**	1	**11/22/2006**
TCL VOLATILE ORGANICS		Method	**SW8260**				Analyst **HLBW**
1,1,1-Trichloroethane	U		0.77	5.5	µg/Kg-dry	0.846	11/28/2006
1,1,2,2-Tetrachloroethane	U		0.55	5.5	µg/Kg-dry	0.846	11/28/2006
1,1,2-Trichloroethane	U		0.55	5.5	µg/Kg-dry	0.846	11/28/2006
1,1-Dichloroethane	U		0.88	5.5	µg/Kg-dry	0.846	11/28/2006
1,1-Dichloroethene	U		1.1	5.5	µg/Kg-dry	0.846	11/28/2006
1,2-Dichloroethane	U		0.66	5.5	µg/Kg-dry	0.846	11/28/2006
1,2-Dichloropropane	U		0.66	5.5	µg/Kg-dry	0.846	11/28/2006
2-Butanone	U		0.77	11	µg/Kg-dry	0.846	11/28/2006
Benzene	U		0.66	5.5	µg/Kg-dry	0.846	11/28/2006
Bromoform	U		0.55	11	µg/Kg-dry	0.846	11/28/2006
Bromomethane	U		1.1	11	µg/Kg-dry	0.846	11/28/2006
Carbon tetrachloride	U		1.1	5.5	µg/Kg-dry	0.846	11/28/2006
Chlorobenzene	U		0.77	5.5	µg/Kg-dry	0.846	11/28/2006
Chloroethane	U		1.8	11	µg/Kg-dry	0.846	11/28/2006
Chloroform	U		1.0	5.5	µg/Kg-dry	0.846	11/28/2006
Chloromethane	U		1.2	11	µg/Kg-dry	0.846	11/28/2006
cis-1,3-Dichloropropene	U		0.66	5.5	µg/Kg-dry	0.846	11/28/2006
Dichloromethane	U		3.3	11	µg/Kg-dry	0.846	11/28/2006
Ethylbenzene	U		0.88	5.5	µg/Kg-dry	0.846	11/28/2006
Tetrachloroethene	U		0.66	5.5	µg/Kg-dry	0.846	11/28/2006
Toluene	U		0.66	5.5	µg/Kg-dry	0.846	11/28/2006
trans-1,2-Dichloroethene	U		1.1	5.5	µg/Kg-dry	0.846	11/28/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB80-18
Work Order:	0611317	**Collection Date:**	11/16/2006 8:47:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-03	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.86	5.5	µg/Kg-dry	0.846	11/28/2006
Trichloroethene	U		0.66	5.5	µg/Kg-dry	0.846	11/28/2006
Vinyl chloride	U		0.86	2.2	µg/Kg-dry	0.846	11/28/2006
Xylenes, Total	U		1.7	17	µg/Kg-dry	0.846	11/28/2006
Surr: 1,2-Dichloroethane-d4	*90.0*			*70-128*	*%REC*	0.846	11/28/2006
Surr: 4-Bromofluorobenzene	*88.1*			*73-126*	*%REC*	0.846	11/28/2006
Surr: Dibromofluoromethane	*93.5*			*71-128*	*%REC*	0.846	11/28/2006
Surr: Toluene-d8	*97.0*			*73-127*	*%REC*	0.846	11/28/2006
PERCENT MOISTURE		Method:	**E160.3**				Analyst **MAM**
Percent Moisture	**23.5**		**0.010**	**0.0100**	**wt%**	1	11/18/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB81-06
Work Order:	0611317	**Collection Date:**	11/16/2006 8:54:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-05	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/27/06		Analyst JCJ
Mercury	33.6		1.8	16.6	µg/Kg-dry	1	11/27/2006
ICP METALS			Method SW6020		Prep. SW3050A / 11/20/06		Analyst ALR
Antimony	2.12		0.17	0.592	mg/Kg-dry	1	11/22/2006
Arsenic	4.56		0.15	0.592	mg/Kg-dry	1	11/22/2006
Barium	669		8.3	59.2	mg/Kg-dry	100	11/22/2006
Beryllium	0.821		0.036	0.592	mg/Kg-dry	1	11/22/2006
Cadmium	1.30		0.036	0.592	mg/Kg-dry	1	11/22/2006
Chromium	317		8.3	59.2	mg/Kg-dry	100	11/22/2006
Copper	45.2		0.047	0.592	mg/Kg-dry	1	11/22/2006
Lead	1,110		11	59.2	mg/Kg-dry	100	11/22/2006
Nickel	30.7		0.095	0.592	mg/Kg-dry	1	11/22/2006
Selenium	0.917		0.22	0.592	mg/Kg-dry	1	11/22/2006
Silver	0.0269	J	0.024	0.592	mg/Kg-dry	1	11/22/2006
Thallium	0.256	J	0.059	0.592	mg/Kg-dry	1	11/22/2006
Zinc	749		12	59.2	mg/Kg-dry	100	11/22/2006
PERCENT MOISTURE			Method E160.3				Analyst MAM
Percent Moisture	21.8		0.010	0.0100	wt%	1	11/18/2006

Qualifiers:

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* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB81-12
Work Order:	0611317	**Collection Date:**	11/16/2006 8:55:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-06	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method	**SW7471A**		Prep SW7471A / 11/27/06		Analyst **JCJ**
Mercury	**9.03**	J	**1.8**	**16.7**	**µg/Kg-dry**	1	11/27/2006
ICP METALS		Method	**SW6020**		Prep. SW3050A / 11/20/06		Analyst. **ALR**
Antimony	U		0.16	0.585	mg/Kg-dry	1	11/22/2006
Arsenic	**3.82**		**0.15**	**0.585**	**mg/Kg-dry**	1	11/22/2006
Barium	**189**		**0.082**	**0.585**	**mg/Kg-dry**	1	11/22/2006
Beryllium	**1.01**		**0.035**	**0.585**	**mg/Kg-dry**	1	11/22/2006
Cadmium	**0.222**	J	**0.035**	**0.585**	**mg/Kg-dry**	1	11/22/2006
Chromium	**13.7**		**0.082**	**0.585**	**mg/Kg-dry**	1	11/22/2006
Copper	**9.80**		**0.047**	**0.585**	**mg/Kg-dry**	1	11/22/2006
Lead	**29.6**		**0.11**	**0.585**	**mg/Kg-dry**	1	11/22/2006
Nickel	**15.0**		**0.094**	**0.585**	**mg/Kg-dry**	1	11/22/2006
Selenium	**0.968**		**0.22**	**0.585**	**mg/Kg-dry**	1	11/22/2006
Silver	U		0.023	0.585	mg/Kg-dry	1	11/22/2006
Thallium	**0.227**	J	**0.058**	**0.585**	**mg/Kg-dry**	1	11/22/2006
Zinc	**40.0**		**0.58**	**2.92**	**mg/Kg-dry**	5	11/22/2006
PERCENT MOISTURE		Method	**E160.3**				Analyst **MAM**
Percent Moisture	**21.6**		**0.010**	**0.0100**	**wt%**	1	11/18/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contammant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT: Golder Associates, Inc.
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas
Lab ID: 0611317-07

Client Sample ID: SB81-18
Collection Date: 11/16/2006 8:56 00 AM
Matrix: SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method **SW7471A**			Prep SW7471A / 11/27/06		Analyst **JCJ**
Mercury	**5.23**	J	**1.8**	**17.1**	**µg/Kg-dry**	1	11/27/2006
ICP METALS		Method **SW6020**			Prep· SW3050A / 11/20/06		Analyst **ALR**
Antimony	U		0 17	0 625	mg/Kg-dry	1	11/22/2006
Arsenic	**2.71**		**0.16**	**0.625**	**mg/Kg-dry**	1	11/22/2006
Barium	**182**		**0.087**	**0.625**	**mg/Kg-dry**	1	11/22/2006
Beryllium	**0.992**		**0.037**	**0.625**	**mg/Kg-dry**	1	11/22/2006
Cadmium	**0.140**	J	**0.037**	**0.625**	**mg/Kg-dry**	1	11/22/2006
Chromium	**11.4**		**0.087**	**0.625**	**mg/Kg-dry**	1	11/22/2006
Copper	**7.89**		**0.050**	**0.625**	**mg/Kg-dry**	1	11/22/2006
Lead	**16.8**		**0.11**	**0.625**	**mg/Kg-dry**	1	11/22/2006
Nickel	**13 4**		**0.10**	**0.625**	**mg/Kg-dry**	1	11/22/2006
Selenium	**0.875**		**0.24**	**0.625**	**mg/Kg-dry**	1	11/22/2006
Silver	U		0 025	0 625	mg/Kg-dry	1	11/22/2006
Thallium	**0.218**	J	**0.062**	**0.625**	**mg/Kg-dry**	1	11/22/2006
Zinc	**29.5**		**0.62**	**3.12**	**mg/Kg-dry**	5	11/22/2006
TCL VOLATILE ORGANICS		Method **SW8260**					Analyst **HLBW**
1,1,1-Trichloroethane	U		0 94	6 7	µg/Kg-dry	1 018	11/28/2006
1,1,2,2-Tetrachloroethane	U		0 67	6 7	µg/Kg-dry	1 018	11/28/2006
1,1,2-Trichloroethane	U		0 67	6.7	µg/Kg-dry	1 018	11/28/2006
1,1-Dichloroethane	U		1 1	6 7	µg/Kg-dry	1 018	11/28/2006
1,1-Dichloroethene	U		1 3	6 7	µg/Kg-dry	1 018	11/28/2006
1,2-Dichloroethane	U		0 81	6 7	µg/Kg-dry	1 018	11/28/2006
1,2-Dichloropropane	U		0 81	6 7	µg/Kg-dry	1 018	11/28/2006
2-Butanone	U		0 94	13	µg/Kg-dry	1 018	11/28/2006
Benzene	U		0 81	6 7	µg/Kg-dry	1 018	11/28/2006
Bromoform	U		0 67	13	µg/Kg-dry	1 018	11/28/2006
Bromomethane	U		1 3	13	µg/Kg-dry	1 018	11/28/2006
Carbon tetrachloride	U		1.3	6 7	µg/Kg-dry	1 018	11/28/2006
Chlorobenzene	U		0.94	6 7	µg/Kg-dry	1 018	11/28/2006
Chloroethane	U		2.2	13	µg/Kg-dry	1 018	11/28/2006
Chloroform	U		1.2	6.7	µg/Kg-dry	1 018	11/28/2006
Chloromethane	U		1 5	13	µg/Kg-dry	1 018	11/28/2006
cis-1,3-Dichloropropene	U		0 81	6.7	µg/Kg-dry	1.018	11/28/2006
Dichloromethane	U		4 0	13	µg/Kg-dry	1 018	11/28/2006
Ethylbenzene	U		1 1	6 7	µg/Kg-dry	1 018	11/28/2006
Tetrachloroethene	U		0 81	6 7	µg/Kg-dry	1 018	11/28/2006
Toluene	U		0 81	6 7	µg/Kg-dry	1 018	11/28/2006
trans-1,2-Dichloroethene	U		1 3	6 7	µg/Kg-dry	1 018	11/28/2006

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB81-18
Work Order:	0611317	**Collection Date:**	11/16/2006 8:56 00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-07	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0 81	6 7	µg/Kg-dry	1 018	11/28/2006
Trichloroethene	U		0 81	6 7	µg/Kg-dry	1 018	11/28/2006
Vinyl chloride	U		0.81	2.7	µg/Kg-dry	1.018	11/28/2006
Xylenes, Total	U		2 0	20	µg/Kg-dry	1 018	11/28/2006
Surr 1,2-Dichloroethane-d4	*102*			*70-128*	*%REC*	1 018	11/28/2006
Surr 4-Bromofluorobenzene	*91 8*			*73-126*	*%REC*	1 018	11/28/2006
Surr Dibromofluoromethane	*103*			*71-128*	*%REC*	1 018	11/28/2006
Surr Toluene-d8	*96 4*			*73-127*	*%REC*	1 018	11/28/2006
PERCENT MOISTURE		Method: E160.3					Analyst: MAM
Percent Moisture	**24.5**		**0.010**	**0.0100**	**wt%**	1	11/18/2006

Qualifiers	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB82-06
Work Order:	0611317	**Collection Date:**	11/16/2006 9:01:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-09	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/27/06		Analyst: JCJ
Mercury	64.0		1.7	16.2	µg/Kg-dry	1	11/27/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/20/06		Analyst: ALR
Antimony	1.62		0.15	0.547	mg/Kg-dry	1	11/22/2006
Arsenic	4.50		0.14	0.547	mg/Kg-dry	1	11/22/2006
Barium	540		7.7	54.7	mg/Kg-dry	100	11/22/2006
Beryllium	0.747		0.033	0.547	mg/Kg-dry	1	11/22/2006
Cadmium	1.08		0.033	0.547	mg/Kg-dry	1	11/22/2006
Chromium	303		7.7	54.7	mg/Kg-dry	100	11/22/2006
Copper	43.6		0.044	0.547	mg/Kg-dry	1	11/22/2006
Lead	938		9.9	54.7	mg/Kg-dry	100	11/22/2006
Nickel	24.7		0.088	0.547	mg/Kg-dry	1	11/22/2006
Selenium	0.991		0.21	0.547	mg/Kg-dry	1	11/22/2006
Silver	0.0286	J	0.022	0.547	mg/Kg-dry	1	11/22/2006
Thallium	0.186	J	0.055	0.547	mg/Kg-dry	1	11/22/2006
Zinc	792		11	54.7	mg/Kg-dry	100	11/22/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	19.9		0.010	0.0100	wt%	1	11/18/2006

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P - Dual Column results RPD > 40%
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H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB82-12
Work Order:	0611317	**Collection Date:**	11/16/2006 9 02 00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-10	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep SW7471A / 11/27/06		Analyst: JCJ
Mercury	7.73	J	1.7	16.6	µg/Kg-dry	1	11/27/2006
ICP METALS			Method: SW6020		Prep SW3050A / 11/20/06		Analyst: ALR
Antimony	0.219	J	0 16	0.570	mg/Kg-dry	1	11/22/2006
Arsenic	2.95		0.16	0.570	mg/Kg-dry	1	11/22/2006
Barium	238		1.6	11.4	mg/Kg-dry	20	11/22/2006
Beryllium	0.985		0.034	0.570	mg/Kg-dry	1	11/22/2006
Cadmium	0.176	J	0.034	0.570	mg/Kg-dry	1	11/22/2006
Chromium	22.3		0.080	0.570	mg/Kg-dry	1	11/22/2006
Copper	10.5		0.046	0.570	mg/Kg-dry	1	11/22/2006
Lead	50.6		0.10	0.570	mg/Kg-dry	1	11/22/2006
Nickel	13.9		0.091	0.570	mg/Kg-dry	1	11/22/2006
Selenium	0.682		0.22	0.570	mg/Kg-dry	1	11/22/2006
Silver	U		0 023	0 570	mg/Kg-dry	1	11/22/2006
Thallium	0 187	J	0.057	0.570	mg/Kg-dry	1	11/22/2006
Zinc	61.4		2.3	11.4	mg/Kg-dry	20	11/22/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	22.3		0.010	0.0100	wt%	1	11/18/2006

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S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB82-18
Work Order:	0611317	**Collection Date:**	11/16/2006 9.04 00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-11	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/27/06		Analyst JCJ
Mercury	**6.85**	J	**1.8**	**17.1**	**µg/Kg-dry**	1	11/27/2006
ICP METALS			Method SW6020		Prep. SW3050A / 11/20/06		Analyst ALR
Antimony	U		0 16	0 579	mg/Kg-dry	1	11/22/2006
Arsenic	**3.40**		**0.16**	**0.579**	**mg/Kg-dry**	1	11/22/2006
Barium	**259**		**0.81**	**5.79**	**mg/Kg-dry**	10	11/22/2006
Beryllium	**1.07**		**0.035**	**0.579**	**mg/Kg-dry**	1	11/22/2006
Cadmium	**0.180**	J	**0.035**	**0.579**	**mg/Kg-dry**	1	11/22/2006
Chromium	**13.5**		**0.081**	**0.579**	**mg/Kg-dry**	1	11/22/2006
Copper	**8.47**		**0.046**	**0.579**	**mg/Kg-dry**	1	11/22/2006
Lead	**22.8**		**0.10**	**0.579**	**mg/Kg-dry**	1	11/22/2006
Nickel	**18.4**		**0.093**	**0.579**	**mg/Kg-dry**	1	11/22/2006
Selenium	**0.933**		**0.22**	**0.579**	**mg/Kg-dry**	1	11/22/2006
Silver	U		0 023	0.579	mg/Kg-dry	1	11/22/2006
Thallium	**0.250**	J	**0.058**	**0.579**	**mg/Kg-dry**	1	11/22/2006
Zinc	**34.0**		**1.2**	**5.79**	**mg/Kg-dry**	10	11/22/2006
TCL VOLATILE ORGANICS			Method SW8260				Analyst HLBW
1,1,1-Trichloroethane	U		0 75	5 3	µg/Kg-dry	0.816	11/28/2006
1,1,2,2-Tetrachloroethane	U		0.53	5.3	µg/Kg-dry	0.816	11/28/2006
1,1,2-Trichloroethane	U		0 53	5 3	µg/Kg-dry	0 816	11/28/2006
1,1-Dichloroethane	U		0 85	5.3	µg/Kg-dry	0.816	11/28/2006
1,1-Dichloroethene	U		1 1	5.3	µg/Kg-dry	0 816	11/28/2006
1,2-Dichloroethane	U		0 64	5 3	µg/Kg-dry	0 816	11/28/2006
1,2-Dichloropropane	U		0 64	5 3	µg/Kg-dry	0.816	11/28/2006
2-Butanone	U		0 75	11	µg/Kg-dry	0.816	11/28/2006
Benzene	U		0 64	5 3	µg/Kg-dry	0 816	11/28/2006
Bromoform	U		0 53	11	µg/Kg-dry	0.816	11/28/2006
Bromomethane	U		1.1	11	µg/Kg-dry	0 816	11/28/2006
Carbon tetrachloride	U		1 1	5 3	µg/Kg-dry	0 816	11/28/2006
Chlorobenzene	U		0 75	5 3	µg/Kg-dry	0 816	11/28/2006
Chloroethane	U		1.7	11	µg/Kg-dry	0 816	11/28/2006
Chloroform	U		0 96	5 3	µg/Kg-dry	0 816	11/28/2006
Chloromethane	U		1 2	11	µg/Kg-dry	0 816	11/28/2006
cis-1,3-Dichloropropene	U		0.64	5 3	µg/Kg-dry	0.816	11/28/2006
Dichloromethane	U		3.2	11	µg/Kg-dry	0 816	11/28/2006
Ethylbenzene	U		0 85	5.3	µg/Kg-dry	0 816	11/28/2006
Tetrachloroethene	U		0.64	5 3	µg/Kg-dry	0 816	11/28/2006
Toluene	U		0 64	5 3	µg/Kg-dry	0 816	11/28/2006
trans-1,2-Dichloroethene	U		1 1	5 3	µg/Kg-dry	0 816	11/28/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB82-18
Work Order:	0611317	**Collection Date:**	11/16/2006 9:04.00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-11	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0 64	5.3	µg/Kg-dry	0 816	11/28/2006
Trichloroethene	U		0 64	5 3	µg/Kg-dry	0.816	11/28/2006
Vinyl chloride	U		0 64	2.1	µg/Kg-dry	0 816	11/28/2006
Xylenes, Total	U		1 6	16	µg/Kg-dry	0 816	11/28/2006
Surr 1,2-Dichloroethane-d4	*97 0*			*70-128*	*%REC*	0.816	11/28/2006
Surr 4-Bromofluorobenzene	*89 0*			*73-126*	*%REC*	0 816	11/28/2006
Surr Dibromofluoromethane	*99 0*			*71-128*	*%REC*	0 816	11/28/2006
Surr Toluene-d8	*103*			*73-127*	*%REC*	0 816	11/28/2006
PERCENT MOISTURE		**Method E160.3**					**Analyst MAM**
Percent Moisture	**23.6**		**0.010**	**0.0100**	**wt%**	1	11/18/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB83-06
Work Order:	0611317	**Collection Date:**	11/16/2006 9:11.00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-13	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/27/06		Analyst JCJ
Mercury	95.2		1.7	15.8	µg/Kg-dry	1	11/27/2006
ICP METALS			Method SW6020		Prep SW3050A / 11/20/06		Analyst ALR
Antimony	10.6		0.16	0.585	mg/Kg-dry	1	11/22/2006
Arsenic	3.09		0.15	0.585	mg/Kg-dry	1	11/22/2006
Barium	1,530		16	117	mg/Kg-dry	200	11/22/2006
Beryllium	0.737		0.035	0.585	mg/Kg-dry	1	11/22/2006
Cadmium	2.35		0.035	0.585	mg/Kg-dry	1	11/22/2006
Chromium	1,060		16	117	mg/Kg-dry	200	11/22/2006
Copper	85.3		0.047	0.585	mg/Kg-dry	1	11/22/2006
Lead	3,870		21	117	mg/Kg-dry	200	11/22/2006
Nickel	56.0		0.094	0.585	mg/Kg-dry	1	11/22/2006
Selenium	0.753		0.22	0.585	mg/Kg-dry	1	11/22/2006
Silver	0.0682	J	0.023	0.585	mg/Kg-dry	1	11/22/2006
Thallium	0.191	J	0.058	0.585	mg/Kg-dry	1	11/22/2006
Zinc	2,160		23	117	mg/Kg-dry	200	11/22/2006
PERCENT MOISTURE			Method E160.3				Analyst MAM
Percent Moisture	17.7		0.010	0.0100	wt%	1	11/18/2006

Qualifiers.

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- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB83-12
Work Order:	0611317	**Collection Date:**	11/16/2006 9:12.00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-14	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/27/06		Analyst JCJ
Mercury	7.61	J	1.8	17.0	µg/Kg-dry	1	11/27/2006
ICP METALS			Method SW6020		Prep: SW3050A / 11/20/06		Analyst ALR
Antimony	U		0 17	0 596	mg/Kg-dry	1	11/22/2006
Arsenic	3.90		0.16	0.596	mg/Kg-dry	1	11/22/2006
Barium	271		0.84	5.96	mg/Kg-dry	10	11/22/2006
Beryllium	0.985		0.036	0.596	mg/Kg-dry	1	11/22/2006
Cadmium	0.180	J	0.036	0.596	mg/Kg-dry	1	11/22/2006
Chromium	17.4		0.84	5.96	mg/Kg-dry	10	11/22/2006
Copper	7.94		0.048	0.596	mg/Kg-dry	1	11/22/2006
Lead	27.0		1.1	5.96	mg/Kg-dry	10	11/22/2006
Nickel	16.6		0.095	0.596	mg/Kg-dry	1	11/22/2006
Selenium	0.882		0.23	0.596	mg/Kg-dry	1	11/22/2006
Silver	U		0 024	0 596	mg/Kg-dry	1	11/22/2006
Thallium	0.236	J	0.060	0.596	mg/Kg-dry	1	11/22/2006
Zinc	39.2		1.2	5.96	mg/Kg-dry	10	11/22/2006
PERCENT MOISTURE			Method E160.3				Analyst: MAM
Percent Moisture	22.4		0.010	0.0100	wt%	1	11/18/2006

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S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB83-18
Work Order:	0611317	**Collection Date:**	11/16/2006 9:13:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-15	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep SW7471A / 11/27/06		Analyst: JCJ
Mercury	**4.36**	J	**1.8**	**17.0**	**µg/Kg-dry**	1	11/27/2006
ICP METALS			Method SW6020		Prep. SW3050A / 11/20/06		Analyst ALR
Antimony	U		0 16	0.571	mg/Kg-dry	1	11/22/2006
Arsenic	**5.61**		**0.15**	**0.571**	**mg/Kg-dry**	1	11/22/2006
Barium	**311**		**0.80**	**5.71**	**mg/Kg-dry**	10	11/22/2006
Beryllium	**1.05**		**0.034**	**0.571**	**mg/Kg-dry**	1	11/22/2006
Cadmium	**0.198**	J	**0.034**	**0.571**	**mg/Kg-dry**	1	11/22/2006
Chromium	**26.5**		**0.80**	**5.71**	**mg/Kg-dry**	10	11/22/2006
Copper	**9.16**		**0.046**	**0.571**	**mg/Kg-dry**	1	11/22/2006
Lead	**64.8**		**1.0**	**5.71**	**mg/Kg-dry**	10	11/22/2006
Nickel	**20.5**		**0.091**	**0.571**	**mg/Kg-dry**	1	11/22/2006
Selenium	**0.848**		**0.22**	**0.571**	**mg/Kg-dry**	1	11/22/2006
Silver	U		0 023	0 571	mg/Kg-dry	1	11/22/2006
Thallium	**0.237**	J	**0.057**	**0.571**	**mg/Kg-dry**	1	11/22/2006
Zinc	**58.7**		**1.1**	**5.71**	**mg/Kg-dry**	10	11/22/2006
TCL VOLATILE ORGANICS			Method SW8260				Analyst HLBW
1,1,1-Trichloroethane	U		0 73	5.2	µg/Kg-dry	0 804	11/27/2006
1,1 2,2-Tetrachloroethane	U		0 52	5 2	µg/Kg-dry	0 804	11/27/2006
1,1,2-Trichloroethane	U		0 52	5 2	µg/Kg-dry	0 804	11/27/2006
1,1-Dichloroethane	U		0.83	5.2	µg/Kg-dry	0 804	11/27/2006
1,1-Dichloroethene	U		1 0	5.2	µg/Kg-dry	0 804	11/27/2006
1,2-Dichloroethane	U		0 62	5 2	µg/Kg-dry	0 804	11/27/2006
1,2-Dichloropropane	U		0 62	5.2	µg/Kg-dry	0.804	11/27/2006
2-Butanone	U		0 73	10	µg/Kg-dry	0 804	11/27/2006
Benzene	U		0 62	5 2	µg/Kg-dry	0 804	11/27/2006
Bromoform	U		0 52	10	µg/Kg-dry	0 804	11/27/2006
Bromomethane	U		1.0	10	µg/Kg-dry	0 804	11/27/2006
Carbon tetrachlonde	U		1.0	5.2	µg/Kg-dry	0 804	11/27/2006
Chlorobenzene	U		0 73	5.2	µg/Kg-dry	0 804	11/27/2006
Chloroethane	U		1 7	10	µg/Kg-dry	0 804	11/27/2006
Chloroform	U		0 93	5.2	µg/Kg-dry	0 804	11/27/2006
Chloromethane	U		1 1	10	µg/Kg-dry	0 804	11/27/2006
cis-1,3-Dichloropropene	U		0 62	5.2	µg/Kg-dry	0 804	11/27/2006
Dichloromethane	U		3.1	10	µg/Kg-dry	0 804	11/27/2006
Ethylbenzene	U		0 83	5.2	µg/Kg-dry	0 804	11/27/2006
Tetrachloroethene	U		0.62	5.2	µg/Kg-dry	0 804	11/27/2006
Toluene	U		0 62	5 2	µg/Kg-dry	0 804	11/27/2006
trans-1,2-Dichloroethene	U		1 0	5 2	µg/Kg-dry	0 804	11/27/2006

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P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB83-18
Work Order:	0611317	**Collection Date:**	11/16/2006 9:13 00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-15	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.62	5.2	µg/Kg-dry	0.804	11/27/2006
Trichloroethene	U		0 62	5 2	µg/Kg-dry	0 804	11/27/2006
Vinyl chloride	U		0 62	2 1	µg/Kg-dry	0 804	11/27/2006
Xylenes, Total	U		1 6	16	µg/Kg-dry	0 804	11/27/2006
Surr 1,2-Dichloroethane-d4	*100*			*70-128*	*%REC*	0 804	11/27/2006
Surr 4-Bromofluorobenzene	*87 8*			*73-126*	*%REC*	0 804	11/27/2006
Surr Dibromofluoromethane	*107*			*71-128*	*%REC*	0 804	11/27/2006
Surr Toluene-d8	*97 7*			*73-127*	*%REC*	0 804	11/27/2006
PERCENT MOISTURE		Method E160.3					Analyst **MAM**
Percent Moisture	**22.4**		**0.010**	**0.0100**	**wt%**	1	11/18/2006

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e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB84-06
Work Order:	0611317	**Collection Date:**	11/16/2006 10:28:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-17	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/27/06		Analyst: JCJ
Mercury	171		1.6	14.8	µg/Kg-dry	1	11/27/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/20/06		Analyst: ALR
Antimony	5.90		0.15	0.538	mg/Kg-dry	1	11/22/2006
Arsenic	3.09		0.14	0.538	mg/Kg-dry	1	11/22/2006
Barium	1,100		15	108	mg/Kg-dry	200	11/22/2006
Beryllium	0.694		0.032	0.538	mg/Kg-dry	1	11/22/2006
Cadmium	4.11		0.032	0.538	mg/Kg-dry	1	11/22/2006
Chromium	776		15	108	mg/Kg-dry	200	11/22/2006
Copper	74.5		0.043	0.538	mg/Kg-dry	1	11/22/2006
Lead	2,610		19	108	mg/Kg-dry	200	11/22/2006
Nickel	31.6		0.086	0.538	mg/Kg-dry	1	11/22/2006
Selenium	0.785		0.20	0.538	mg/Kg-dry	1	11/22/2006
Silver	0.0420	J	0.022	0.538	mg/Kg-dry	1	11/22/2006
Thallium	0.167	J	0.064	0.538	mg/Kg-dry	1	11/22/2006
Zinc	1,580		22	108	mg/Kg-dry	200	11/22/2006
PERCENT MOISTURE			Method: E160.3				Analyst: MAM
Percent Moisture	13.2		0.010	0.0100	wt%	1	11/18/2006

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- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB84-12
Work Order:	0611317	**Collection Date:**	11/16/2006 10:29:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-18	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method	**SW7471A**		Prep SW7471A / 11/27/06		Analyst **JCJ**
Mercury	**12.0**	J	**1.7**	**16.0**	**µg/Kg-dry**	1	**11/27/2006**
ICP METALS		Method	**SW6020**		Prep SW3050A / 11/20/06		Analyst **ALR**
Antimony	U		0.16	0.572	mg/Kg-dry	1	11/22/2006
Arsenic	**3.82**		**0.15**	**0.572**	**mg/Kg-dry**	1	**11/22/2006**
Barium	**244**		**0.80**	**5.72**	**mg/Kg-dry**	10	**11/22/2006**
Beryllium	**0.984**		**0.034**	**0.572**	**mg/Kg-dry**	1	**11/22/2006**
Cadmium	**0.315**	J	**0.034**	**0.572**	**mg/Kg-dry**	1	**11/22/2006**
Chromium	**17.3**		**0.80**	**5.72**	**mg/Kg-dry**	10	**11/22/2006**
Copper	**8.55**		**0.046**	**0.572**	**mg/Kg-dry**	1	**11/22/2006**
Lead	**39.1**		**1.0**	**5.72**	**mg/Kg-dry**	10	**11/22/2006**
Nickel	**16.2**		**0.092**	**0.572**	**mg/Kg-dry**	1	**11/22/2006**
Selenium	**0.792**		**0.22**	**0.572**	**mg/Kg-dry**	1	**11/22/2006**
Silver	U		0.023	0.572	mg/Kg-dry	1	11/22/2006
Thallium	**0.231**	J	**0.057**	**0.572**	**mg/Kg-dry**	1	**11/22/2006**
Zinc	**49.7**		**1.1**	**5.72**	**mg/Kg-dry**	10	**11/22/2006**
PERCENT MOISTURE		Method	**E160.3**				Analyst **MAM**
Percent Moisture	**17.5**		**0.010**	**0.0100**	**wt%**	1	**11/18/2006**

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H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB84-18
Work Order:	0611317	**Collection Date:**	11/16/2006 10.31.00 AM
Project:	CRI-Superfund Wiley. Texas		
Lab ID:	0611317-19	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method **SW7471A**		Prep SW7471A / 11/27/06		Analyst. **JCJ**
Mercury	**6.72**	J	**1.8**	**16.8**	**µg/Kg-dry**	1	11/27/2006
ICP METALS			Method **SW6020**		Prep. SW3050A / 11/21/06		Analyst **ALR**
Antimony	U		0 17	0.608	mg/Kg-dry	1	11/28/2006
Arsenic	**3.37**		**0.16**	**0.608**	**mg/Kg-dry**	1	11/28/2006
Barium	**302**		**4.3**	**30.4**	**mg/Kg-dry**	50	11/28/2006
Beryllium	**1.00**		**0.036**	**0.608**	**mg/Kg-dry**	1	11/28/2006
Cadmium	**0.264**	J	**0.036**	**0.608**	**mg/Kg-dry**	1	11/28/2006
Chromium	**14.0**		**0.085**	**0.608**	**mg/Kg-dry**	1	11/28/2006
Copper	**7.64**		**0.049**	**0.608**	**mg/Kg-dry**	1	11/28/2006
Lead	**16.4**		**0.11**	**0.608**	**mg/Kg-dry**	1	11/28/2006
Nickel	**16.1**		**0.097**	**0.608**	**mg/Kg-dry**	1	11/28/2006
Selenium	**0.873**		**0.23**	**0.608**	**mg/Kg-dry**	1	11/28/2006
Silver	**0 0960**	J	**0.024**	**0.608**	**mg/Kg-dry**	1	11/28/2006
Thallium	**0.317**	J	**0.061**	**0.608**	**mg/Kg-dry**	1	11/28/2006
Zinc	**30.0**		**0.12**	**0.608**	**mg/Kg-dry**	1	11/28/2006
TCL VOLATILE ORGANICS			Method **SW8260**				Analyst **HLBW**
1,1,1-Trichloroethane	U		0 73	5 2	µg/Kg-dry	0 821	11/27/2006
1,1,2,2-Tetrachloroethane	U		0.52	5 2	µg/Kg-dry	0 821	11/27/2006
1,1,2-Trichloroethane	U		0.52	5 2	µg/Kg-dry	0 821	11/27/2006
1,1-Dichloroethane	U		0 83	5 2	µg/Kg-dry	0 821	11/27/2006
1,1-Dichloroethene	U		1 0	5 2	µg/Kg-dry	0 821	11/27/2006
1,2-Dichloroethane	U		0 62	5 2	µg/Kg-dry	0 821	11/27/2006
1,2-Dichloropropane	U		0 62	5.2	µg/Kg-dry	0 821	11/27/2006
2-Butanone	U		0.73	10	µg/Kg-dry	0 821	11/27/2006
Benzene	U		0.62	5 2	µg/Kg-dry	0.821	11/27/2006
Bromoform	U		0 52	10	µg/Kg-dry	0 821	11/27/2006
Bromomethane	U		1.0	10	µg/Kg-dry	0 821	11/27/2006
Carbon tetrachloride	U		1 0	5.2	µg/Kg-dry	0 821	11/27/2006
Chlorobenzene	U		0 73	5 2	µg/Kg-dry	0 821	11/27/2006
Chloroethane	U		1 7	10	µg/Kg-dry	0 821	11/27/2006
Chloroform	U		0 93	5.2	µg/Kg-dry	0 821	11/27/2006
Chloromethane	U		1 1	10	µg/Kg-dry	0 821	11/27/2006
cis-1,3-Dichloropropene	U		0 62	5.2	µg/Kg-dry	0 821	11/27/2006
Dichloromethane	U		3 1	10	µg/Kg-dry	0 821	11/27/2006
Ethylbenzene	U		0 83	5.2	µg/Kg-dry	0 821	11/27/2006
Tetrachloroethene	U		0 62	5 2	µg/Kg-dry	0 821	11/27/2006
Toluene	U		0 62	5 2	µg/Kg-dry	0 821	11/27/2006
trans-1,2-Dichloroethene	U		1 0	5 2	µg/Kg-dry	0 821	11/27/2006

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E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB84-18
Work Order:	0611317	**Collection Date:**	11/16/2006 10.31 00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-19	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0 62	5.2	µg/Kg-dry	0.821	11/27/2006
Trichloroethene	U		0 62	5 2	µg/Kg-dry	0 821	11/27/2006
Vinyl chloride	U		0 62	2 1	µg/Kg-dry	0 821	11/27/2006
Xylenes, Total	U		1 6	16	µg/Kg-dry	0 821	11/27/2006
Surr 1,2-Dichloroethane-d4	*101*			*70-128*	*%REC*	0 821	11/27/2006
Surr 4-Bromofluorobenzene	*88 1*			*73-126*	*%REC*	0 821	11/27/2006
Surr Dibromofluoromethane	*101*			*71-128*	*%REC*	0 821	11/27/2006
Surr Toluene-d8	*95 0*			*73-127*	*%REC*	0 821	11/27/2006
PERCENT MOISTURE		Method	E160 3				Analyst **MAM**
Percent Moisture	**20.9**		**0.010**	**0.0100**	**wt%**	1	11/18/2006

Qualifiers

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P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB85-06
Work Order:	0611317	**Collection Date:**	11/16/2006 10:45:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-21	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method	SW7471A		Prep: SW7471A / 11/27/06		Analyst JCJ
Mercury	970		3.2	30.4	µg/Kg-dry	2	11/27/2006
ICP METALS		Method	SW6020		Prep SW3050A / 11/20/06		Analyst ALR
Antimony	6.56		0.15	0.526	mg/Kg-dry	1	11/23/2006
Arsenic	3.00		0.14	0.526	mg/Kg-dry	1	11/23/2006
Barium	1,020		7.4	52.6	mg/Kg-dry	100	11/22/2006
Beryllium	0.324	J	0.032	0.526	mg/Kg-dry	1	11/23/2006
Cadmium	2.19		0.032	0.526	mg/Kg-dry	1	11/23/2006
Chromium	1,040		7.4	52.6	mg/Kg-dry	100	11/22/2006
Copper	95.1		0.042	0.526	mg/Kg-dry	1	11/23/2006
Lead	3,500		9.5	52.6	mg/Kg-dry	100	11/22/2006
Nickel	15.9		0.084	0.526	mg/Kg-dry	1	11/23/2006
Selenium	0.556		0.20	0.526	mg/Kg-dry	1	11/23/2006
Silver	0.0868	J	0.021	0.526	mg/Kg-dry	1	11/23/2006
Thallium	0.0905	J	0.053	0.526	mg/Kg-dry	1	11/23/2006
Zinc	2,770		11	52.6	mg/Kg-dry	100	11/22/2006
PERCENT MOISTURE		Method:	E160.3				Analyst MAM
Percent Moisture	13.6		0.010	0.0100	wt%	1	11/18/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB85-12
Work Order:	0611317	**Collection Date:**	11/16/2006 10:47:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-22	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/27/06		Analyst JCJ
Mercury	11.2	J	1.7	16.2	µg/Kg-dry	1	11/27/2006
ICP METALS			Method SW6020		Prep SW3050A / 11/21/06		Analyst ALR
Antimony	U		0.16	0.562	mg/Kg-dry	1	11/28/2006
Arsenic	2.02		0.15	0.562	mg/Kg-dry	1	11/28/2006
Barium	185		0.079	0.562	mg/Kg-dry	1	11/28/2006
Beryllium	0.851		0.034	0.562	mg/Kg-dry	1	11/28/2006
Cadmium	0.169	J	0.034	0.562	mg/Kg-dry	1	11/28/2006
Chromium	13.1		0.079	0.562	mg/Kg-dry	1	11/28/2006
Copper	45.6		0.045	0.562	mg/Kg-dry	1	11/28/2006
Lead	34.0		0.10	0.562	mg/Kg-dry	1	11/28/2006
Nickel	11.8		0.090	0.562	mg/Kg-dry	1	11/28/2006
Selenium	0.706		0.21	0.562	mg/Kg-dry	1	11/28/2006
Silver	0.0856	J	0.022	0.562	mg/Kg-dry	1	11/28/2006
Thallium	0.209	J	0.056	0.562	mg/Kg-dry	1	11/28/2006
Zinc	44.4		0.11	0.562	mg/Kg-dry	1	11/28/2006
PERCENT MOISTURE			Method E160.3				Analyst MAM
Percent Moisture	20.6		0.010	0.0100	wt%	1	11/18/2006

Qualifiers.	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	SB85-18
Work Order:	0611317	**Collection Date:**	11/16/2006 10:50:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-23	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method SW7471A		Prep SW7471A / 11/27/06		Analyst JCJ
Mercury	12.0	J	1.7	16.4	µg/Kg-dry	1	11/27/2006
ICP METALS			Method SW6020		Prep SW3050A / 11/21/06		Analyst: ALR
Antimony	U		0.17	0.594	mg/Kg-dry	1	11/28/2006
Arsenic	2.86		0.16	0.594	mg/Kg-dry	1	11/28/2006
Barium	161		0.083	0.594	mg/Kg-dry	1	11/28/2006
Beryllium	0.879		0.036	0.594	mg/Kg-dry	1	11/28/2006
Cadmium	0.242	J	0.036	0.594	mg/Kg-dry	1	11/28/2006
Chromium	14.0		0.083	0.594	mg/Kg-dry	1	11/28/2006
Copper	10.1		0.047	0.594	mg/Kg-dry	1	11/28/2006
Lead	38.5		0.11	0.594	mg/Kg-dry	1	11/28/2006
Nickel	9.41		0.095	0.594	mg/Kg-dry	1	11/28/2006
Selenium	0.717		0.23	0.594	mg/Kg-dry	1	11/28/2006
Silver	0.0986	J	0.024	0.594	mg/Kg-dry	1	11/28/2006
Thallium	0.211	J	0.059	0.594	mg/Kg-dry	1	11/28/2006
Zinc	42.8		0.12	0.594	mg/Kg-dry	1	11/28/2006
TCL VOLATILE ORGANICS			Method SW8260				Analyst HLBW
1,1,1-Trichloroethane	2.3	J	0.67	4.8	µg/Kg-dry	0.76	11/27/2006
1,1,2,2-Tetrachloroethane	U		0.48	4.8	µg/Kg-dry	0.76	11/27/2006
1,1,2-Trichloroethane	U		0.48	4.8	µg/Kg-dry	0.76	11/27/2006
1,1-Dichloroethane	U		0.77	4.8	µg/Kg-dry	0.76	11/27/2006
1,1-Dichloroethene	U		0.96	4.8	µg/Kg-dry	0.76	11/27/2006
1,2-Dichloroethane	U		0.57	4.8	µg/Kg-dry	0.76	11/27/2006
1,2-Dichloropropane	U		0.57	4.8	µg/Kg-dry	0.76	11/27/2006
2-Butanone	U		0.67	9.6	µg/Kg-dry	0.76	11/27/2006
Benzene	U		0.57	4.8	µg/Kg-dry	0.76	11/27/2006
Bromoform	U		0.48	9.6	µg/Kg-dry	0.76	11/27/2006
Bromomethane	U		0.96	9.6	µg/Kg dry	0.76	11/27/2006
Carbon tetrachloride	U		0.96	4.8	µg/Kg-dry	0.76	11/27/2006
Chlorobenzene	U		0.67	4.8	µg/Kg-dry	0.76	11/27/2006
Chloroethane	U		1.5	9.6	µg/Kg-dry	0.76	11/27/2006
Chloroform	U		0.86	4.8	µg/Kg-dry	0.76	11/27/2006
Chloromethane	U		1.1	9.6	µg/Kg-dry	0.76	11/27/2006
cis-1,3-Dichloropropene	U		0.57	4.8	µg/Kg-dry	0.76	11/27/2006
Dichloromethane	U		2.9	9.6	µg/Kg-dry	0.76	11/27/2006
Ethylbenzene	U		0.77	4.8	µg/Kg-dry	0.76	11/27/2006
Tetrachloroethene	U		0.57	4.8	µg/Kg-dry	0.76	11/27/2006
Toluene	U		0.57	4.8	µg/Kg-dry	0.76	11/27/2006
trans-1,2-Dichloroethene	U		0.96	4.8	µg/Kg-dry	0.76	11/27/2006

Qualifiers.

- U - Analyzed for but Not Detected
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB85-18
Work Order:	0611317	**Collection Date:**	11/16/2006 10:50.00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-23	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0 57	4.8	µg/Kg-dry	0 76	11/27/2006
Trichloroethene	U		0.57	4.8	µg/Kg-dry	0 76	11/27/2006
Vinyl chloride	U		0 57	1.9	µg/Kg-dry	0 76	11/27/2006
Xylenes, Total	**6.1**	J	**1.4**	**14**	**µg/Kg-dry**	0 76	11/27/2006
Surr 1,2-Dichloroethane-d4	*106*			*70-128*	*%REC*	0 76	11/27/2006
Surr 4-Bromofluorobenzene	*98 1*			*73-126*	*%REC*	0 76	11/27/2006
Surr Dibromofluoromethane	*105*			*71-128*	*%REC*	0 76	11/27/2006
Surr Toluene-d8	*102*			*73-127*	*%REC*	0 76	11/27/2006
PERCENT MOISTURE			**Method E160.3**				Analyst **MAM**
Percent Moisture	**20.5**		**0.010**	**0.0100**	**wt%**	1	11/18/2006

Qualifiers:

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* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB85-06 DS-17
Work Order:	0611317	**Collection Date:**	11/16/2006 10:45:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-25	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method	SW7471A		Prep SW7471A / 11/27/06		Analyst JCJ
Mercury	1,300		8.6	81.4	µg/Kg-dry	5	11/27/2006
ICP METALS		Method	SW6020		Prep SW3050A / 11/21/06		Analyst ALR
Antimony	17.3		0.16	0.584	mg/Kg-dry	1	11/28/2006
Arsenic	3.61		0.15	0.584	mg/Kg-dry	1	11/28/2006
Barium	1,680		16	117	mg/Kg-dry	200	11/28/2006
Beryllium	0.180	J	0.035	0.584	mg/Kg-dry	1	11/28/2006
Cadmium	3.11		0.035	0.584	mg/Kg-dry	1	11/28/2006
Chromium	2,470		16	117	mg/Kg-dry	200	11/28/2006
Copper	172		0.047	0.584	mg/Kg-dry	1	11/28/2006
Lead	9,080		21	117	mg/Kg-dry	200	11/28/2006
Nickel	20.4		0.093	0.584	mg/Kg-dry	1	11/28/2006
Selenium	0.545	J	0.22	0.584	mg/Kg-dry	1	11/28/2006
Silver	0.261	J	0.023	0.584	mg/Kg-dry	1	11/28/2006
Thallium	0.167	J	0.058	0.584	mg/Kg-dry	1	11/28/2006
Zinc	7,600		23	117	mg/Kg-dry	200	11/28/2006
PERCENT MOISTURE		Method	E160.3				Analyst MAM
Percent Moisture	19.9		0.010	0.0100	wt%	1	11/18/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB85-18 DS-18
Work Order:	0611317	**Collection Date:**	11/16/2006 10:50:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-26	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		Method: **SW8260**					Analyst **HLBW**
1 1,1-Trichloroethane	U		0 64	4 6	µg/Kg-dry	0 743	11/28/2006
1,1,2,2-Tetrachloroethane	U		0.46	4 6	µg/Kg-dry	0 743	11/28/2006
1,1,2-Trichloroethane	U		0 46	4 6	µg/Kg-dry	0 743	11/28/2006
1,1-Dichloroethane	U		0 74	4 6	µg/Kg-dry	0 743	11/28/2006
1,1-Dichloroethene	U		0 92	4.6	µg/Kg-dry	0 743	11/28/2006
1,2-Dichloroethane	U		0.55	4 6	µg/Kg-dry	0 743	11/28/2006
1,2-Dichloropropane	U		0 55	4 6	µg/Kg-dry	0 743	11/28/2006
2-Butanone	U		0 64	9 2	µg/Kg-dry	0 743	11/28/2006
Benzene	U		0 55	4 6	µg/Kg-dry	0 743	11/28/2006
Bromoform	U		0 46	9.2	µg/Kg-dry	0 743	11/28/2006
Bromomethane	U		0 92	9 2	µg/Kg-dry	0 743	11/28/2006
Carbon tetrachloride	U		0 92	4 6	µg/Kg-dry	0 743	11/28/2006
Chlorobenzene	U		0 64	4 6	µg/Kg-dry	0 743	11/28/2006
Chloroethane	U		1 5	9.2	µg/Kg-dry	0.743	11/28/2006
Chloroform	U		0 83	4 6	µg/Kg-dry	0 743	11/28/2006
Chloromethane	U		1 0	9 2	µg/Kg-dry	0 743	11/28/2006
cis-1,3-Dichloropropene	U		0 55	4 6	µg/Kg-dry	0 743	11/28/2006
Dichloromethane	U		2.8	9.2	µg/Kg-dry	0.743	11/28/2006
Ethylbenzene	U		0 74	4 6	µg/Kg-dry	0 743	11/28/2006
Tetrachloroethene	U		0 55	4 6	µg/Kg-dry	0.743	11/28/2006
Toluene	U		0 55	4 6	µg/Kg-dry	0.743	11/28/2006
trans-1,2-Dichloroethene	U		0.92	4 6	µg/Kg-dry	0 743	11/28/2006
trans-1,3-Dichloropropene	U		0 55	4.6	µg/Kg-dry	0 743	11/28/2006
Trichloroethene	U		0 55	4 6	µg/Kg-dry	0 743	11/28/2006
Vinyl chloride	U		0 55	1 8	µg/Kg-dry	0 743	11/28/2006
Xylenes, Total	**2.6**	J	**1.4**	**14**	**µg/Kg-dry**	0 743	11/28/2006
Surr 1,2-Dichloroethane-d4	*98 7*			*70-128*	*%REC*	0 743	11/28/2006
Surr 4-Bromofluorobenzene	*92 4*			*73-126*	*%REC*	0 743	11/28/2006
Surr Dibromofluoromethane	*98 3*			*71-128*	*%REC*	0 743	11/28/2006
Surr Toluene-d8	*96 0*			*73-127*	*%REC*	0 743	11/28/2006
PERCENT MOISTURE		Method **E160.3**					Analyst **PV**
Percent Moisture	**19.3**		**0.010**	**0.0100**	**wt%**	1	11/20/2006

Qualifiers:

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	RS-3
Work Order:	0611317	**Collection Date:**	11/16/2006 11:10:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-28	**Matrix:**	WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7470		Prep	SW7470 / 11/20/06	Analyst JCJ
Mercury	U		0.000042	0.000200	mg/L	1	11/20/2006
ICP METALS, TOTAL			Method: SW6020		Prep	SW3010A / 11/20/06	Analyst: SA
Antimony	U		0.0010	0.00500	mg/L	1	11/22/2006
Arsenic	U		0.0018	0.00500	mg/L	1	11/22/2006
Barium	U		0.00060	0.00500	mg/L	1	11/22/2006
Beryllium	U		0.00030	0.00200	mg/L	1	11/22/2006
Cadmium	U		0.00015	0.00200	mg/L	1	11/22/2006
Chromium	**0.00351**	J	**0.00060**	**0.00600**	**mg/L**	1	11/22/2006
Copper	U		0.00030	0.00500	mg/L	1	11/22/2006
Lead	U		0.00020	0.00500	mg/L	1	11/22/2006
Nickel	U		0.00030	0.00500	mg/L	1	11/22/2006
Selenium	U		0.0017	0.00500	mg/L	1	11/22/2006
Silver	U		0.00020	0.00500	mg/L	1	11/22/2006
Thallium	U		0.00040	0.00200	mg/L	1	11/22/2006
Zinc	**0.00202**	J	**0.0015**	**0.00500**	**mg/L**	1	11/22/2006
TCL VOLATILE ORGANICS			Method SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0.60	5.0	µg/L	1	11/21/2006
1,1,2,2-Tetrachloroethane	U		1.5	5.0	µg/L	1	11/21/2006
1,1,2-Trichloroethane	U		0.50	5.0	µg/L	1	11/21/2006
1,1-Dichloroethane	U		0.50	5.0	µg/L	1	11/21/2006
1,1-Dichloroethene	U		0.60	5.0	µg/L	1	11/21/2006
1,2-Dichloroethane	U		0.50	5.0	µg/L	1	11/21/2006
1,2-Dichloropropane	U		0.70	5.0	µg/L	1	11/21/2006
2-Butanone	U		0.80	10	µg/L	1	11/21/2006
Benzene	U		0.60	5.0	µg/L	1	11/21/2006
Bromoform	U		0.80	5.0	µg/L	1	11/21/2006
Bromomethane	U		0.50	5.0	µg/L	1	11/21/2006
Carbon tetrachloride	U		0.60	5.0	µg/L	1	11/21/2006
Chlorobenzene	U		0.50	5.0	µg/L	1	11/21/2006
Chloroethane	U		0.60	5.0	µg/L	1	11/21/2006
Chloroform	U		0.50	5.0	µg/L	1	11/21/2006
Chloromethane	U		0.50	5.0	µg/L	1	11/21/2006
cis-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/21/2006
Dichloromethane	U		0.60	10	µg/L	1	11/21/2006
Ethylbenzene	U		0.50	5.0	µg/L	1	11/21/2006
Tetrachloroethene	U		0.50	5.0	µg/L	1	11/21/2006
Toluene	U		0.50	5.0	µg/L	1	11/21/2006
trans-1,2-Dichloroethene	U		0.60	5.0	µg/L	1	11/21/2006

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	RS-3
Work Order:	0611317	**Collection Date:**	11/16/2006 11:10:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611317-28	**Matrix:**	WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/21/2006
Trichloroethene	U		0.70	5.0	µg/L	1	11/21/2006
Vinyl chloride	U		0.60	2.0	µg/L	1	11/21/2006
Xylenes, Total	U		1.5	15	µg/L	1	11/21/2006
Surr: 1,2-Dichloroethane-d4	*106*			*70-125*	*%REC*	1	11/21/2006
Surr: 4-Bromofluorobenzene	*113*			*72.4-125*	*%REC*	1	11/21/2006
Surr: Dibromofluoromethane	*103*			*71.2-125*	*%REC*	1	11/21/2006
Surr: Toluene-d8	*117*			*75-125*	*%REC*	1	11/21/2006

Qualifiers.

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

QC Batch Summary Report

Golder Associates, Inc.
CRI - Superfund
Work Order 0611317

Lab Order: 0611317
Client: Golder Associates, Inc
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611317-01A	SB80-06	11/16/2006 8 45 00 AM	Soil	ICP Metals		11/20/2006	20873	11/21/2006
				ICP Metals		11/20/2006	20873	11/22/2006
				ICP Metals		11/20/2006	20873	11/22/2006
				Mercury, Total		11/27/2006	20939	11/27/2006
				Percent Moisture			R44031	11/18/2006
0611317-02A	SB80-12	11/16/2006 8 46 00 AM		ICP Metals		11/20/2006	20873	11/21/2006
				ICP Metals		11/20/2006	20873	11/22/2006
				Mercury, Total		11/27/2006	20939	11/27/2006
				Percent Moisture			R44031	11/18/2006
0611317-03A	SB80-18	11/16/2006 8 47 00 AM		TCL Volatile Organics			R44258	11/28/2006
0611317-03B				ICP Metals		11/20/2006	20873	11/21/2006
				ICP Metals		11/20/2006	20873	11/22/2006
				Mercury, Total		11/27/2006	20939	11/27/2006
				Percent Moisture			R44031	11/18/2006
0611317-05A	SB81-06	11/16/2006 8 54 00 AM		ICP Metals		11/20/2006	20873	11/22/2006
				ICP Metals		11/20/2006	20873	11/22/2006
				Mercury, Total		11/27/2006	20939	11/27/2006
				Percent Moisture			R44031	11/18/2006
0611317-06A	SB81-12	11/16/2006 8 55 00 AM		ICP Metals		11/20/2006	20873	11/22/2006
				ICP Metals		11/20/2006	20873	11/22/2006
				Mercury, Total		11/27/2006	20939	11/27/2006
				Percent Moisture			R44031	11/18/2006
0611317-07A	SB81-18	11/16/2006 8 56 00 AM		TCL Volatile Organics			R44258	11/28/2006
0611317-07B				ICP Metals		11/20/2006	20873	11/22/2006
				ICP Metals		11/20/2006	20873	11/22/2006
				Mercury, Total		11/27/2006	20939	11/27/2006
				Percent Moisture			R44031	11/18/2006

Lab Order: 0611317
Client: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611317-09A	SB82-06	11/16/2006 9 01 00 AM	Soil	ICP Metals		11/20/2006	20873	11/22/2006
				ICP Metals		11/20/2006	20873	11/22/2006
				Mercury, Total		11/27/2006	20939	11/27/2006
				Percent Moisture			R44031	11/18/2006
0611317-10A	SB82-12	11/16/2006 9 02 00 AM		ICP Metals		11/20/2006	20873	11/22/2006
				ICP Metals		11/20/2006	20873	11/22/2006
				Mercury, Total		11/27/2006	20939	11/27/2006
				Percent Moisture			R44031	11/18/2006
0611317-11A	SB82-18	11/16/2006 9 04 00 AM		TCL Volatile Organics			R44258	11/28/2006
0611317-11B				ICP Metals		11/20/2006	20873	11/22/2006
				ICP Metals		11/20/2006	20873	11/22/2006
				Mercury Total		11/27/2006	20939	11/27/2006
				Percent Moisture			R44031	11/18/2006
0611317-13A	SB83-06	11/16/2006 9 11 00 AM		ICP Metals		11/20/2006	20873	11/22/2006
				ICP Metals		11/20/2006	20873	11/22/2006
				Mercury, Total		11/27/2006	20939	11/27/2006
				Percent Moisture			R44031	11/18/2006
0611317-14A	SB83-12	11/16/2006 9 12 00 AM		ICP Metals		11/20/2006	20873	11/22/2006
				ICP Metals		11/20/2006	20873	11/22/2006
				Mercury, Total		11/27/2006	20939	11/27/2006
				Percent Moisture			R44031	11/18/2006
0611317-15A	SB83-18	11/16/2006 9 13 00 AM		TCL Volatile Organics			R44204	11/27/2006
0611317-15B				ICP Metals		11/20/2006	20873	11/22/2006
				ICP Metals		11/20/2006	20873	11/22/2006
				Mercury, Total		11/27/2006	20939	11/27/2006
				Percent Moisture			R44031	11/18/2006
0611317-17A	SB84-06	11/16/2006 10 28 00 AM		ICP Metals		11/20/2006	20873	11/22/2006

Lab Order: 0611317
Client: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611317-17A	SB84-06	11/16/2006 10 28 00 AM	Soil	ICP Metals		11/20/2006	20873	11/22/2006
				Mercury, Total		11/27/2006	20939	11/27/2006
				Percent Moisture			R44031	11/18/2006
0611317-18A	SB84-12	11/16/2006 10 29 00 AM		ICP Metals		11/20/2006	20873	11/22/2006
				ICP Metals		11/20/2006	20873	11/22/2006
				Mercury, Total		11/27/2006	20939	11/27/2006
				Percent Moisture			R44031	11/18/2006
0611317-19A	SB84-18	11/16/2006 10 31 00 AM		TCL Volatile Organics			R44204	11/27/2006
0611317-19B				ICP Metals		11/21/2006	20896	11/28/2006
				ICP Metals		11/21/2006	20896	11/28/2006
				Mercury, Total		11/27/2006	20939	11/27/2006
				Percent Moisture			R44031	11/18/2006
0611317-21A	SB85-06	11/16/2006 10 45 00 AM		ICP Metals		11/20/2006	20873	11/22/2006
				ICP Metals		11/20/2006	20873	11/22/2006
				ICP Metals		11/20/2006	20873	11/23/2006
				Mercury, Total		11/27/2006	20939	11/27/2006
				Percent Moisture			R44031	11/18/2006
0611317-22A	SB85-12	11/16/2006 10 47 00 AM		ICP Metals		11/21/2006	20896	11/28/2006
				Mercury, Total		11/27/2006	20939	11/27/2006
				Percent Moisture			R44031	11/18/2006
0611317-23A	SB85-18	11/16/2006 10 50 00 AM		TCL Volatile Organics			R44204	11/27/2006
0611317-23B				ICP Metals		11/21/2006	20896	11/28/2006
				Mercury, Total		11/27/2006	20939	11/27/2006
				Percent Moisture			R44031	11/18/2006
0611317-25A	SB85-06 DS-17	11/16/2006 10 45 00 AM		ICP Metals		11/21/2006	20896	11/28/2006
				ICP Metals		11/21/2006	20896	11/28/2006
				Mercury, Total		11/27/2006	20939	11/27/2006

Lab Order: 0611317
Client: Golder Associates, Inc
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611317-25A	SB85-06 DS-17	11/16/2006 10 45 00 AM	Soil	Percent Moisture			R44031	11/18/2006
0611317-26A	SB85-18 DS-18	11/16/2006 10 50 00 AM		TCL Volatile Organics			R44258	11/28/2006
0611317-26B				Percent Moisture			R44085	11/20/2006
0611317-28A	RS-3	11/16/2006 11 10 00 AM	Water	TCL Volatile Organics			R44066	11/21/2006
0611317-28B				ICP Metals, Total		11/20/2006	20868	11/21/2006
				ICP Metals, Total		11/20/2006	20868	11/22/2006
				Mercury, Total		11/20/2006	20847	11/20/2006

e-Lab Analytical, Inc.

CLIENT: Golder Associates, Inc.
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

Date: *Dec 01 2006*

QC BATCH REPORT

Batch ID **20847** Instrument ID **Mercury** Method **SW7470**

MBLK Sample ID **GBLKW1-112006** Units **mg/L** Analysis Date: **11/20/06 17:05**
Client ID Run ID **MERCURY_061120A** SeqNo **1000571** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0 00020								

LCS Sample ID **GLCSW1-112006** Units **mg/L** Analysis Date **11/20/06 17:07**
Client ID Run ID. **MERCURY_061120A** SeqNo **1000572** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.0048	0 00020	0.005	0	96	85-115	0			

LCSD Sample ID **GLCSDW1-112006** Units **mg/L** Analysis Date **11/20/06 17:09**
Client ID Run ID **MERCURY_061120A** SeqNo **1000573** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0 00518	0 00020	0.005	0	104	85-115	0 0048	7 62	20	

MS Sample ID **0611325-02DMS** Units **mg/L** Analysis Date. **11/20/06 17:18**
Client ID Run ID **MERCURY_061120A** SeqNo **1000577** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0 00524	0 00020	0 005	0 000028	104	85-115	0			

MSD Sample ID **0611325-02DMSD** Units **mg/L** Analysis Date. **11/20/06 17:20**
Client ID Run ID **MERCURY_061120A** SeqNo **1000579** Prep Date **11/20/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0 00535	0 00020	0 005	0 000028	106	85-115	0 00524	2 08	20	

DUP Sample ID **0611325-02DDUP** Units **mg/L** Analysis Date **11/20/06 17:16**
Client ID Run ID **MERCURY_061120A** SeqNo **1000576** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0.00020	0	0	0	0-0	0 000028	0	20	

The following samples were analyzed in this batch: 0611317-28B

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20868** Instrument ID **ICP7500** Method. **SW6020**

MBLK Sample ID **MBLKW2-112006** Units **mg/L** Analysis Date. **11/21/06 13:18**
Client ID Run ID **ICP7500_061121A** SeqNo **1001003** Prep Date. **11/20/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.0050								
Arsenic	U	0 0050								
Barium	U	0.0050								
Beryllium	U	0.0020								
Cadmium	U	0 0020								
Chromium	U	0 0050								
Copper	U	0 0050								
Lead	U	0 0050								
Nickel	U	0 0050								
Selenium	U	0 0050								
Silver	U	0.0050								
Thallium	U	0 0020								
Zinc	U	0.0050								

LCS Sample ID **MLCSW2-112006** Units **mg/L** Analysis Date **11/21/06 13:24**
Client ID Run ID **ICP7500_061121A** SeqNo **1001004** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.0504	0 0050	0.05	0	101	79 5-121		0		
Arsenic	0.05014	0 0050	0 05	0	100	80-121		0		
Barium	0 04707	0.0050	0 05	0	94 1	79 8-119		0		
Beryllium	0 047	0 0020	0.05	0	94	78 9-120		0		
Cadmium	0 05077	0 0020	0 05	0	102	79 1-119		0		
Chromium	0 04878	0 0050	0 05	0	97 6	79 3-121		0		
Copper	0.04809	0 0050	0 05	0	96 2	81-120		0		
Lead	0 04693	0 0050	0 05	0	93.9	80-118		0		
Nickel	0 05054	0 0050	0 05	0	101	82-120		0		
Selenium	0 04976	0 0050	0 05	0	99 5	79 2-118		0		
Silver	0 04367	0 0050	0 05	0	87 3	80-117		0		
Thallium	0 0429	0 0020	0 05	0	85.8	78-120		0		
Zinc	0 05037	0 0050	0 05	0	101	79-118		0		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20868** Instrument ID **ICP7500** Method **SW6020**

MS Sample ID **0611267-04BMS** Units **mg/L** Analysis Date. **11/21/06 15:17**

Client ID Run ID **ICP7500_061121A** SeqNo **1001178** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0 04283	0 0050	0.05	0 0003212	85	79 5-121	0			
Arsenic	0.0543	0.0050	0.05	0 008982	90 6	80-121	0			
Barium	0.0552	0 0050	0.05	0 01052	89 4	79.8-119	0			
Beryllium	0 03106	0 0020	0.05	0.00001509	62.1	78 9-120	0			S
Cadmium	0 04174	0.0020	0.05	0.00004022	83 4	79.1-119	0			
Chromium	0 04844	0 0050	0 05	0 001435	94	79 3-121	0			
Copper	0 04265	0 0050	0 05	0 002968	79 4	80-120	0			S
Lead	0 04866	0.0050	0 05	0 0002903	96 7	80-118	0			
Nickel	0 04663	0 0050	0.05	0.003553	86.2	82-120	0			
Selenium	0.05449	0.0050	0.05	0 005461	98 1	79 2-118	0			
Silver	0 03298	0.0050	0 05	0 0001075	65 7	80-117	0			S
Thallium	0 0447	0 0020	0.05	0 0001394	89 1	78-120	0			
Zinc	0.05382	0 0050	0 05	0.0129	81 8	79-118	0			

MSD Sample ID **0611267-04BMSD** Units **mg/L** Analysis Date **11/21/06 15:23**

Client ID Run ID **ICP7500_061121A** SeqNo **1001179** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0 0433	0 0050	0 05	0 0003212	86	79 5-121	0 04283	1 09	15	
Arsenic	0 0558	0 0050	0 05	0.008982	93.6	80-121	0 0543	2 72	15	
Barium	0 05753	0 0050	0 05	0 01052	94	79 8-119	0 0552	4 13	15	
Beryllium	0 03112	0 0020	0 05	0.00001509	62.2	78 9-120	0.03106	0 193	15	S
Cadmium	0.04311	0 0020	0 05	0 00004022	86 1	79.1-119	0 04174	3.23	15	
Chromium	0 04878	0 0050	0 05	0 001435	94 7	79.3-121	0 04844	0 699	15	
Copper	0 04384	0 0050	0 05	0 002968	81 7	81-120	0.04265	2 75	15	
Lead	0 05057	0 0050	0 05	0.0002903	101	80-118	0 04866	3 85	15	
Nickel	0 0468	0.0050	0 05	0 003553	86 5	82-120	0 04663	0 364	15	
Selenium	0.05682	0 0050	0 05	0 005461	103	79.2-118	0 05449	4 19	15	
Silver	0 03376	0 0050	0.05	0 0001075	67 3	80-117	0 03298	2 34	15	S
Thallium	0.04588	0 0020	0 05	0 0001394	91 5	78-120	0 0447	2 61	15	
Zinc	0 05455	0 0050	0 05	0 0129	83 3	79-118	0 05382	1.35	15	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20868** Instrument ID **ICP7500** Method **SW6020**

DUP Sample ID **0611267-04BDUP** Units **mg/L** Analysis Date **11/21/06 15:11**
Client ID Run ID. **ICP7500_061121A** SeqNo **1001177** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0 0050	0	0	0	0-0	0.0003212	0	25	
Arsenic	0 009486	0.0050	0	0	0	0-0	0 008982	5 46	25	
Barium	0 01048	0 0050	0	0	0	0-0	0 01052	0 381	25	
Beryllium	U	0 0020	0	0	0	0-0	0 00001509	0	25	
Cadmium	U	0 0020	0	0	0	0-0	0.00004022	0	25	
Chromium	0 00261	0 0050	0	0	0	0-0	0.001435	0	25	J
Copper	0 00302	0 0050	0	0	0	0-0	0.002968	0	25	J
Lead	0 00022	0 0050	0	0	0	0-0	0.0002903	0	25	J
Nickel	0 003603	0 0050	0	0	0	0-0	0 003553	0	25	J
Selenium	0 004286	0.0050	0	0	0	0-0	0 005461	0	25	J
Silver	U	0.0050	0	0	0	0-0	0.0001075	0	25	
Thallium	U	0 0020	0	0	0	0-0	0 0001394	0	25	
Zinc	0 0123	0.0050	0	0	0	0-0	0.0129	4 76	25	

PDS Sample ID **0611267-04BBS** Units **mg/L** Analysis Date **11/21/06 15:29**
Client ID Run ID **ICP7500_061121A** SeqNo **1001180** Prep Date: DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0 06429	0 0050	0.1	0 0003212	64	75-125	0			S
Arsenic	0.09925	0 0050	0.1	0 008982	90.3	75-125	0			
Barium	0 1011	0 0050	0 1	0 01052	90.6	75-125	0			
Beryllium	0 05945	0 0020	0 1	0 00001509	59 4	75-125	0			S
Cadmium	0 08351	0 0020	0 1	0 00004022	83 5	75-125	0			
Chromium	0 09312	0 0050	0 1	0 001435	91 7	75-125	0			
Copper	0 08111	0 0050	0 1	0 002968	78 1	75-125	0			
Lead	0 09686	0.0050	0.1	0.0002903	96 6	75-125	0			
Nickel	0 08867	0 0050	0 1	0 003553	85 1	75-125	0			
Selenium	0 1061	0.0050	0 1	0 005461	101	75-125	0			
Silver	0 06463	0 0050	0 1	0.0001075	64.5	75-125	0			S
Thallium	0 09659	0 0020	0 1	0 0001394	96 5	75-125	0			
Zinc	0 0932	0 0050	0 1	0 0129	80 3	75-125	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20888** Instrument ID **ICP7500** Method **SW6020**

SD Sample ID **0611267-04B DIL** Units **mg/L** Analysis Date **11/21/06 15:35**

Client ID Run ID **ICP7500_061121A** SeqNo. **1001181** Prep Date DF **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.008645	0.025	0	0	0	0-0	0.0003212	0	10	J
Arsenic	0.02048	0.025	0	0	0	0-0	0.008982	0	10	J
Barium	0.01454	0.025	0	0	0	0-0	0.01052	0	10	J
Beryllium	U	0.010	0	0	0	0-0	0.00001509	0	10	
Cadmium	U	0.010	0	0	0	0-0	0.00004022	0	10	
Chromium	0.01392	0.025	0	0	0	0-0	0.001435	0	10	J
Copper	0.00429	0.025	0	0	0	0-0	0.002968	0	10	J
Lead	U	0.025	0	0	0	0-0	0.0002903	0	10	
Nickel	0.004462	0.025	0	0	0	0-0	0.003553	0	10	J
Selenium	0.01251	0.025	0	0	0	0-0	0.005461	0	10	J
Silver	U	0.025	0	0	0	0-0	0.0001075	0	10	
Thallium	U	0.010	0	0	0	0-0	0.0001394	0	10	
Zinc	0.01525	0.025	0	0	0	0-0	0.0128	0	10	J

The following samples were analyzed in this batch: 0611317-28B

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20873** Instrument ID **ICPMS02** Method. **SW6020**

MBLK Sample ID **MBLKS3-112006** Units **mg/Kg** Analysis Date **11/21/06 21:58**
Client ID Run ID **ICPMS02_061121A** SeqNo **1001559** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.50								
Arsenic	0 1541	0 50								J
Barium	U	0.50								
Cadmium	0 03398	0 50								J
Chromium	0.07703	0 50								J
Copper	U	0 50								
Lead	0 116	0 50								J
Nickel	U	0 50								
Selenium	U	0 50								
Silver	U	0 50								
Thallium	0 0675	0 50								J

MBLK Sample ID **MBLKS3-112006** Units **mg/Kg** Analysis Date **11/22/06 13:27**
Client ID Run ID **ICPMS02_061122A** SeqNo **1001996** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Beryllium	U	0 50								
Zinc	0 175	0 50								J

LCS Sample ID **MLCSS3-112006** Units **mg/Kg** Analysis Date **11/21/06 22:04**
Client ID Run ID **ICPMS02_061121A** SeqNo **1001560** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	9 063	0 50	10	0	90.6	80-120		0		
Arsenic	9 08	0 50	10	0	90.8	80-120		0		
Barium	9 501	0 50	10	0	95	80-120		0		
Cadmium	9 539	0.50	10	0	95.4	80-120		0		
Chromium	10 35	0 50	10	0	104	80-120		0		
Copper	9 317	0.50	10	0	93 2	80-120		0		
Lead	9 727	0 50	10	0	97 3	80-120		0		
Nickel	9 558	0 50	10	0	95 6	80-120		0		
Selenium	8 834	0 50	10	0	88 3	80-120		0		
Silver	9 139	0 50	10	0	91 4	80-120		0		
Thallium	9 02	0 50	10	0	90.2	80-120		0		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20873** Instrument ID **ICPMS02** Method **SW6020**

LCS Sample ID **MLCSS3-112006** Units **mg/Kg** Analysis Date: **11/22/06 13:33**
Client ID Run ID **ICPMS02_061122A** SeqNo **1001997** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Beryllium	9 73	0.50	10	0	97 3	80-120	0			
Zinc	9 916	0.50	10	0	99.2	80-120	0			

MS Sample ID **0611317-21AMS** Units **mg/Kg** Analysis Date **11/22/06 2:40**
Client ID **SB85-06** Run ID **ICPMS02_061121A** SeqNo: **1001719** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	4.198	0 46	9 091	0 6261	39 3	75-125	0			S
Arsenic	8 395	0 46	9 091	2 905	60 4	75-125	0			S
Barium	566.9	0 46	9.091	209.6	3930	75-125	0			SEO
Beryllium	7 818	0 46	9 091	0 6231	79 1	75-125	0			
Cadmium	8.584	0.46	9 091	0.9255	84 2	75-125	0			
Chromium	742 6	0.46	9 091	313.7	4720	75-125	0			SEO
Copper	86 9	0 46	9 091	53 19	371	75-125	0			SEO
Lead	2587	0 46	9 091	1397	13100	75-125	0			SEO
Nickel	19 35	0 46	9 091	11.18	89 9	75-125	0			
Selenium	5 538	0 46	9 091	0 6685	53 6	75-125	0			S
Silver	7.313	0 46	9 091	0 01917	80.2	75-125	0			
Thallium	6 917	0 46	9 091	0 1823	74 1	75-125	0			S
Zinc	1448	0 46	9 091	584 1	9500	75-125	0			SEO

MSD Sample ID **0611317-21AMSD** Units **mg/Kg** Analysis Date **11/22/06 2:46**
Client ID **SB85-06** Run ID **ICPMS02_061121A** SeqNo **1001720** Prep Date: **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	6 646	0 46	9 091	0 6261	66.2	75-125	4.198	45 2	25	SR
Arsenic	8 11	0 46	9 091	2 905	57.2	75-125	8 395	3 45	25	S
Barium	672 9	0 46	9.091	209.6	5100	75-125	566.9	17 1	25	SEO
Beryllium	7 936	0.46	9 091	0 6231	80 4	75-125	7 818	1.5	25	
Cadmium	8 835	0 46	9 091	0 9255	87	75-125	8 584	2.89	25	
Chromium	853	0 46	9.091	313.7	5930	75-125	742 6	13 8	25	SEO
Copper	89 52	0 46	9.091	53 19	400	75-125	86 9	2 97	25	SEO
Lead	2705	0 46	9.091	1397	14400	75-125	2587	4.43	25	SEO
Nickel	21 45	0 46	9 091	11.18	113	75-125	19 35	10 3	25	
Selenium	5 164	0 46	9.091	0 6685	49 4	75-125	5 538	7	25	S
Silver	7.51	0 46	9 091	0 01917	82 4	75-125	7 313	2 66	25	
Thallium	7 127	0 46	9 091	0 1823	76 4	75-125	6 917	2 99	25	
Zinc	1905	0 46	9 091	584 1	14500	75-125	1448	27 2	25	SREO

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20873** Instrument ID **ICPMS02** Method **SW6020**

DUP Sample ID **0611317-21ADUP** Units **mg/Kg** Analysis Date **11/22/06 19:42**
Client ID **SB85-06** Run ID **ICPMS02_061122A** SeqNo **1002427** Prep Date **11/20/2006** DF **100**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	830 7	46	0	0	0	0-0	884 4	6 25	25	
Chromium	835 1	46	0	0	0	0-0	900 1	7 49	25	
Lead	2825	46	0	0	0	0-0	3021	6 72	25	
Zinc	2234	46	0	0	0	0-0	2396	7 03	25	

DUP Sample ID **0611317-21ADUP** Units **mg/Kg** Analysis Date **11/23/06 6:35**
Client ID **SB85-06** Run ID **ICPMS02_061122A** SeqNo **1002769** Prep Date **11/20/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	5 61	0 46	0	0	0	0-0	5 669	1.05	25	
Arsenic	2 567	0 46	0	0	0	0-0	2 596	1 13	25	
Beryllium	0 2856	0 46	0	0	0	0-0	0 2796	0	25	J
Cadmium	1 905	0 46	0	0	0	0-0	1 893	0 67	25	
Copper	81.34	0 46	0	0	0	0-0	82 18	1 03	25	
Nickel	13.8	0 46	0	0	0	0-0	13 78	0 132	25	
Selenium	0 4514	0 46	0	0	0	0-0	0 4802	0	25	J
Silver	0 09318	0 46	0	0	0	0-0	0 07505	0	25	J
Thallium	0 08963	0 46	0	0	0	0-0	0 07825	0	25	J

PDS Sample ID **0611317-21ABS** Units **mg/Kg** Analysis Date **11/22/06 19:54**
Client ID **SB85-06** Run ID **ICPMS02_061122A** SeqNo **1002429** Prep Date DF **100**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	1729	46	909 1	884 4	92 9	75-125	0			
Chromium	1740	46	909.1	900 1	92 4	75-125	0			
Lead	3835	46	909 1	3021	89 5	75-125	0			
Zinc	3207	46	909 1	2396	89.2	75-125	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20873** Instrument ID **ICPMS02** Method **SW6020**

PDS Sample ID **0611317-21ABS** Units **mg/Kg** Analysis Date **11/23/06 6:46**
Client ID **SB85-06** Run ID **ICPMS02_061122A** SeqNo **1002771** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	14.05	0.46	9.091	5.689	92.1	75-125	0			
Arsenic	11.6	0.46	9.091	2.596	99	75-125	0			
Beryllium	8.341	0.46	9.091	0.2796	88.7	75-125	0			
Cadmium	9.818	0.46	9.091	1.893	87.2	75-125	0			
Copper	89.66	0.46	9.091	82.18	82.3	75-125	0			O
Nickel	22.28	0.46	9.091	13.78	93.5	75-125	0			
Selenium	9.127	0.46	9.091	0.4802	95.1	75-125	0			
Silver	8.469	0.46	9.091	0.07505	92.3	75-125	0			
Thallium	8.881	0.46	9.091	0.07825	96.8	75-125	0			

SD Sample ID **0611317-21A DIL** Units **mg/Kg** Analysis Date **11/22/06 19:48**
Client ID **SB85-06** Run ID **ICPMS02_061122A** SeqNo **1002428** Prep Date DF **500**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	872.7	230	0	0	0	0-0	884.4	1.32	10	
Chromium	903.2	230	0	0	0	0-0	900.1	0.343	10	
Lead	3056	230	0	0	0	0-0	3021	1.16	10	
Zinc	2382	230	0	0	0	0-0	2396	0.607	10	

SD Sample ID **0611317-21A DIL** Units **mg/Kg** Analysis Date **11/23/06 6:40**
Client ID **SB85-06** Run ID **ICPMS02_061122A** SeqNo **1002770** Prep Date DF **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	5.668	2.3	0	0	0	0-0	5.669	0.016	10	
Arsenic	2.577	2.3	0	0	0	0-0	2.596	0.735	10	
Beryllium	0.4169	2.3	0	0	0	0-0	0.2796	0	10	J
Cadmium	2.225	2.3	0	0	0	0-0	1.893	0	10	J
Copper	92.55	2.3	0	0	0	0-0	82.18	12.6	10	R
Nickel	15.07	2.3	0	0	0	0-0	13.78	9.33	10	
Selenium	U	2.3	0	0	0	0-0	0.4802	0	10	
Silver	U	2.3	0	0	0	0-0	0.07505	0	10	
Thallium	U	2.3	0	0	0	0-0	0.07825	0	10	

The following samples were analyzed in this batch:

0611317-01A	0611317-02A	0611317-03B
0611317-05A	0611317-06A	0611317-07B
0611317-09A	0611317-10A	0611317-11B
0611317-13A	0611317-14A	0611317-15B
0611317-17A	0611317-18A	0611317-21A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20896** Instrument ID **ICPMS02** Method **SW6020**

MBLK Sample ID **MBLKS1-112106** Units **mg/Kg** Analysis Date **11/27/06 23:29**
Client ID Run ID **ICPMS02_061127A** SeqNo **1003648** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.50								
Arsenic	0 1567	0 50								J
Beryllium	0 07298	0.50								J
Copper	0 05799	0 50								J
Selenium	U	0 50								
Silver	0 03124	0 50								J

MBLK Sample ID **MBLKS1-112106** Units **mg/Kg** Analysis Date **11/28/06 22:15**
Client ID Run ID **ICPMS02_061128A** SeqNo **1004224** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	U	0 50								
Cadmium	U	0.50								
Chromium	U	0 50								
Lead	U	0.50								
Nickel	U	0.50								
Thallium	U	0 50								
Zinc	0 3441	0 50								J

LCS Sample ID **MLCSS1-112106** Units **mg/Kg** Analysis Date. **11/27/06 23:35**
Client ID Run ID **ICPMS02_061127A** SeqNo **1003649** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	8 84	0.50	10	0	88 4	80-120		0		
Arsenic	8 804	0.50	10	0	88	80-120		0		
Beryllium	8 764	0 50	10	0	87 6	80-120		0		
Copper	9.267	0 50	10	0	92 7	80-120		0		
Selenium	8 711	0 50	10	0	87 1	80-120		0		
Silver	9 382	0 50	10	0	93 8	80-120		0		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20896** Instrument ID **ICPMS02** Method **SW6020**

LCS Sample ID **MLCSS1-112106** Units **mg/Kg** Analysis Date **11/28/06 22:21**
Client ID Run ID **ICPMS02_061128A** SeqNo **1004225** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	9 579	0 50	10	0	95 8	80-120	0			
Cadmium	9 753	0.50	10	0	97.5	80-120	0			
Chromium	9 683	0 50	10	0	96.8	80-120	0			
Lead	9 997	0 50	10	0	100	80-120	0			
Nickel	9 843	0 50	10	0	98.4	80-120	0			
Thallium	9.085	0 50	10	0	90 8	80-120	0			
Zinc	9 704	0 50	10	0	97	80-120	0			

MS Sample ID **0611317-26BMS** Units **mg/Kg** Analysis Date **11/27/06 23:58**
Client ID **SB85-18 DS-18** Run ID **ICPMS02_061127A** SeqNo **1003653** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	5 697	0 45	8 929	0 04886	63 3	75-125	0			S
Arsenic	9 652	0 45	8 929	2 662	78 3	75-125	0			
Barium	109 6	0.45	8.929	68.14	465	75-125	0			SO
Beryllium	8 463	0 45	8 929	0 6894	87 3	75-125	0			
Cadmium	8 537	0 45	8 929	0.1187	94 3	75-125	0			
Chromium	16 95	0 45	8 929	8 352	96 3	75-125	0			
Copper	12 76	0 45	8.929	5 073	86 1	75-125	0			
Lead	26 64	0 45	8 929	18 4	92.3	75-125	0			
Nickel	19.37	0 45	8 929	8 991	116	75-125	0			
Selenium	7 908	0 45	8.929	0 5086	82 9	75-125	0			
Silver	8 262	0 45	8 929	0 07863	91 7	75-125	0			
Thallium	7 924	0 45	8 929	0 2044	86 5	75-125	0			
Zinc	29	0 45	8 929	20.38	96 5	75-125	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20896** Instrument ID **ICPMS02** Method: **SW6020**

MSD Sample ID **0611317-26BMSD** Units **mg/Kg** Analysis Date. **11/28/06 0:04**
Client ID **SB85-18 DS-18** Run ID **ICPMS02_061127A** SeqNo **1003664** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	4 996	0 45	8.929	0 04886	55.4	75-125	5 697	13 1	25	S
Arsenic	9 366	0 45	8 929	2 662	75.1	75-125	9.652	3	25	
Barium	130.5	0 45	8.929	68 14	699	75-125	109.6	17 4	25	SO
Beryllium	7 9	0 45	8 929	0.6694	81	75-125	8 463	6 89	25	
Cadmium	7 835	0 45	8 929	0 1187	86 4	75-125	8.537	8 57	25	
Chromium	15.63	0 45	8 929	8.352	81 6	75-125	16.95	8.06	25	
Copper	12 31	0 45	8 929	5.073	81 1	75-125	12 76	3 56	25	
Lead	24 07	0 45	8 929	18 4	63 5	75-125	26 64	10 1	25	S
Nickel	17 63	0 45	8 929	8 991	96.8	75-125	19 37	9 36	25	
Selenium	7 192	0 45	8.929	0 5086	74.9	75-125	7.908	9 48	25	S
Silver	7 46	0 45	8 929	0 07883	82 7	75-125	8.262	10.2	25	
Thallium	7.332	0 45	8 929	0.2044	79 8	75-125	7.924	7 76	25	
Zinc	26.21	0 45	8.929	20 38	65.3	75-125	29	10 1	25	S

DUP Sample ID **0611317-26BDUP** Units **mg/Kg** Analysis Date **11/27/06 23:47**
Client ID **SB85-18 DS-18** Run ID **ICPMS02_061127A** SeqNo **1003651** Prep Date **11/21/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0 45	0	0	0	0-0	0 04886	0	25	
Arsenic	3 041	0 45	0	0	0	0-0	2.662	13 3	25	
Barium	98 21	0 45	0	0	0	0-0	68 14	36 2	25	R
Beryllium	0 7198	0 45	0	0	0	0-0	0 6694	7 26	25	
Cadmium	0 1346	0 45	0	0	0	0-0	0 1187	0	25	J
Chromium	10 04	0 45	0	0	0	0-0	8 352	18 3	25	
Copper	5 888	0 45	0	0	0	0-0	5 073	14.9	25	
Lead	23.33	0 45	0	0	0	0-0	18 4	23 6	25	
Nickel	10 11	0 45	0	0	0	0-0	8 991	11 7	25	
Selenium	0 6995	0 45	0	0	0	0-0	0 5086	31.6	25	R
Silver	0 06279	0 45	0	0	0	0-0	0.07883	0	25	J
Thallium	0 1739	0 45	0	0	0	0-0	0 2044	0	25	J
Zinc	22 43	0 45	0	0	0	0-0	20 38	9 55	25	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20896** Instrument ID **ICPMS02** Method **SW6020**

PDS Sample ID **0611317-26BBS** Units **mg/Kg** Analysis Date **11/28/06 0:10**
Client ID **SB85-18 DS-18** Run ID **ICPMS02_061127A** SeqNo **1003655** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	7.846	0 45	8 929	0 04886	87 3	75-125	0			
Arsenic	10.33	0 45	8.929	2 662	85.9	75-125	0			
Barium	72.79	0 45	8.929	68 14	52	75-125	0			SO
Beryllium	7 658	0 45	8.929	0 6694	78 3	75-125	0			
Cadmium	7 412	0 45	8.929	0 1187	81.7	75-125	0			
Chromium	15 49	0 45	8.929	8.352	80	75-125	0			
Copper	12.62	0 45	8.929	5.073	84.6	75-125	0			
Lead	25 32	0 45	8.929	18 4	77 5	75-125	0			
Nickel	16 01	0 45	8 929	8.991	78 6	75-125	0			
Selenium	7 287	0 45	8 929	0 5086	75 9	75-125	0			
Silver	7 779	0 45	8 929	0 07883	86.2	75-125	0			
Thallium	6 903	0 45	8.929	0 2044	75	75-125	0			
Zinc	26.93	0 45	8 929	20.38	73 3	75-125	0			S

SD Sample ID **0611317-26B DIL** Units **mg/Kg** Analysis Date **11/27/06 23:52**
Client ID **SB85-18 DS-18** Run ID **ICPMS02_061127A** SeqNo **1003662** Prep Date DF **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	2 2	0	0	0	0-0	0 04886	0	10	
Arsenic	3 117	2 2	0	0	0	0-0	2 662	17 1	10	R
Barium	72 41	2 2	0	0	0	0-0	68 14	6 26	10	
Beryllium	1.024	2 2	0	0	0	0-0	0.6694	0	10	J
Cadmium	0 3247	2 2	0	0	0	0-0	0 1187	0	10	J
Chromium	8 924	2 2	0	0	0	0-0	8.352	6 85	10	
Copper	5 705	2 2	0	0	0	0-0	5 073	12 5	10	R
Lead	19 49	2.2	0	0	0	0-0	18 4	5 92	10	
Nickel	9 826	2.2	0	0	0	0-0	8 991	9 28	10	
Selenium	U	2.2	0	0	0	0-0	0.5086	0	10	
Silver	0 1796	2 2	0	0	0	0-0	0 07883	0	10	J
Thallium	0 4616	2 2	0	0	0	0-0	0 2044	0	10	J
Zinc	22 45	2 2	0	0	0	0-0	20 38	10 1	10	R

The following samples were analyzed in this batch:

0611317-19B	0611317-22A	0611317-23B
0611317-25A	0611317-26B	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20939** Instrument ID **Mercury** Method **SW7471A**

MBLK Sample ID **GBLKS1-112706** Units µg/Kg Analysis Date **11/27/06 18:10**
Client ID Run ID **MERCURY_061127B** SeqNo **1003476** Prep Date **11/27/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	13								

LCS Sample ID **GLCSS1-112706** Units µg/Kg Analysis Date **11/27/06 18:12**
Client ID Run ID **MERCURY_061127B** SeqNo **1003477** Prep Date **11/27/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	347 3	13	333 3	0	104	85-115	0			

LCSD Sample ID **GLCSDS1-112706** Units µg/Kg Analysis Date **11/27/06 18:14**
Client ID Run ID **MERCURY_061127B** SeqNo **1003478** Prep Date **11/27/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	356 7	13	333 3	0	107	85-115	347.3	2 65	20	

MS Sample ID **0611317-21AMS** Units µg/Kg Analysis Date **11/27/06 19:30**
Client ID **SB85-06** Run ID **MERCURY_061127B** SeqNo **1003504** Prep Date **11/27/2006** DF **2**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	1037	26	325 7	838.2	61.1	85-115	0			S

MSD Sample ID **0611317-21AMSD** Units µg/Kg Analysis Date **11/27/06 19:32**
Client ID **SB85-06** Run ID **MERCURY_061127B** SeqNo **1003505** Prep Date **11/27/2006** DF **2**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	1018	26	330.6	838 2	54.5	85-115	1037	1 84	20	S

DUP Sample ID **0611317-21ADUP** Units µg/Kg Analysis Date **11/27/06 19:28**
Client ID **SB85-06** Run ID **MERCURY_061127B** SeqNo **1003503** Prep Date **11/27/2006** DF **2**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	891 4	26	0	0	0		838.2	6 16	20	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT:	Golder Associates, Inc
Work Order:	0611317
Project:	CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **20939** Instrument ID **Mercury** Method **SW7471A**

The following samples were analyzed in this batch:

0611317-01A	0611317-02A	0611317-03B
0611317-05A	0611317-06A	0611317-07B
0611317-09A	0611317-10A	0611317-11B
0611317-13A	0611317-14A	0611317-15B
0611317-17A	0611317-18A	0611317-19B
0611317-21A	0611317-22A	0611317-23B
0611317-25A		

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44066** Instrument ID **VOA1** Method **SW8260**

MBLK Sample ID **VBLKW-061120** Units **µg/L** Analysis Date: **11/20/06 18:49**

Client ID Run ID **VOA1_061120A** SeqNo **1000945** Prep Date DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
2-Butanone	U	10								
Benzene	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	5.0								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	5.0								
Chloroform	U	5.0								
Chloromethane	U	5.0								
cis-1,3-Dichloropropene	U	5.0								
Dichloromethane	U	10								
Ethylbenzene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								
Vinyl chloride	U	2.0								
Xylenes, Total	U	15								
Surr: 1,2-Dichloroethane-d4	*52.08*	5.0	*50*	0	*104*	*70-125*		0		
Surr: 4-Bromofluorobenzene	*56.81*	5.0	*50*	0	*114*	*72.4-125*		0		
Surr: Dibromofluoromethane	*51.66*	5.0	*50*	0	*103*	*71.2-125*		0		
Surr: Toluene-d8	*58.26*	5.0	*50*	0	*117*	*75-125*		0		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: **R44066** Instrument ID **VOA1** Method: **SW8260**

LCS Sample ID **VLCSW-061120** Units **µg/L** Analysis Date **11/20/06 17:28**
Client ID Run ID **VOA1_061120A** SeqNo: **1000944** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1 1,1-Trichloroethane	53 75	5 0	50	0	107	79.6-120	0			
1,1,2,2-Tetrachloroethane	49.27	5.0	50	0	98.5	78 9-121	0			
1 1,2-Trichloroethane	49 66	5.0	50	0	99.3	80-120	0			
1,1-Dichloroethane	49.76	5 0	50	0	99 5	74 2-122	0			
1,1-Dichloroethene	52 85	5.0	50	0	106	75 8-122	0			
1,2-Dichloroethane	50.26	5.0	50	0	101	78.8-120	0			
1,2-Dichloropropane	50 66	5 0	50	0	101	80-120	0			
2-Butanone	99 02	10	100	0	99	69 2-131	0			
Benzene	51 66	5 0	50	0	103	80-120	0			
Bromoform	49.54	5 0	50	0	99 1	78 1-120	0			
Bromomethane	50.24	5 0	50	0	100	52.8-147	0			
Carbon tetrachloride	54 32	5 0	50	0	109	76 8-120	0			
Chlorobenzene	50 14	5 0	50	0	100	80-120	0			
Chloroethane	47 98	5 0	50	0	96	74.2-120	0			
Chloroform	51 25	5 0	50	0	102	80-120	0			
Chloromethane	51 78	5 0	50	0	104	63.5-133	0			
cis-1,3-Dichloropropene	51.82	5.0	50	0	104	80-120	0			
Dichloromethane	49.33	10	50	0	98 7	74 7-120	0			
Ethylbenzene	51 15	5 0	50	0	102	80-120	0			
Tetrachloroethene	52 72	5 0	50	0	105	80-120	0			
Toluene	51 72	5 0	50	0	103	80-120	0			
trans-1,2-Dichloroethene	51 56	5 0	50	0	103	75 9-122	0			
trans-1,3-Dichloropropene	50.96	5.0	50	0	102	80-120	0			
Trichloroethene	52 68	5 0	50	0	105	80-120	0			
Vinyl chloride	53 69	2 0	50	0	107	76 2-121	0			
Xylenes, Total	153	15	150	0	102	80-120	0			
Surr 1,2-Dichloroethane-d4	*53 77*	5 0	*50*	0	*108*	*70-125*	0			
Surr 4-Bromofluorobenzene	*57 74*	5 0	*50*	0	*115*	*72 4-125*	0			
Surr Dibromofluoromethane	*53 05*	5 0	*50*	0	*106*	*71 2-125*	0			
Surr Toluene-d8	*58 98*	5 0	*50*	0	*118*	*75-125*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44066** Instrument ID **VOA1** Method **SW8260**

MS Sample ID **0611325-02AMS** Units **µg/L** Analysis Date: **11/20/06 19:43**

Client ID Run ID **VOA1_061120A** SeqNo **1000947** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1 1,1-Trichloroethane	38 58	5 0	50	0	77.2	79 6-120	0			S
1,1,2,2-Tetrachloroethane	47 59	5.0	50	0	95 2	78 9-121	0			
1,1,2-Trichloroethane	49 34	5.0	50	0	98.7	80-120	0			
1,1-Dichloroethane	45.7	5 0	50	0	91 4	74 2-122	0			
1,1-Dichloroethene	35 41	5.0	50	0	70 8	75 8-122	0			S
1,2-Dichloroethane	49 13	5.0	50	0	98 3	78.8-120	0			
1,2-Dichloropropane	48 2	5.0	50	0	96.4	80-120	0			
2-Butanone	93.67	10	100	0	93 7	69.2-131	0			
Benzene	46 51	5.0	50	0	93	80-120	0			
Bromoform	49 13	5 0	50	0	98 3	78 1-120	0			
Bromomethane	43 08	5 0	50	0	86 2	52 8-147	0			
Carbon tetrachloride	34 77	5 0	50	0	69 5	76 8-120	0			S
Chlorobenzene	45.01	5 0	50	0	90	80-120	0			
Chloroethane	38 96	5 0	50	0	77 9	74 2-120	0			
Chloroform	48 18	5 0	50	0	96 4	80-120	0			
Chloromethane	41.5	5.0	50	0	83	63 5-133	0			
cis-1 3-Dichloropropene	48 43	5.0	50	0	96 9	80-120	0			
Dichloromethane	46 49	10	50	0	93	74 7-120	0			
Ethylbenzene	42	5 0	50	0	84	80-120	0			
Tetrachloroethene	36 3	5 0	50	0	72 6	80-120	0			S
Toluene	44 36	5 0	50	0	88 7	80-120	0			
trans-1,2-Dichloroethene	43.14	5.0	50	0	86 3	75.9-122	0			
trans-1,3-Dichloropropene	49.74	5.0	50	0	99 5	80-120	0			
Trichloroethene	42 91	5.0	50	0	85 8	80-120	0			
Vinyl chloride	35 98	2.0	50	0	72	76.2-121	0			S
Xylenes, Total	128 3	15	150	0	85 5	80-120	0			
Surr 1,2-Dichloroethane-d4	*53 2*	5 0	*50*	0	*106*	*70-125*	0			
Surr 4-Bromofluorobenzene	*55 56*	5.0	*50*	0	*111*	*72 4-125*	0			
Surr Dibromofluoromethane	*52 25*	5 0	*50*	0	*105*	*71 2-125*	0			
Surr Toluene-d8	*57 26*	5 0	*50*	0	*115*	*75-125*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44066** Instrument ID **VOA1** Method **SW8260**

MSD Sample ID **0611325-02AMSD** Units **µg/L** Analysis Date **11/20/06 20:11**

Client ID Run ID **VOA1_061120A** SeqNo. **1000948** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	40 36	5.0	50	0	80 7	79 6-120	38 58	4 51	20	
1,1,2,2-Tetrachloroethane	49 23	5.0	50	0	98 5	78.9-121	47.59	3 39	20	
1,1 2-Trichloroethane	50 6	5.0	50	0	101	80-120	49.34	2 52	20	
1,1-Dichloroethane	48 86	5 0	50	0	97 7	74.2-122	45 7	6.69	20	
1,1-Dichloroethene	40 15	5 0	50	0	80 3	75 8-122	35 41	12 5	20	
1,2-Dichloroethane	52.6	5 0	50	0	105	78 8-120	49 13	6 83	20	
1,2-Dichloropropane	51 53	5 0	50	0	103	80-120	48 2	6 67	20	
2-Butanone	101 1	10	100	0	101	69.2-131	93 67	7 61	20	
Benzene	49 13	5.0	50	0	98 3	80-120	46 51	5 48	20	
Bromoform	50 43	5 0	50	0	101	78.1-120	49 13	2 61	20	
Bromomethane	50.4	5 0	50	0	101	52 8-147	43.08	15 7	20	
Carbon tetrachloride	35 87	5.0	50	0	71 7	76.8-120	34 77	3 11	20	S
Chlorobenzene	48.06	5 0	50	0	96 1	80-120	45.01	6.56	20	
Chloroethane	44 12	5 0	50	0	88 2	74.2-120	38.96	12 4	20	
Chloroform	51.76	5 0	50	0	104	80-120	48.18	7.16	20	
Chloromethane	44 1	5 0	50	0	88.2	63.5-133	41.5	6 07	20	
cis-1,3-Dichloropropene	51 04	5 0	50	0	102	80-120	48.43	5 24	20	
Dichloromethane	48.99	10	50	0	98	74 7-120	46 49	5.22	20	
Ethylbenzene	44 55	5.0	50	0	89 1	80-120	42	5 9	20	
Tetrachloroethene	37 54	5 0	50	0	75 1	80-120	36.3	3 38	20	S
Toluene	47 15	5 0	50	0	94.3	80-120	44 36	6 11	20	
trans-1,2-Dichloroethene	47.25	5 0	50	0	94.5	75.9-122	43 14	9 11	20	
trans-1,3-Dichloropropene	51 52	5 0	50	0	103	80-120	49 74	3 52	20	
Trichloroethene	45 89	5 0	50	0	91 8	80-120	42 91	6.71	20	
Vinyl chloride	37 74	2 0	50	0	75 5	76 2-121	35.98	4.76	20	S
Xylenes, Total	136.6	15	150	0	91 1	80-120	128 3	6.29	20	
Surr 1,2-Dichloroethane-d4	*55 23*	5 0	*50*	0	*110*	*70-125*	53 2	*3 74*	*20*	
Surr 4-Bromofluorobenzene	*57 18*	5 0	*50*	0	*114*	*72 4-125*	55.56	*2 88*	*20*	
Surr Dibromofluoromethane	*54 67*	5 0	*50*	0	*109*	*71 2-125*	52.25	*4 53*	*20*	
Surr Toluene-d8	*57 53*	5 0	*50*	0	*115*	*75-125*	57 26	*0 463*	*20*	

The following samples were analyzed in this batch: 0611317-28A 0611317-30A 0611317-31A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44204** Instrument ID **VOA5** Method **SW8260**

MBLK Sample ID. **VBLKS-112606** Units: **µg/Kg** Analysis Date: **11/26/06 23:08**

Client ID Run ID **VOA5_061126B** SeqNo **1003677** Prep Date. DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
2-Butanone	U	10								
Benzene	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	10								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	10								
Chloroform	U	5.0								
Chloromethane	U	10								
cis-1,3-Dichloropropene	U	5.0								
Dichloromethane	U	10								
Ethylbenzene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								
Vinyl chloride	U	2.0								
Xylenes, Total	U	15								
Surr 1,2-Dichloroethane-d4	*50.74*	0	*50*	0	*101*	*70-128*		0		
Surr 4-Bromofluorobenzene	*43.68*	0	*50*	0	*87.4*	*73-126*		0		
Surr Dibromofluoromethane	*50.4*	0	*50*	0	*101*	*71-128*		0		
Surr Toluene-d8	*46.88*	0	*50*	0	*93.8*	*73-127*		0		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44204** Instrument ID **VOA5** Method. **SW8260**

LCS Sample ID **VLCSS-112606** Units: **µg/Kg** Analysis Date **11/26/06 22:44**

Client ID Run ID **VOA5_061126B** SeqNo **1003676** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1 1,1-Trichloroethane	53 57	5.0	50	0	107	75 6-123	0			
1,1,2,2-Tetrachloroethane	53 44	5.0	50	0	107	75.1-120	0			
1,1,2-Trichloroethane	51 65	5 0	50	0	103	72.8-120	0			
1,1-Dichloroethane	53 46	5 0	50	0	107	75 3-121	0			
1,1-Dichloroethene	48 1	5 0	50	0	96 2	78-120	0			
1 2-Dichloroethane	47 96	5 0	50	0	95 9	70.6-128	0			
1 2-Dichloropropane	52 5	5 0	50	0	105	79 4-120	0			
2-Butanone	116 4	10	100	0	116	54.8-130	0			
Benzene	51 13	5.0	50	0	102	80-121	0			
Bromoform	54 46	5 0	50	0	109	76 9-120	0			
Bromomethane	50 38	10	50	0	101	58 9-132	0			
Carbon tetrachloride	52 79	5.0	50	0	106	71.8-130	0			
Chlorobenzene	49 79	5.0	50	0	99.6	80-120	0			
Chloroethane	54 4	10	50	0	109	62.5-135	0			
Chloroform	52.23	5 0	50	0	104	74 5-120	0			
Chloromethane	62 79	10	50	0	126	62 8-129	0			
cis-1,3-Dichloropropene	55.02	5 0	50	0	110	72.7-120	0			
Dichloromethane	43 92	10	50	0	87 8	61 4-120	0			
Ethylbenzene	51 6	5.0	50	0	103	79 9-122	0			
Tetrachloroethene	48 49	5 0	50	0	97	79 5-125	0			
Toluene	50 56	5 0	50	0	101	79.1-123	0			
trans-1,2-Dichloroethene	51 95	5 0	50	0	104	76 3-124	0			
trans-1,3-Dichloropropene	52 05	5 0	50	0	104	65-127	0			
Trichloroethene	49 83	5 0	50	0	99 7	77 1-121	0			
Vinyl chloride	59 7	2 0	50	0	119	66 1-129	0			
Xylenes, Total	156 4	15	150	0	104	79 4-125	0			
Surr 1,2-Dichloroethane-d4	*49 84*	0	*50*	0	*99 7*	*70-128*	0			
Surr 4-Bromofluorobenzene	*47*	0	*50*	0	*94*	*73-126*	0			
Surr Dibromofluoromethane	*52 12*	0	*50*	0	*104*	*71-128*	0			
Surr Toluene-d8	*48 91*	0	*50*	0	*97 8*	*73-127*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44204** Instrument ID **VOA5** Method **SW8260**

MS Sample ID **0611291-32AMS** Units **µg/Kg** Analysis Date **11/27/06 2:07**

Client ID Run ID **VOA5_061126B** SeqNo **1003679** Prep Date DF **0.83**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	38.51	4.2	41 5	0	92.8	75 6-123	0			
1,1,2,2-Tetrachloroethane	35 48	4.2	41.5	0	85 5	75 1-120	0			
1,1,2-Trichloroethane	36 45	4.2	41 5	0	87 8	72 8-120	0			
1,1-Dichloroethane	39 04	4.2	41.5	0	94.1	75 3-121	0			
1,1-Dichloroethene	36.23	4.2	41.5	0	87.3	78-120	0			
1,2-Dichloroethane	34 66	4.2	41 5	0	83 5	70 6-128	0			
1,2-Dichloropropane	37 1	4.2	41 5	0	89 4	79 4-120	0			
2-Butanone	71 83	8.3	83	0	86 5	54 8-130	0			
Benzene	37 29	4.2	41.5	0	89 8	80-121	0			
Bromoform	35 27	4.2	41 5	0	85	76.9-120	0			
Bromomethane	37.78	8 3	41 5	0	91	58 9-132	0			
Carbon tetrachloride	36.52	4.2	41 5	0	88	71 8-130	0			
Chlorobenzene	33 63	4 2	41 5	0	81	80-120	0			
Chloroethane	38 16	8.3	41.5	0	92	62 5-135	0			
Chloroform	38 69	4.2	41 5	0	93 2	74 5-120	0			
Chloromethane	45 56	8 3	41 5	0	110	62 8-129	0			
cis-1,3-Dichloropropene	36 41	4.2	41 5	0	87 7	72 7-120	0			
Dichloromethane	32 09	8 3	41.5	0	77 3	61 4-120	0			
Ethylbenzene	34 91	4.2	41 5	0	84 1	79 9-122	0			
Tetrachloroethene	34 41	4.2	41.5	1 154	80 1	79 5-125	0			
Toluene	35 34	4.2	41 5	0	85 2	79 1-123	0			
trans-1,2-Dichloroethene	37 35	4.2	41.5	0	90	76.3-124	0			
trans-1,3-Dichloropropene	34 41	4.2	41 5	0	82 9	65-127	0			
Trichloroethene	36 38	4.2	41.5	15 94	49 3	77 1-121	0			S
Vinyl chloride	44 21	1 7	41 5	0	107	66 1-129	0			
Xylenes, Total	101 6	12	124 5	0	81 6	79 4-125	0			
Surr 1 2-Dichloroethane-d4	*42 02*	0	*41 5*	0	*101*	*70-128*	0			
Surr 4-Bromofluorobenzene	*38 13*	0	*41 5*	0	*91 9*	*73-126*	0			
Surr Dibromofluoromethane	*42 32*	0	*41 5*	0	*102*	*71-128*	0			
Surr Toluene-d8	*40 93*	0	*41 5*	0	*98 6*	*73-127*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44204** Instrument ID **VOA5** Method **SW8260**

MSD Sample ID **0611291-32AMSD** Units. **µg/Kg** Analysis Date **11/27/06 2:32**

Client ID Run ID **VOA5_061126B** SeqNo **1003680** Prep Date: DF **0.83**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	44.59	4.2	41.5	0	107	75.6-123	38.51	14.6	30	
1,1,2,2-Tetrachloroethane	42.37	4.2	41.5	0	102	75.1-120	35.48	17.7	30	
1,1,2-Trichloroethane	43.76	4.2	41.5	0	105	72.8-120	36.45	18.2	30	
1,1-Dichloroethane	45.43	4.2	41.5	0	109	75.3-121	39.04	15.1	30	
1,1-Dichloroethene	38.99	4.2	41.5	0	94	78-120	36.23	7.34	30	
1,2-Dichloroethane	39.65	4.2	41.5	0	95.6	70.6-128	34.66	13.4	30	
1,2-Dichloropropane	42.98	4.2	41.5	0	104	79.4-120	37.1	14.7	30	
2-Butanone	87.79	8.3	83	0	106	54.8-130	71.83	20	30	
Benzene	41.91	4.2	41.5	0	101	80-121	37.29	11.7	30	
Bromoform	42.52	4.2	41.5	0	102	76.9-120	35.27	18.6	30	
Bromomethane	40.26	8.3	41.5	0	97	58.9-132	37.78	6.35	30	
Carbon tetrachloride	40.43	4.2	41.5	0	97.4	71.8-130	36.52	10.2	30	
Chlorobenzene	39.58	4.2	41.5	0	95.4	80-120	33.63	16.3	30	
Chloroethane	44.56	8.3	41.5	0	107	62.5-135	38.16	15.5	30	
Chloroform	44.54	4.2	41.5	0	107	74.5-120	38.69	14	30	
Chloromethane	49.99	8.3	41.5	0	120	62.8-129	45.56	9.27	30	
cis-1,3-Dichloropropene	42.68	4.2	41.5	0	103	72.7-120	36.41	15.9	30	
Dichloromethane	41.88	8.3	41.5	0	101	61.4-120	32.09	26.5	30	
Ethylbenzene	40.37	4.2	41.5	0	97.3	79.9-122	34.91	14.5	30	
Tetrachloroethene	40.01	4.2	41.5	1.154	93.6	79.5-125	34.41	15.1	30	
Toluene	40.98	4.2	41.5	0	98.8	79.1-123	35.34	14.8	30	
trans-1,2-Dichloroethene	42.05	4.2	41.5	0	101	76.3-124	37.35	11.8	30	
trans-1,3-Dichloropropene	40.73	4.2	41.5	0	98.1	85-127	34.41	16.8	30	
Trichloroethene	41.07	4.2	41.5	15.94	60.6	77.1-121	36.38	12.1	30	S
Vinyl chloride	49.29	1.7	41.5	0	119	66.1-129	44.21	10.9	30	
Xylenes, Total	121.8	12	124.5	0	97.8	79.4-125	101.6	18	30	
Surr 1,2-Dichloroethane-d4	*45.31*	0	*41.5*	0	*109*	*70-128*	42.02	*7.55*	*30*	
Surr 4-Bromofluorobenzene	*42.88*	0	*41.5*	0	*103*	*73-126*	38.13	*11.7*	*30*	
Surr Dibromofluoromethane	*47.52*	0	*41.5*	0	*115*	*71-128*	42.32	*11.6*	*30*	
Surr Toluene-d8	44.51	0	41.5	0	*107*	*73-127*	40.93	8.39	30	

The following samples were analyzed in this batch: 0611317-15A 0611317-19A 0611317-23A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44258** Instrument ID **VOA5** Method **SW8260**

MBLK Sample ID **VBLKS-112806** Units: **µg/Kg** Analysis Date **11/28/06 11:48**

Client ID Run ID **VOA5_061128A** SeqNo: **1004788** Prep Date: DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
2-Butanone	U	10								
Benzene	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	10								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	10								
Chloroform	U	5.0								
Chloromethane	U	10								
cis-1,3-Dichloropropene	U	5.0								
Dichloromethane	U	10								
Ethylbenzene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								
Vinyl chloride	U	2.0								
Xylenes, Total	U	15								
Surr 1,2-Dichloroethane-d4	*46.33*	0	*50*	0	*92.7*	*70-128*		0		
Surr 4-Bromofluorobenzene	*44.37*	0	*50*	0	*88.7*	*73-126*		0		
Surr Dibromofluoromethane	*45.6*	0	*50*	0	*91.2*	*71-128*		0		
Surr Toluene-d8	*47.51*	0	*50*	0	*95*	*73-127*		0		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44258** Instrument ID **VOA5** Method **SW8260**

LCS Sample ID **VLCSS-112806** Units **µg/Kg** Analysis Date. **11/28/06 11:02**
Client ID Run ID **VOA5_061128A** SeqNo **1004787** Prep Date DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	50 78	5 0	50	0	102	75.6-123	0			
1,1,2,2-Tetrachloroethane	51 81	5.0	50	0	104	75 1-120	0			
1,1,2-Trichloroethane	50 82	5.0	50	0	102	72 8-120	0			
1 1-Dichloroethane	49 75	5 0	50	0	99 5	75 3-121	0			
1,1-Dichloroethene	52 02	5 0	50	0	104	78-120	0			
1,2-Dichloroethane	51 54	5 0	50	0	103	70.6-128	0			
1,2-Dichloropropane	47 87	5 0	50	0	95 7	79 4-120	0			
2-Butanone	90 01	10	100	0	90	54 8-130	0			
Benzene	50 91	5 0	50	0	102	80-121	0			
Bromoform	51 86	5 0	50	0	104	76.9-120	0			
Bromomethane	44 39	10	50	0	88 8	58 9-132	0			
Carbon tetrachloride	50 1	5.0	50	0	100	71.8-130	0			
Chlorobenzene	48.02	5.0	50	0	96	80-120	0			
Chloroethane	50.24	10	50	0	100	62 5-135	0			
Chloroform	49 65	5 0	50	0	99 3	74 5-120	0			
Chloromethane	51 8	10	50	0	104	62.8-129	0			
cis-1,3-Dichloropropene	51.98	5 0	50	0	104	72.7-120	0			
Dichloromethane	49 12	10	50	0	98 2	61 4-120	0			
Ethylbenzene	49 31	5 0	50	0	98.6	79 9-122	0			
Tetrachloroethene	46 7	5 0	50	0	93 4	78.5-125	0			
Toluene	48 94	5 0	50	0	97 9	79 1-123	0			
trans-1,2-Dichloroethene	48.65	5 0	50	0	97 3	76 3-124	0			
trans-1,3-Dichloropropene	49 06	5 0	50	0	98.1	65-127	0			
Trichloroethene	48 83	5 0	50	0	97 7	77 1-121	0			
Vinyl chloride	52 57	2 0	50	0	105	66 1-129	0			
Xylenes, Total	146.5	15	150	0	97 7	79 4-125	0			
Surr 1,2-Dichloroethane-d4	*47 53*	0	*50*	0	*95 1*	*70-128*	0			
Surr 4-Bromofluorobenzene	*47 58*	0	*50*	0	*95 2*	*73-126*	0			
Surr Dibromofluoromethane	*48 45*	0	*50*	0	*96 9*	*71-128*	0			
Surr Toluene-d8	*47 07*	0	*50*	0	*94 1*	*73-127*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44258** Instrument ID **VOA5** Method: **SW8260**

MS Sample ID **0611317-26AMS** Units: **µg/Kg** Analysis Date: **11/28/06 16:24**

Client ID **SB85-18 DS-18** Run ID: **VOA5_061128A** SeqNo **1004789** Prep Date DF **0.804**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	39 6	4 0	40.2	0	98 5	75 6-123	0			
1,1 2,2-Tetrachloroethane	36 81	4 0	40 2	0	91 6	75 1-120	0			
1 1,2-Trichloroethane	36 34	4 0	40.2	0	90.4	72 8-120	0			
1 1-Dichloroethane	39 09	4 0	40.2	0	97.2	75.3-121	0			
1,1-Dichloroethene	40.08	4.0	40.2	0	99.7	78-120	0			
1,2-Dichloroethane	37.98	4 0	40.2	0	94.5	70 6-128	0			
1,2-Dichloropropane	36.22	4 0	40.2	0	90.1	79 4-120	0			
2-Butanone	74.4	8 0	80 4	0	92.5	54.8-130	0			
Benzene	38 33	4 0	40.2	0	95.3	80-121	0			
Bromoform	36 34	4 0	40.2	0	90 4	76.9-120	0			
Bromomethane	42.12	8 0	40.2	0	105	58 9-132	0			
Carbon tetrachloride	38 89	4 0	40.2	0	96 8	71 8-130	0			
Chlorobenzene	35 75	4 0	40 2	0	88.9	80-120	0			
Chloroethane	41 37	8 0	40 2	0	103	62 5-135	0			
Chloroform	38.33	4 0	40.2	0	95 3	74 5-120	0			
Chloromethane	44 01	8 0	40.2	0	109	62.8-129	0			
cis-1,3-Dichloropropene	37 25	4 0	40 2	0	92 7	72.7-120	0			
Dichloromethane	37 88	8 0	40 2	0	94 2	61 4-120	0			
Ethylbenzene	37 73	4 0	40 2	0	93 9	79 9-122	0			
Tetrachloroethene	37 63	4 0	40 2	0	93 6	79 5-125	0			
Toluene	37 24	4 0	40 2	0	92 6	79 1-123	0			
trans-1,2-Dichloroethene	40 77	4 0	40 2	0	101	76 3-124	0			
trans-1,3-Dichloropropene	34 39	4 0	40 2	0	85 5	65-127	0			
Trichloroethene	37 53	4 0	40 2	0	93 3	77 1-121	0			
Vinyl chloride	42 07	1 6	40.2	0	105	66 1-129	0			
Xylenes, Total	108 9	12	120 6	2 134	88 6	79 4-125	0			
Surr 1,2-Dichloroethane-d4	*40 14*	0	*40 2*	0	*99 8*	*70-128*	0			
Surr 4-Bromofluorobenzene	*37 1*	0	*40 2*	0	*92 3*	*73-126*	0			
Surr Dibromofluoromethane	*40 16*	0	*40 2*	0	*99 9*	*71-128*	0			
Surr Toluene-d8	*39 3*	0	*40 2*	0	*97 8*	*73-127*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44258** Instrument ID **VOA5** Method: **SW8260**

MSD Sample ID **0611317-26AMSD** Units: **µg/Kg** Analysis Date. **11/28/06 16:48**

Client ID **SB85-18 DS-18** Run ID **VOA5_061128A** SeqNo: **1004790** Prep Date DF **0.81**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	40.04	4.0	40.5	0	98.9	75.6-123	39.6	1.11	30	
1,1,2,2-Tetrachloroethane	42.76	4.0	40.5	0	106	75.1-120	36.81	15	30	
1,1,2-Trichloroethane	35.01	4.0	40.5	0	86.4	72.8-120	36.34	3.73	30	
1,1-Dichloroethane	38.58	4.0	40.5	0	95.3	75.3-121	39.09	1.32	30	
1,1-Dichloroethene	38.13	4.0	40.5	0	94.2	78-120	40.08	4.99	30	
1,2-Dichloroethane	37.32	4.0	40.5	0	92.2	70.6-128	37.98	1.73	30	
1,2-Dichloropropane	36.33	4.0	40.5	0	89.7	79.4-120	36.22	0.302	30	
2-Butanone	82.81	8.1	81	0	102	54.8-130	74.4	10.7	30	
Benzene	36.85	4.0	40.5	0	91	80-121	38.33	3.93	30	
Bromoform	36.25	4.0	40.5	0	89.5	76.9-120	36.34	0.251	30	
Bromomethane	37.84	8.1	40.5	0	93.4	58.9-132	42.12	10.7	30	
Carbon tetrachloride	36.97	4.0	40.5	0	91.3	71.8-130	38.89	5.08	30	
Chlorobenzene	35.23	4.0	40.5	0	87	80-120	35.75	1.48	30	
Chloroethane	40.03	8.1	40.5	0	98.8	62.5-135	41.37	3.29	30	
Chloroform	37.56	4.0	40.5	0	92.7	74.5-120	38.33	2.04	30	
Chloromethane	41.86	8.1	40.5	0	103	62.8-129	44.01	5.01	30	
cis-1,3-Dichloropropene	37.01	4.0	40.5	0	91.4	72.7-120	37.25	0.64	30	
Dichloromethane	35.8	8.1	40.5	0	88.4	61.4-120	37.88	5.66	30	
Ethylbenzene	35.24	4.0	40.5	0	87	79.9-122	37.73	6.83	30	
Tetrachloroethene	34.55	4.0	40.5	0	85.3	79.5-125	37.63	8.52	30	
Toluene	35.84	4.0	40.5	0	88.5	79.1-123	37.24	3.83	30	
trans-1,2-Dichloroethene	38.37	4.0	40.5	0	94.7	76.3-124	40.77	6.06	30	
trans-1,3-Dichloropropene	33.94	4.0	40.5	0	83.8	65-127	34.39	1.29	30	
Trichloroethene	37.5	4.0	40.5	0	92.6	77.1-121	37.53	0.0688	30	
Vinyl chloride	41.3	1.6	40.5	0	102	66.1-129	42.07	1.85	30	
Xylenes, Total	113.2	12	121.5	2.134	91.4	79.4-125	108.9	3.85	30	
Surr: 1,2-Dichloroethane-d4	*39.24*	0	*40.5*	0	*96.9*	*70-128*	40.14	*2.28*	*30*	
Surr: 4-Bromofluorobenzene	*37.53*	0	*40.5*	0	*92.7*	*73-126*	37.1	*1.16*	*30*	
Surr: Dibromofluoromethane	*39.1*	0	*40.5*	0	*96.5*	*71-128*	40.16	*2.68*	*30*	
Surr: Toluene-d8	*38.34*	0	*40.5*	0	*94.7*	*73-121*	39.3	*2.49*	*30*	

The following samples were analyzed in this batch: 0611317-03A 0611317-07A 0611317-11A 0611317-26A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44031** Instrument ID **Balance1** Method **E160.3**

DUP Sample ID **0611317-01ADUP** Units **wt%** Analysis Date: **11/18/06 0:00**
Client ID **SB80-06** Run ID **BALANCE1_061118C** SeqNo **1000299** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	21 01	0 010	0	0	0	0-0	21 73	3 33	20	

DUP Sample ID **0611317-21ADUP** Units **wt%** Analysis Date: **11/18/06 0:00**
Client ID **SB85-06** Run ID. **BALANCE1_061118C** SeqNo **1000317** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	15 66	0 010	0	0	0	0-0	13 58	14 2	20	

The following samples were analyzed in this batch:

0611317-01A	0611317-02A	0611317-03B
0611317-05A	0611317-06A	0611317-07B
0611317-09A	0611317-10A	0611317-11B
0611317-12A	0611317-13A	0611317-14A
0611317-15B	0611317-17A	0611317-18A
0611317-19B	0611317-21A	0611317-22A
0611317-23B	0611317-25A	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
F - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611317
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44085** Instrument ID **Balance1** Method. **E160.3**

DUP Sample ID **0611287-27ADUP** Units **wt%** Analysis Date **11/20/06 0:00**
Client ID Run ID **BALANCE1_061120C** SeqNo **1001118** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	19.31	0.010	0	0	0	0-0	19 34	0 122	20	

DUP Sample ID **0611317-26BDUP** Units **wt%** Analysis Date **11/20/06 0:00**
Client ID **SB85-18 DS-18** Run ID **BALANCE1_061120C** SeqNo **1001132** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	18 65	0 010	0	0	0	0-0	19 27	3.26	20	

The following samples were analyzed in this batch: 0611317-26B

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

MDLs & MQLs

Golder Associates, Inc.
CRI - Superfund
Work Order 0611317

e-Lab Analytical, Inc. **Date:** Dec 01, 2006

Test Code: 8260_TCL_S
Test Number: SW8260
Test Name: TCL Volatile Organics
Matrix: Solid **Units:** µg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	1,1,1-Trichloroethane	71-55-6	0.7	5
A	1,1,2,2-Tetrachloroethane	79-34-5	0.5	5
A	1,1,2-Trichloroethane	79-00-5	0.5	5
A	1,1-Dichloroethane	75-34-3	0.8	5
A	1,1-Dichloroethene	75-35-4	1	5
A	1,2-Dichloroethane	107-06-2	0.6	5
A	1,2-Dichloropropane	78-87-5	0.6	5
A	2-Butanone	78-93-3	0.7	10
A	Benzene	71-43-2	0.6	5
A	Bromoform	75-25-2	0.5	10
A	Bromomethane	74-83-9	1	10
A	Carbon tetrachloride	56-23-5	1	5
A	Chlorobenzene	108-90-7	0.7	5
A	Chloroethane	75-00-3	1.6	10
A	Chloroform	67-66-3	0.9	5
A	Chloromethane	74-87-3	1.1	10
A	cis-1,3-Dichloropropene	10061-01-5	0.6	5
A	Dichloromethane	75-09-2	3	10
A	Ethylbenzene	100-41-4	0.8	5
A	Tetrachloroethene	127-18-4	0.6	5
A	Toluene	108-88-3	0.6	5
A	trans-1,2-Dichloroethene	156-60-5	1	5
A	trans-1,3-Dichloropropene	10061-02-6	0.6	5
A	Trichloroethene	79-01-6	0.6	5
A	Vinyl chloride	75-01-4	0.6	2
M	Xylenes, Total	1330-20-7	1.5	15
S	Surr 1,2-Dichloroethane-d4	17060-07-0	0	0
S	Surr 4-Bromofluorobenzene	460-00-4	0	0
S	Surr Dibromofluoromethane	1868-53-7	0	0
S	Surr Toluene-d8	2037-26-5	0	0

Test Code: 8260_TCL_W
Test Number: SW8260
Test Name: TCL Volatile Organics
Matrix: Aqueous **Units:** µg/L

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	1,1,1-Trichloroethane	71-55-6	0.6	5
A	1,1,2,2-Tetrachloroethane	79-34-5	1.5	5
A	1,1,2-Trichloroethane	79-00-5	0.5	5
A	1,1-Dichloroethane	75-34-3	0.5	5
A	1,1-Dichloroethene	75-35-4	0.6	5
A	1,2-Dichloroethane	107-06-2	0.5	5
A	1,2-Dichloropropane	78-87-5	0.7	5
A	2-Butanone	78-93-3	0.8	10
A	Benzene	71-43-2	0 6	5
A	Bromoform	75-25-2	0.8	5
A	Bromomethane	74-83-9	0.5	5
A	Carbon tetrachloride	56-23-5	0.6	5
A	Chlorobenzene	108-90-7	0 5	5
A	Chloroethane	75-00-3	0 6	5
A	Chloroform	67-66-3	0.5	5
A	Chloromethane	74-87-3	0.5	5
A	cis-1,3-Dichloropropene	10061-01-5	0.5	5
A	Dichloromethane	75-09-2	0.6	10
A	Ethylbenzene	100-41-4	0.5	5
A	Tetrachloroethene	127-18-4	0.5	5
A	Toluene	108-88-3	0.5	5
A	trans-1,2-Dichloroethene	156-60-5	0.6	5
A	trans-1,3-Dichloropropene	10061-02-6	0.5	5
A	Trichloroethene	79-01-6	0.7	5
A	Vinyl chloride	75-01-4	0 6	2
M	Xylenes, Total	1330-20-7	1 5	15
S	Surr. 1,2-Dichloroethane-d4	17060-07-0	0	5
S	Surr: 4-Bromofluorobenzene	460-00-4	0	5
S	Surr. Dibromofluoromethane	1868-53-7	0	5
S	Surr: Toluene-d8	2037-26-5	0	5

Test Code: HG_S
Test Number: SW7471A
Test Name: Mercury, Total
Matrix: Solid **Units:** µg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Mercury	7439-97-6	1.4	13.3

e-Lab Analytical, Inc. **Date:** Dec 01, 2006

Test Code: HG_W
Test Number: SW7470
Test Name: Mercury, Total
Matrix: Aqueous **Units:** mg/L

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Mercury	7439-97-6	0.000042	0.0002

Test Code: ICP_S_Low
Test Number: SW6020
Test Name: ICP Metals
Matrix: Solid **Units:** mg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Antimony	7440-36-0	0.14	0.5
A	Arsenic	7440-38-2	0.13	0.5
A	Barium	7440-39-3	0.07	0.5
A	Beryllium	7440-41-7	0.03	0.5
A	Cadmium	7440-43-9	0.03	0.5
A	Chromium	7440-47-3	0.07	0.5
A	Copper	7440-50-8	0.04	0.5
A	Lead	7439-92-1	0 09	0.5
A	Nickel	7440-02-0	0.08	0 5
A	Selenium	7782-49-2	0.19	0.5
A	Silver	7440-22-4	0.02	0.5
A	Thallium	7440-28-0	0.05	0.5
A	Zinc	7440-66-6	0.1	0.5

e-Lab Analytical, Inc. **Date:** Dec 01, 2006

Test Code: ICP_TW
Test Number: SW6020
Test Name: ICP Metals, Total
Matrix: Aqueous **Units:** mg/L

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Antimony	7440-36-0	0.001	0.005
A	Arsenic	7440-38-2	0.0018	0.005
A	Barium	7440-39-3	0.0006	0.005
A	Beryllium	7440-41-7	0.0003	0.002
A	Cadmium	7440-43-9	0.00015	0.002
A	Chromium	7440-47-3	0.0005	0.005
A	Copper	7440-50-8	0.0003	0.005
A	Lead	7439-92-1	0 0002	0.005
A	Nickel	7440-02-0	0.0003	0.005
A	Selenium	7782-49-2	0.0017	0 005
A	Silver	7440-22-4	0.0002	0.005
A	Thallium	7440-28-0	0.0004	0.002
A	Zinc	7440-66-6	0 0015	0.005

e-Lab Analytical, Inc. **Date:** Dec 01, 2006

Test Code: MOISTURE
Test Number: E160.3
Test Name: Percent Moisture
Matrix: Soil **Units:** wt%

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Percent Moisture	MOIST	0 01	0.01

Golder Associates, Inc.

CRI Superfund

Work Order 0611360

The total number of pages in this document is _____

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Work Order 0611360

- TRRP Laboratory Data Package Cover Sheet
- TRRP Checklist
- Sample Summary Table
- Chain of Custody and Sample Receipt Checklist
- Analytical Report
- QC Batch Summary Report
- MDLs and MQLs
- Volatiles Raw Data

e-Lab Analytical, Inc. **Date:** *December 01, 2006*

CLIENT:	Golder Associates, Inc	**TRRP Laboratory Data Package Cover Page**
Project:	CRI-Superfund Wiley, Texas	
Work Order:	0611360	

This data package consists of all or some of the following as applicable:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation:

R2 Sample identification cross-reference

R3 Test reports (analytical data sheets) for each environmental sample that includes:
- a) Items consistent with NELAC 5.13 or ISO/IEC 17025 Section 5.10
- b) dilution factors,
- c) preparation methods,
- d) cleanup methods, and
- e) if required for the project, tentatively identified compounds (TICs).

R4 Surrogate recovery data including:
- a) Calculated recovery (%R), and
- b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms for laboratory control samples (LCSs) including:
- a) LCS spiking amounts,
- b) Calculated %R for each analyte, and
- c)The laboratory's LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
- a) Samples associated with the MS/MSD clearly identified,
- b) MS/MSD spiking amounts,
- c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
- d) Calculated %Rs and relative percent differences (RPDs), and
- e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) recovery and precision:
- a) the amount of analyte measured in the duplicate,
- b) the calculated RPD, and
- c) the laboratory's QC limits for analytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix:?

R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release Statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exception reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratory in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, if applicable: [NA] This laboratory is an in-house laboratory controlled by the person responding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Patricia L. Lynch

Patricia L. Lynch

Project Manager

Laboratory Review Checklist: Reportable Data

Laboratory Name. e-Lab Analytical, Inc.	LRC Date: 12/28/2006
Project Name: CRI Superfund Wiley	Laboratory Job Number· 0611360
Reviewer Name: Patricia L Lynch	Prep Batch Number(s): R44082, R44205 and R44354

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	CHAIN-OF-CUSTODY (C-O-C)					
		1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				1
		2) Were all departures from standard conditions described in an exception report?	X				
R2	OI	SAMPLE AND QUALITY CONTROL (QC) IDENTIFICATION					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	TEST REPORTS					
		1) Were all samples prepared and analyzed within holding times?	X				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample quantitation limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?			X		
		7) Was % moisture (or solids) reported for all soil and sediment samples?			X		
		8) If required for the project, TICs reported?			X		
R4	O	SURROGATE RECOVERY DATA					
		1) Were surrogates added prior to extraction?	X				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	TEST REPORTS/SUMMMARY FORMS FOR BLANK SAMPLES					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?	X				
R6	OI	LABORATORY CONTROL SAMPLES (LCS):					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	X				
		6) Was the LCSD RPD within QC limits?	X				
R7	OI	MATRIX SPIKE (MS) AND MATRIX SPIKE DUPLICATE (MSD) DATA					
		1) Were the project/method specified analytes included in the MS and MSD?	X				
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			2
		4) Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	ANALYTICAL DUPLICATE DATA					
		1) Were appropriate analytical duplicates analyzed for each matrix?			X		
		2) Were analytical duplicates analyzed at the appropriate frequency?			X		
		3) Were RPDs or relative standard deviations within the laboratory QC limits?			X		
R9	OI	METHOD QUANTITATION LIMITS (MQLS):					
		1) Are the MQLs for each method analyte listed and included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs included in the laboratory data package?	X				
R10	OI	OTHER PROBLEMS/ANOMALIES					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		2) Were all necessary corrective actions performed for the reported data?	X				
		3) If requested, is the justification for elevated SQLs documented?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted in o the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses, I = inorganic analyses (and general chemistry, when applicable),
3 NA = Not applicable,
4 NR = Not Reviewed,
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked)

e-Lab Analytical, Inc. **Date:** *December 01, 2006*

CLIENT: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas
Work Order: 0611360

Work Order Sample Summary

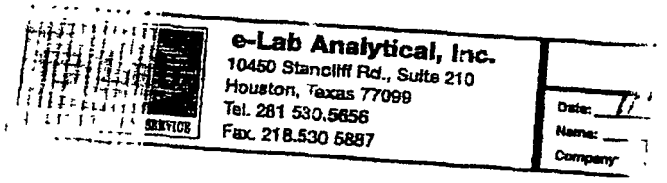
Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
0611360-01	GW-MW09-111806	Water		11/18/2006 08:20	11/20/2006 11:50	☐
0611360-02	GW-MW05-111806	Water		11/18/2006 08:50	11/20/2006 11:50	☐
0611360-03	GW-MW04-111806	Water		11/18/2006 09:20	11/20/2006 11:50	☐
0611360-04	DW2	Water		11/18/2006	11/20/2006 11.50	☐
0611360-05	RW2 (Rinsate Balnk)	Water		11/18/2006 10:00	11/20/2006 11:50	☐
0611360-06	TB2 (Trip Blank)	Trip Blank		11/18/2006	11/20/2006 11:50	☐

061136D

e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281 530.5656
Fax. 218.530 5887

Date: 11
Name:
Company:

CUSTODY SEAL
2070 Time: 0900
Jack Plitt
AJ



Broken By:
Date: 11/26/06

Analytical Report

Golder Associates, Inc.
CRI Superfund
Work Order 0611360

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT: Golder Associates, Inc.
Work Order: 0611360
Project: CRI-Superfund Wiley, Texas
Lab ID: 0611360-01

Client Sample ID: GW-MW09-111806
Collection Date: 11/18/2006 8:20:00 AM
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		Method SW8260					Analyst: PC
1,1,1-Trichloroethane	**46**		**0.60**	**5.0**	**µg/L**	1	11/21/2006
1,1,2,2-Tetrachloroethane	U		1.5	5.0	µg/L	1	11/21/2006
1,1,2-Trichloroethane	**18**		**0.50**	**5.0**	**µg/L**	1	11/21/2006
1,1-Dichloroethane	**67**		**0.50**	**5.0**	**µg/L**	1	11/21/2006
1,1-Dichloroethene	**1,100**		**15**	**120**	**µg/L**	25	11/27/2006
1,2-Dichloroethane	**2.2**	J	**0.50**	**5.0**	**µg/L**	1	11/21/2006
1,2-Dichloropropane	U		0.70	5.0	µg/L	1	11/21/2006
2-Butanone	U		0.80	10	µg/L	1	11/21/2006
Benzene	**1.1**	J	**0.60**	**5.0**	**µg/L**	1	11/21/2006
Bromoform	U		0.80	5.0	µg/L	1	11/21/2006
Bromomethane	U		0.50	5.0	µg/L	1	11/21/2006
Carbon tetrachloride	U		0.60	5.0	µg/L	1	11/21/2006
Chlorobenzene	U		0.50	5.0	µg/L	1	11/21/2006
Chloroethane	U		0.60	5.0	µg/L	1	11/21/2006
Chloroform	U		0.50	5.0	µg/L	1	11/21/2006
Chloromethane	U		0.50	5.0	µg/L	1	11/21/2006
cis-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/21/2006
Dichloromethane	**1.3**	J	**0.60**	**10**	**µg/L**	1	11/21/2006
Ethylbenzene	**140**		**0.50**	**5.0**	**µg/L**	1	11/21/2006
Tetrachloroethene	**970**		**12**	**120**	**µg/L**	25	11/27/2006
Toluene	**66**		**0.50**	**5.0**	**µg/L**	1	11/21/2006
trans-1,2-Dichloroethene	**92**		**15**	**62**	**µg/L**	25	11/27/2006
trans-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/21/2006
Trichloroethene	**20,000**		**140**	**1,000**	**µg/L**	200	11/27/2006
Vinyl chloride	**1,600**		**15**	**50**	**µg/L**	25	11/27/2006
Xylenes, Total	**51**		**1.5**	**15**	**µg/L**	1	11/21/2006
Surr: 1,2-Dichloroethane-d4	*111*			*70-125*	*%REC*	1	11/21/2006
Surr: 1,2-Dichloroethane-d4	*96.8*			*70-125*	*%REC*	25	11/27/2006
Surr: 1,2-Dichloroethane-d4	*106*			*70-125*	*%REC*	200	11/27/2006
Surr: 4-Bromofluorobenzene	*110*			*72.4-125*	*%REC*	1	11/21/2006
Surr: 4-Bromofluorobenzene	*108*			*72.4-125*	*%REC*	25	11/27/2006
Surr: 4-Bromofluorobenzene	*125*			*72.4-125*	*%REC*	200	11/27/2006
Surr: Dibromofluoromethane	*112*			*71.2-125*	*%REC*	1	11/21/2006
Surr: Dibromofluoromethane	*114*			*71.2-125*	*%REC*	25	11/27/2006
Surr: Dibromofluoromethane	*109*			*71.2-125*	*%REC*	200	11/27/2006
Surr: Toluene-d8	*109*			*75-125*	*%REC*	1	11/21/2006
Surr: Toluene-d8	*115*			*75-125*	*%REC*	25	11/27/2006
Surr: Toluene-d8	*121*			*75-125*	*%REC*	200	11/27/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT: Golder Associates, Inc.
Work Order: 0611360
Project: CRI-Superfund Wiley, Texas
Lab ID: 0611360-02

Client Sample ID: GW-MW05-111806
Collection Date: 11/18/2006 8:50:00 AM
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		Method **SW8260**					Analyst: **PC**
1,1,1-Trichloroethane	U		0.60	5.0	µg/L	1	11/21/2006
1,1,2,2-Tetrachloroethane	U		1.5	5.0	µg/L	1	11/21/2006
1,1,2-Trichloroethane	U		0.50	5.0	µg/L	1	11/21/2006
1,1-Dichloroethane	U		0.50	5.0	µg/L	1	11/21/2006
1,1-Dichloroethene	U		0.60	5.0	µg/L	1	11/21/2006
1,2-Dichloroethane	U		0.50	5.0	µg/L	1	11/21/2006
1,2-Dichloropropane	U		0.70	5.0	µg/L	1	11/21/2006
2-Butanone	U		0.80	10	µg/L	1	11/21/2006
Benzene	U		0.60	5.0	µg/L	1	11/21/2006
Bromoform	U		0.80	5.0	µg/L	1	11/21/2006
Bromomethane	U		0.50	5.0	µg/L	1	11/21/2006
Carbon tetrachloride	U		0.60	5.0	µg/L	1	11/21/2006
Chlorobenzene	U		0.50	5.0	µg/L	1	11/21/2006
Chloroethane	U		0.80	5.0	µg/L	1	11/21/2006
Chloroform	U		0.50	5.0	µg/L	1	11/21/2006
Chloromethane	U		0.50	5.0	µg/L	1	11/21/2006
cis-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/21/2006
Dichloromethane	U		0.80	10	µg/L	1	11/21/2006
Ethylbenzene	U		0.50	5.0	µg/L	1	11/21/2006
Tetrachloroethene	U		0.50	5.0	µg/L	1	11/21/2006
Toluene	U		0.50	5.0	µg/L	1	11/21/2006
trans-1,2-Dichloroethene	U		0.60	5.0	µg/L	1	11/21/2006
trans-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/21/2006
Trichloroethene	**3.4**	J	**0.70**	**6.0**	**µg/L**	1	11/21/2006
Vinyl chloride	U		0.60	2.0	µg/L	1	11/21/2006
Xylenes, Total	U		1.5	15	µg/L	1	11/21/2006
Surr: 1,2-Dichloroethane-d4	*107*			*70-125*	*%REC*	1	11/21/2006
Surr: 4-Bromofluorobenzene	*114*			*72.4-125*	*%REC*	1	11/21/2006
Surr: Dibromofluoromethane	*105*			*71.2-125*	*%REC*	1	11/21/2006
Surr: Toluene-d8	*115*			*75-125*	*%REC*	1	11/21/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	GW-MW04-111806
Work Order:	0611360	**Collection Date:**	11/18/2006 9:20:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611360-03	**Matrix:**	WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**Method SW8260**					**Analyst PC**
1,1,1-Trichloroethane	U		0.60	5.0	µg/L	1	11/28/2006
1,1,2,2-Tetrachloroethane	U		1.5	5.0	µg/L	1	11/28/2006
1,1,2-Trichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,1-Dichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,1-Dichloroethene	U		0.60	5.0	µg/L	1	11/28/2006
1,2-Dichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,2-Dichloropropane	U		0.70	5.0	µg/L	1	11/28/2006
2-Butanone	U		0.80	10	µg/L	1	11/28/2006
Benzene	U		0.60	5.0	µg/L	1	11/28/2006
Bromoform	U		0.80	5.0	µg/L	1	11/28/2006
Bromomethane	U		0.50	5.0	µg/L	1	11/28/2006
Carbon tetrachloride	U		0.60	5.0	µg/L	1	11/28/2006
Chlorobenzene	U		0.50	5.0	µg/L	1	11/28/2006
Chloroethane	U		0.60	5.0	µg/L	1	11/28/2006
Chloroform	U		0.50	5.0	µg/L	1	11/28/2006
Chloromethane	U		0.50	5.0	µg/L	1	11/28/2006
cis-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/28/2006
Dichloromethane	U		0.60	10	µg/L	1	11/28/2006
Ethylbenzene	U		0.50	5.0	µg/L	1	11/28/2006
Tetrachloroethene	U		0.50	5.0	µg/L	1	11/28/2006
Toluene	U		0.50	5.0	µg/L	1	11/28/2006
trans-1,2-Dichloroethene	U		0.60	5.0	µg/L	1	11/28/2006
trans-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/28/2006
Trichloroethene	U		0.70	5.0	µg/L	1	11/28/2006
Vinyl chloride	U		0.60	2.0	µg/L	1	11/28/2006
Xylenes, Total	U		1.5	15	µg/L	1	11/28/2006
Surr: 1,2-Dichloroethane-d4	*101*			*70-125*	*%REC*	1	11/28/2006
Surr: 4-Bromofluorobenzene	*99.5*			*72.4-125*	*%REC*	1	11/28/2006
Surr: Dibromofluoromethane	*103*			*71.2-125*	*%REC*	1	11/28/2006
Surr: Toluene-d8	*107*			*75-125*	*%REC*	1	11/28/2006

Qualifiers:

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- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	DW2
Work Order:	0611360	**Collection Date:**	11/18/2006
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611360-04	**Matrix:**	WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		Method:	**SW8260**				Analyst PC
1,1,1-Trichloroethane	**36**		**0.60**	**5.0**	**µg/L**	1	11/21/2006
1,1,2,2-Tetrachloroethane	U		1 5	5 0	µg/L	1	11/21/2006
1,1,2-Trichloroethane	**13**		**0.50**	**5.0**	**µg/L**	1	11/21/2006
1,1-Dichloroethane	**44**		**0.50**	**5.0**	**µg/L**	1	11/21/2006
1,1-Dichloroethene	**820**		**15**	**120**	**µg/L**	25	11/27/2006
1,2-Dichloroethane	**1.7**	J	**0.50**	**5.0**	**µg/L**	1	11/21/2006
1,2-Dichloropropane	U		0 70	5 0	µg/L	1	11/21/2006
2-Butanone	U		0.60	10	µg/L	1	11/21/2006
Benzene	**0.73**	J	**0.60**	**5.0**	**µg/L**	1	11/21/2006
Bromoform	U		0 60	5.0	µg/L	1	11/21/2006
Bromomethane	U		0 50	5 0	µg/L	1	11/21/2006
Carbon tetrachlonde	U		0.60	5.0	µg/L	1	11/21/2006
Chlorobenzene	U		0 50	5 0	µg/L	1	11/21/2006
Chloroethane	U		0 60	5 0	µg/L	1	11/21/2006
Chloroform	U		0 50	5 0	µg/L	1	11/21/2006
Chloromethane	U		0 50	5.0	µg/L	1	11/21/2006
cis-1,3-Dichloropropene	U		0 50	5.0	µg/L	1	11/21/2006
Dichloromethane	U		0 60	10	µg/L	1	11/21/2006
Ethylbenzene	**100**		**0.50**	**5.0**	**µg/L**	1	11/21/2006
Tetrachloroethene	**940**		**12**	**120**	**µg/L**	25	11/27/2006
Toluene	**48**		**0.60**	**5.0**	**µg/L**	1	11/21/2006
trans-1,2-Dichloroethene	**100**		**0.60**	**5.0**	**µg/L**	1	11/21/2006
trans-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	11/21/2006
Trichloroethene	**19,000**		**140**	**1,000**	**µg/L**	200	11/27/2006
Vinyl chloride	**1,500**		**15**	**50**	**µg/L**	25	11/27/2006
Xylenes, Total	**35**		**1.5**	**15**	**µg/L**	1	11/21/2006
Surr 1,2-Dichloroethane-d4	*117*			*70-125*	*%REC*	1	11/21/2006
Surr 1,2-Dichloroethane-d4	*106*			*70-125*	*%REC*	25	11/27/2006
Surr 1,2-Dichloroethane-d4	*98 0*			*70-125*	*%REC*	200	11/27/2006
Surr 4-Bromofluorobenzene	*113*			*72 4-125*	*%REC*	1	11/21/2006
Surr 4-Bromofluorobenzene	*107*			*72 4-125*	*%REC*	25	11/27/2006
Surr 4-Bromofluorobenzene	*108*			*72 4-125*	*%REC*	200	11/27/2006
Surr Dibromofluoromethane	*110*			*71 2-125*	*%REC*	1	11/21/2006
Surr Dibromofluoromethane	*114*			*71 2-125*	*%REC*	25	11/27/2006
Surr Dibromofluoromethane	*109*			*71 2-125*	*%REC*	200	11/27/2006
Surr Toluene-d8	*114*			*75-125*	*%REC*	1	11/21/2006
Surr Toluene-d8	*114*			*75-125*	*%REC*	25	11/27/2006
Surr Toluene-d8	*112*			*75-125*	*%REC*	200	11/27/2006

Qualifiers.

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P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	RW2 (Rinsate Balnk)
Work Order:	0611360	**Collection Date:**	11/18/2006 10:00:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611360-05	**Matrix:**	WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		Method **SW8260**					Analyst: **PC**
1,1,1-Trichloroethane	U		0 60	5.0	µg/L	1	11/21/2006
1,1,2,2-Tetrachloroethane	U		1 5	5 0	µg/L	1	11/21/2006
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	11/21/2006
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	11/21/2006
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	11/21/2006
1,2-Dichloroethane	U		0.50	5 0	µg/L	1	11/21/2006
1,2-Dichloropropane	U		0 70	5.0	µg/L	1	11/21/2006
2-Butanone	U		0 80	10	µg/L	1	11/21/2006
Benzene	U		0 60	5 0	µg/L	1	11/21/2006
Bromoform	U		0 80	5 0	µg/L	1	11/21/2006
Bromomethane	U		0 50	5.0	µg/L	1	11/21/2006
Carbon tetrachloride	U		0 60	5 0	µg/L	1	11/21/2006
Chlorobenzene	U		0 50	5 0	µg/L	1	11/21/2006
Chloroethane	U		0 60	5 0	µg/L	1	11/21/2006
Chloroform	U		0 50	5 0	µg/L	1	11/21/2006
Chloromethane	U		0 50	5 0	µg/L	1	11/21/2006
cis-1,3-Dichloropropene	U		0 50	5.0	µg/L	1	11/21/2006
Dichloromethane	U		0 60	10	µg/L	1	11/21/2006
Ethylbenzene	U		0 50	5 0	µg/L	1	11/21/2006
Tetrachloroethene	U		0 50	5 0	µg/L	1	11/21/2006
Toluene	U		0 50	5 0	µg/L	1	11/21/2006
trans-1,2-Dichloroethene	U		0 60	5.0	µg/L	1	11/21/2006
trans-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/21/2006
Trichloroethene	U		0 70	5.0	µg/L	1	11/21/2006
Vinyl chloride	U		0 60	2.0	µg/L	1	11/21/2006
Xylenes, Total	U		1.5	15	µg/L	1	11/21/2006
Surr: 1,2-Dichloroethane-d4	*105*			*70-125*	*%REC*	1	11/21/2006
Surr: 4-Bromofluorobenzene	*113*			*72 4-125*	*%REC*	1	11/21/2006
Surr: Dibromofluoromethane	*103*			*71 2-125*	*%REC*	1	11/21/2006
Surr: Toluene-d8	*113*			*75-125*	*%REC*	1	11/21/2006

Qualifiers:

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- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc. **Date:** *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	TB2 (Trip Blank)
Work Order:	0611360	**Collection Date:**	11/18/2006
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611360-06	**Matrix:**	TRIP BLANK

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		Method: SW8260					Analyst PC
1,1,1-Trichloroethane	U		0.60	5.0	µg/L	1	11/21/2006
1,1,2,2-Tetrachloroethane	U		1.5	5.0	µg/L	1	11/21/2006
1,1,2-Trichloroethane	U		0.50	5.0	µg/L	1	11/21/2006
1,1-Dichloroethane	U		0.50	5.0	µg/L	1	11/21/2006
1,1-Dichloroethene	U		0.60	5.0	µg/L	1	11/21/2006
1,2-Dichloroethane	U		0.50	5.0	µg/L	1	11/21/2006
1,2-Dichloropropane	U		0.70	5.0	µg/L	1	11/21/2006
2-Butanone	U		0.80	10	µg/L	1	11/21/2006
Benzene	U		0.60	5.0	µg/L	1	11/21/2006
Bromoform	U		0.80	5.0	µg/L	1	11/21/2006
Bromomethane	U		0.50	5.0	µg/L	1	11/21/2006
Carbon tetrachloride	U		0.60	5.0	µg/L	1	11/21/2006
Chlorobenzene	U		0.50	5.0	µg/L	1	11/21/2006
Chloroethane	U		0.60	5.0	µg/L	1	11/21/2006
Chloroform	U		0.50	5.0	µg/L	1	11/21/2006
Chloromethane	U		0.50	5.0	µg/L	1	11/21/2006
cis-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/21/2006
Dichloromethane	U		0.80	10	µg/L	1	11/21/2006
Ethylbenzene	U		0.50	5.0	µg/L	1	11/21/2006
Tetrachloroethene	U		0.50	5.0	µg/L	1	11/21/2006
Toluene	U		0.50	5.0	µg/L	1	11/21/2006
trans-1,2-Dichloroethene	U		0.60	5.0	µg/L	1	11/21/2006
trans-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/21/2006
Trichloroethene	U		0.70	5.0	µg/L	1	11/21/2006
Vinyl chloride	U		0.60	2.0	µg/L	1	11/21/2006
Xylenes, Total	U		1.5	15	µg/L	1	11/21/2006
Surr: 1,2-Dichloroethane-d4	*110*			*70-125*	*%REC*	1	11/21/2006
Surr: 4-Bromofluorobenzene	*114*			*72.4-125*	*%REC*	1	11/21/2006
Surr: Dibromofluoromethane	*104*			*71.2-125*	*%REC*	1	11/21/2006
Surr: Toluene-d8	*115*			*75-125*	*%REC*	1	11/21/2006

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

QC Batch Summary Report

Golder Associates, Inc.
CRI Superfund
Work Order 0611360

CLIENT: Golder Associates, Inc
Work Order: 0611360
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44082** Instrument ID **VOA1** Method. **SW8260**

LCS Sample ID **VLCSW-061121** Units **µg/L** Analysis Date· **11/21/06 11:35**

Client ID Run ID **VOA1_061121A** SeqNo· **1001094** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	52.25	5.0	50	0	104	79 6-120	0			
1,1,2,2-Tetrachloroethane	46 05	5 0	50	0	92 1	78.9-121	0			
1,1,2-Trichloroethane	46.01	5.0	50	0	92	80-120	0			
1,1-Dichloroethane	47.27	5 0	50	0	94.5	74.2-122	0			
1,1-Dichloroethene	54 28	5.0	50	0	109	75.8-122	0			
1,2-Dichloroethane	46 66	5 0	50	0	93.3	78.8-120	0			
1,2-Dichloropropane	45.96	5 0	50	0	91.9	80-120	0			
2-Butanone	92 88	10	100	0	92.9	69.2-131	0			
Benzene	48 18	5.0	50	0	96 4	80-120	0			
Bromoform	47.01	5 0	50	0	94	78 1-120	0			
Bromomethane	47 6	5.0	50	0	95 2	52.8-147	0			
Carbon tetrachloride	55.27	5 0	50	0	111	76 8-120	0			
Chlorobenzene	46 91	5.0	50	0	93.8	80-120	0			
Chloroethane	49 47	5 0	50	0	98.9	74 2-120	0			
Chloroform	48 46	5 0	50	0	96 9	80-120	0			
Chloromethane	47 46	5 0	50	0	94.9	63 5-133	0			
cis-1,3-Dichloropropene	47.19	5.0	50	0	94.4	80-120	0			
Dichloromethane	44 13	10	50	0	88 3	74.7-120	0			
Ethylbenzene	47 83	5 0	50	0	95.7	80-120	0			
Tetrachloroethene	50.72	5 0	50	0	101	80-120	0			
Toluene	48 2	5.0	50	0	96 4	80-120	0			
trans-1,2-Dichloroethene	49 16	5 0	50	0	98.3	75 9-122	0			
trans-1,3-Dichloropropene	46 75	5 0	50	0	93.5	80-120	0			
Trichloroethene	50 6	5.0	50	0	101	80-120	0			
Vinyl chloride	53 47	2 0	50	0	107	76.2-121	0			
Xylenes, Total	143 2	15	150	0	95 4	80-120	0			
Surr 1,2-Dichloroethane-d4	*53 73*	5.0	*50*	0	*107*	*70-125*	0			
Surr 4-Bromofluorobenzene	57 29	5 0	50	0	115	72 4-125	0			
Surr Dibromofluoromethane	*52 31*	5 0	*50*	0	*105*	*71 2-125*	0			
Surr Toluene-d8	*58 27*	5 0	*50*	0	*117*	*75-125*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611360
Project: CRJ-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID R44082 Instrument ID VOA1 Method SW8260

MS Sample ID 0611360-02AMS Units µg/L Analysis Date 11/21/06 17:03
Client ID GW-MW05-111806 Run ID VOA1_061121A SeqNo: 1001975 Prep Date DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	40 56	5 0	50	0	81 1	79.6-120	0			
1,1,2,2-Tetrachloroethane	52 71	5.0	50	0	105	78.9-121	0			
1,1,2-Trichloroethane	53.02	5 0	50	0	106	80-120	0			
1,1-Dichloroethane	47.21	5 0	50	0	94 4	74.2-122	0			
1,1-Dichloroethene	38 31	5.0	50	0	76.6	75 8-122	0			
1,2-Dichloroethane	51	5.0	50	0	102	78.6-120	0			
1,2-Dichloropropane	49.43	5 0	50	0	98.9	80-120	0			
2-Butanone	106	10	100	0	106	69 2-131	0			
Benzene	46 94	5.0	50	0	93.9	80-120	0			
Bromoform	53 23	5 0	50	0	106	78 1-120	0			
Bromomethane	43.55	5 0	50	0	87.1	52.8-147	0			
Carbon tetrachloride	37.23	5.0	50	0	74 5	76.8-120	0			S
Chlorobenzene	47 67	5 0	50	0	95 3	80-120	0			
Chloroethane	40.27	5 0	50	0	80.5	74.2-120	0			
Chloroform	49 1	5 0	50	0	98.2	80-120	0			
Chloromethane	41.12	5.0	50	0	82.2	63 5-133	0			
cis-1,3-Dichloropropene	49.05	5 0	50	0	98 1	80-120	0			
Dichloromethane	46.74	10	50	0	93.5	74 7-120	0			
Ethylbenzene	44 01	5 0	50	0	88	80-120	0			
Tetrachloroethene	41 45	5 0	50	0	82.9	80-120	0			
Toluene	47.87	5 0	50	0	95 7	80-120	0			
trans-1,2-Dichloroethene	45 18	5.0	50	0	90.4	75.9-122	0			
trans-1,3-Dichloropropene	50 33	5 0	50	0	101	80-120	0			
Trichloroethene	49.45	5 0	50	3 372	92 1	80-120	0			
Vinyl chloride	36 7	2 0	50	0	73 4	76.2-121	0			S
Xylenes, Total	137.6	15	150	0	91 8	80-120	0			
Surr 1,2-Dichloroethane-d4	*55 38*	5 0	*50*	0	*111*	*70-125*	0			
Surr 4-Bromofluorobenzene	*57 75*	5 0	*50*	0	*115*	*72 4-125*	0			
Surr Dibromofluoromethane	*53 02*	5.0	*50*	0	*106*	*71 2-125*	0			
Surr Toluene-d8	*60 34*	5 0	*50*	0	*121*	*75-125*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611360
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44082** Instrument ID **VOA1** Method **SW8260**

MSD Sample ID **0611360-02AMSD** Units. µg/L Analysis Date: **11/21/06 17:30**

Client ID **GW-MW06-111806** Run ID· **VOA1_061121A** SeqNo **1001976** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	46 48	5 0	50	0	93	79.6-120	40.56	13.6	20	
1,1,2,2-Tetrachloroethane	47 74	5.0	50	0	95.5	78.9-121	52 71	9 9	20	
1,1,2-Trichloroethane	50.54	5 0	50	0	101	80-120	53.02	4 79	20	
1,1-Dichloroethane	48.98	5 0	50	0	98	74.2-122	47.21	3.69	20	
1,1-Dichloroethene	45.38	5 0	50	0	90.8	75.8-122	38.31	16 9	20	
1,2-Dichloroethane	50 77	5.0	50	0	102	78.8-120	51	0 436	20	
1,2-Dichloropropane	48 96	5 0	50	0	97 9	80-120	49 43	0.957	20	
2-Butanone	88 74	10	100	0	88.7	69.2-131	106	17 7	20	
Benzene	49 61	5.0	50	0	99 2	80-120	46 94	5.53	20	
Bromoform	49.91	5 0	50	0	99.8	78.1-120	53.23	6 44	20	
Bromomethane	51.61	5.0	50	0	103	52.8-147	43 55	16.9	20	
Carbon tetrachloride	42 62	5.0	50	0	85.2	76.8-120	37 23	13.5	20	
Chlorobenzene	49 84	5 0	50	0	99 7	80-120	47.67	4 47	20	
Chloroethane	45.05	5.0	50	0	90 1	74.2-120	40 27	11 2	20	
Chloroform	51 49	5 0	50	0	103	80-120	49 1	4.75	20	
Chloromethane	45 96	5 0	50	0	91.9	63.6-133	41 12	11 1	20	
cis-1,3-Dichloropropene	49 3	5.0	50	0	98 6	80-120	49 05	0.508	20	
Dichloromethane	48 43	10	50	0	96.9	74.7-120	46.74	3 56	20	
Ethylbenzene	48 67	5 0	50	0	97 3	80-120	44 01	10 1	20	
Tetrachloroethene	45.92	5.0	50	0	91.8	80-120	41.45	10.2	20	
Toluene	51 08	5.0	50	0	102	80-120	47.87	6 49	20	
trans-1,2-Dichloroethene	51 43	5.0	50	0	103	75.9-122	45 18	12.9	20	
trans-1,3-Dichloropropene	47 63	5.0	50	0	95 3	80-120	50.33	5.51	20	
Trichloroethene	52 46	5.0	50	3 372	98.2	80-120	49 45	5.91	20	
Vinyl chloride	43 22	2.0	50	0	86 4	76.2-121	36.7	16.3	20	
Xylenes, Total	147 1	15	150	0	98	80-120	137 6	6 63	20	
Surr 1,2-Dichloroethane-d4	*52 73*	5.0	*50*	0	*105*	*70-125*	55.38	*4 88*	*20*	
Surr 4-Bromofluorobenzene	*55 74*	5.0	*50*	0	*111*	*72 4-125*	57 75	*3 54*	*20*	
Surr Dibromofluoromethane	*52 79*	5.0	*50*	0	*106*	*71 2-125*	53 02	*0 437*	*20*	
Surr Toluene-d8	*57 99*	5 0	*50*	0	*116*	*75-125*	60 34	*3 98*	*20*	

The following samples were analyzed in this batch:

0611360-01A	0611360-02A	0611360-04A
0611360-05A	0611360-06A	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611360
Project: CRJ-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: R44205 Instrument ID: VOA1 Method: SW8260

MBLK Sample ID: VBLKW-061127 Units: µg/L Analysis Date: 11/27/06 18:43
Client ID: Run ID: VOA1_061127A SeqNo: 1004770 Prep Date: DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	U	5.0								
Tetrachloroethene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
Trichloroethene	U	5.0								
Vinyl chloride	U	2.0								
Surr: 1,2-Dichloroethane-d4	51.82	5.0	50	0	104	70-125	0			
Surr: 4-Bromofluorobenzene	53.06	5.0	50	0	106	72.4-125	0			
Surr: Dibromofluoromethane	54.72	5.0	50	0	109	71.2-125	0			
Surr: Toluene-d8	54.84	5.0	50	0	110	75-125	0			

LCS Sample ID: VLCSW-061127 Units: µg/L Analysis Date: 11/27/06 17:49
Client ID: Run ID: VOA1_061127A SeqNo: 1004769 Prep Date: DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	49.72	5.0	50	0	99.4	75.8-122	0			
Tetrachloroethene	53.73	5.0	50	0	107	80-120	0			
trans-1,2-Dichloroethene	51.43	5.0	50	0	103	75.9-122	0			
Trichloroethene	47.08	5.0	50	0	94.1	80-120	0			
Vinyl chloride	48.93	2.0	50	0	97.9	76.2-121	0			
Surr: 1,2-Dichloroethane-d4	51.6	5.0	50	0	103	70-125	0			
Surr: 4-Bromofluorobenzene	59.99	5.0	50	0	120	72.4-125	0			
Surr: Dibromofluoromethane	52.92	5.0	50	0	106	71.2-125	0			
Surr: Toluene-d8	58.33	5.0	50	0	117	75-125	0			

MS Sample ID: 0611361-06AMS Units: µg/L Analysis Date: 11/27/06 21:54
Client ID: Run ID: VOA1_061127A SeqNo: 1004772 Prep Date: DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	3142	5.0	50	3671	-1060	75.8-122	0			SEO
Tetrachloroethene	54.76	5.0	50	15.76	78	80-120	0			S
trans-1,2-Dichloroethene	57.43	5.0	50	10.72	93.4	75.9-122	0			
Trichloroethene	5947	5.0	50	6606	-1320	80-120	0			SEO
Vinyl chloride	220.7	2.0	50	243.3	-45.3	76.2-121	0			SEO
Surr: 1,2-Dichloroethane-d4	53.56	5.0	50	0	107	70-125	0			
Surr: 4-Bromofluorobenzene	53.61	5.0	50	0	107	72.4-125	0			
Surr: Dibromofluoromethane	53.42	5.0	50	0	107	71.2-125	0			
Surr: Toluene-d8	56	5.0	50	0	112	75-125	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611360
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44205** Instrument ID **VOA1** Method **SW8260**

MSD Sample ID **0611361-06AMSD** Units **µg/L** Analysis Date: **11/27/06 22:21**

Client ID: Run ID: **VOA1_061127A** SeqNo: **1004773** Prep Date. DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	2969	5.0	50	3671	-1400	75.8-122	3142	5.65	20	SEO
Tetrachloroethene	57 19	5 0	50	15.76	82.9	80-120	54 76	4 35	20	
trans-1,2-Dichloroethene	61 91	5 0	50	10 72	102	75.9-122	57.43	7 51	20	
Trichloroethene	5651	5 0	50	6606	-1910	80-120	5947	5.09	20	SEO
Vinyl chloride	248 7	2 0	50	243.3	10 8	76.2-121	220.7	11.9	20	SEO
Surr 1,2-Dichloroethane-d4	*54.04*	5.0	*50*	0	*108*	*70-125*	53.58	*0 896*	*20*	
Surr 4-Bromofluorobenzene	*56 44*	5.0	*50*	0	*113*	*72 4-125*	53.61	*5 14*	*20*	
Surr Dibromofluoromethane	*56.34*	5.0	*50*	0	113	*71 2-125*	53 42	5 32	20	
Surr Toluene-d8	*57 33*	5.0	*50*	0	*115*	*75-125*	58	*2 34*	*20*	

The following samples were analyzed in this batch: 0611360-01A 0611360-04A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611360
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44364** Instrument ID **VOA1** Method **SW8260**

MBLK Sample ID **VBLKW-061128** Units **µg/L** Analysis Date **11/28/06 15:29**

Client ID Run ID **VOA1_061128A** SeqNo **1004891** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
2-Butanone	U	10								
Benzene	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	5.0								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	5.0								
Chloroform	U	5.0								
Chloromethane	U	5.0								
cis-1,3-Dichloropropene	U	5.0								
Dichloromethane	U	10								
Ethylbenzene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								
Vinyl chloride	U	2.0								
Xylenes, Total	U	15								
Surr: 1,2-Dichloroethane-d4	*55.03*	5.0	*50*	0	*110*	*70-125*		0		
Surr: 4-Bromofluorobenzene	*54.8*	5.0	*50*	0	*110*	*72.4-125*		0		
Surr: Dibromofluoromethane	*51.92*	5.0	*50*	0	*104*	*71.2-125*		0		
Surr: Toluene-d8	*56.91*	5.0	*50*	0	*114*	*75-125*		0		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611360
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44354** Instrument ID **VOA1** Method: **SW8260**

LCS Sample ID **VLCSW-061128** Units µg/L Analysis Date **11/28/06 14:34**

Client ID Run ID: **VOA1_061128A** SeqNo **1004890** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	51.37	5.0	50	0	103	79.6-120	0			
1,1,2,2-Tetrachloroethane	48.06	5.0	50	0	96.2	78.9-121	0			
1,1,2-Trichloroethane	53.17	5.0	50	0	106	80-120	0			
1,1-Dichloroethane	49.47	5.0	50	0	98.9	74.2-122	0			
1,1-Dichloroethene	51.02	5.0	50	0	102	75.8-122	0			
1,2-Dichloroethane	47.46	5.0	50	0	94.9	78.8-120	0			
1,2-Dichloropropane	48.1	5.0	50	0	96.2	80-120	0			
2-Butanone	103	10	100	0	103	69.2-131	0			
Benzene	48.48	5.0	50	0	97	80-120	0			
Bromoform	53.08	5.0	50	0	106	78.1-120	0			
Bromomethane	53.14	5.0	50	0	106	52.8-147	0			
Carbon tetrachloride	48.5	5.0	50	0	97	76.8-120	0			
Chlorobenzene	49.35	5.0	50	0	98.7	80-120	0			
Chloroethane	50.65	5.0	50	0	101	74.2-120	0			
Chloroform	49.26	5.0	50	0	98.5	80-120	0			
Chloromethane	46.63	5.0	50	0	93.3	63.5-133	0			
cis-1,3-Dichloropropene	48.22	5.0	50	0	96.4	80-120	0			
Dichloromethane	47.12	10	50	0	94.2	74.7-120	0			
Ethylbenzene	49.08	5.0	50	0	98.2	80-120	0			
Tetrachloroethene	49.06	5.0	50	0	98.1	80-120	0			
Toluene	50.93	5.0	50	0	102	80-120	0			
trans-1,2-Dichloroethene	52.38	5.0	50	0	105	75.9-122	0			
trans-1,3-Dichloropropene	45.61	5.0	50	0	91.2	80-120	0			
Trichloroethene	49.95	5.0	50	0	99.9	80-120	0			
Vinyl chloride	51.35	2.0	50	0	103	76.2-121	0			
Xylenes, Total	149.6	15	150	0	99.7	80-120	0			
Surr: 1,2-Dichloroethane-d4	*49.87*	5.0	*50*	0	*99.7*	*70-125*	0			
Surr: 4-Bromofluorobenzene	*52.63*	5.0	*50*	0	*105*	*72.4-125*	0			
Surr: Dibromofluoromethane	*56.63*	5.0	*50*	0	*113*	*71.2-125*	0			
Surr: Toluene-d8	*53*	5.0	*50*	0	*106*	*75-125*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611360
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44354** Instrument ID **VOA1** Method **SW8260**

MS Sample ID: **0611361-08AMS** Units **µg/L** Analysis Date: **11/28/06 21:00**

Client ID Run ID: **VOA1_061128A** SeqNo: **1004903** Prep Date. DF **200**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	9891	1,000	10000	0	98.9	79.6-120	0			
1,1,2,2-Tetrachloroethane	9264	1,000	10000	0	92 6	78.9-121	0			
1,1,2-Trichloroethane	11050	1,000	10000	0	110	80-120	0			
1,1-Dichloroethane	9666	1,000	10000	0	96 7	74.2-122	0			
1,1-Dichloroethene	10050	1,000	10000	0	100	75.8-122	0			
1,2-Dichloroethane	9602	1,000	10000	0	96	78 8-120	0			
1,2-Dichloropropane	8891	1,000	10000	0	88.9	80-120	0			
2-Butanone	19620	2,000	20000	0	98.1	69.2-131	0			
Benzene	9312	1,000	10000	0	93.1	80-120	0			
Bromoform	10170	1,000	10000	0	102	78 1-120	0			
Bromomethane	10530	1,000	10000	0	105	52.8-147	0			
Carbon tetrachloride	9357	1,000	10000	0	93 6	76 8-120	0			
Chlorobenzene	9635	1,000	10000	0	96 4	80-120	0			
Chloroethane	9780	1,000	10000	0	97 8	74.2-120	0			
Chloroform	9888	1,000	10000	0	98 9	80-120	0			
Chloromethane	9147	1,000	10000	0	91 5	63 5-133	0			
cis-1,3-Dichloropropene	9647	1,000	10000	0	96.5	80-120	0			
Dichloromethane	10020	2,000	10000	0	100	74 7-120	0			
Ethylbenzene	9989	1,000	10000	0	99 9	80-120	0			
Tetrachloroethene	10180	1,000	10000	0	102	80-120	0			
Toluene	10500	1,000	10000	0	105	80-120	0			
trans-1,2-Dichloroethene	10430	1,000	10000	0	104	75 9-122	0			
trans-1,3-Dichloropropene	9518	1,000	10000	0	95 2	80-120	0			
Trichloroethene	9729	1,000	10000	0	97.3	80-120	0			
Vinyl chloride	9923	400	10000	0	99.2	76.2-121	0			
Xylenes, Total	29410	3,000	30000	0	98	80-120	0			
Surr: 1,2-Dichloroethane-d4	*10890*	1,000	*10000*	0	*109*	*70-125*	0			
Surr: 4-Bromofluorobenzene	*11710*	1,000	*10000*	0	*117*	*72 4-125*	0			
Surr: Dibromofluoromethane	*10900*	1,000	*10000*	0	*109*	*71 2-125*	0			
Surr: Toluene-d8	*12080*	1,000	*10000*	0	*121*	*75-125*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611360
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44354** Instrument ID **VOA1** Method **SW8260**

MSD Sample ID: **0611361-08AMSD** Units: µg/L Analysis Date **11/28/06 21:27**

Client ID Run ID **VOA1_061128A** SeqNo **1004904** Prep Date DF **200**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	9412	1,000	10000	0	94 1	79 6-120	9891	4 97	20	
1,1,2,2-Tetrachloroethane	9704	1,000	10000	0	97	78.9-121	9264	4 64	20	
1,1,2-Trichloroethane	9493	1,000	10000	0	94.9	80-120	11050	15 1	20	
1,1-Dichloroethane	9036	1,000	10000	0	90.4	74.2-122	9666	6.74	20	
1,1-Dichloroethene	8870	1,000	10000	0	88 7	75.8-122	10050	12.5	20	
1,2-Dichloroethane	9841	1,000	10000	0	98 4	78 8-120	9602	2 46	20	
1,2-Dichloropropane	10060	1,000	10000	0	101	80-120	8891	12 4	20	
2-Butanone	16690	2,000	20000	0	83 4	69.2-131	19620	16.1	20	
Benzene	10090	1,000	10000	0	101	80-120	9312	7.99	20	
Bromoform	9123	1,000	10000	0	91.2	78.1-120	10170	10.9	20	
Bromomethane	10870	1,000	10000	0	107	52 8-147	10530	1 41	20	
Carbon tetrachloride	9502	1,000	10000	0	95	76.8-120	9357	1.54	20	
Chlorobenzene	9869	1,000	10000	0	98 7	80-120	9635	2 4	20	
Chloroethane	9097	1,000	10000	0	91	74.2-120	9780	7 24	20	
Chloroform	9179	1,000	10000	0	91.8	80-120	9888	7 43	20	
Chloromethane	9094	1,000	10000	0	90 9	63.5-133	9147	0.579	20	
cis-1,3-Dichloropropene	9927	1,000	10000	0	99 3	80-120	9847	2 86	20	
Dichloromethane	9425	2,000	10000	0	94.3	74 7-120	10020	6 11	20	
Ethylbenzene	9004	1,000	10000	0	90	80-120	9989	10 4	20	
Tetrachloroethene	8933	1,000	10000	0	89.3	80-120	10180	13	20	
Toluene	9111	1,000	10000	0	91.1	80-120	10500	14.2	20	
trans-1,2-Dichloroethene	9027	1,000	10000	0	90.3	75.9-122	10430	14 4	20	
trans-1,3-Dichloropropene	9362	1,000	10000	0	93 6	80-120	9518	1 65	20	
Trichloroethene	10120	1,000	10000	0	101	80-120	9729	3 93	20	
Vinyl chloride	9091	400	10000	0	90 9	76.2-121	9923	8.74	20	
Xylenes, Total	28930	3,000	30000	0	96 4	80-120	29410	1 65	20	
Surr 1,2-Dichloroethane-d4	*9890*	1,000	*10000*	0	*98 9*	*70-125*	10890	*9 63*	*20*	
Surr 4-Bromofluorobenzene	*9798*	1,000	*10000*	0	*98*	*72 4-125*	11710	*17 8*	*20*	
Surr Dibromofluoromethane	*10680*	1,000	*10000*	0	*107*	*71 2-125*	10900	*1 99*	*20*	
Surr Toluene-d8	*10610*	1,000	*10000*	0	*106*	*75-125*	12080	*13*	*20*	

The following samples were analyzed in this batch: 0611360-03A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

MDLs & MQLs

Golder Associates, Inc.
CRI Superfund
Work Order 0611360

e-Lab Analytical, Inc. **Date:** Dec 01, 2006

Test Code: 8260_TCL_W
Test Number: SW8260
Test Name: TCL Volatile Organics
Matrix: Aqueous **Units:** µg/L

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	1,1,1-Trichloroethane	71-55-6	0.6	5
A	1,1,2,2-Tetrachloroethane	79-34-5	1.5	5
A	1,1,2-Trichloroethane	79-00-5	0.5	5
A	1,1-Dichloroethane	75-34-3	0.5	5
A	1,1-Dichloroethene	75-35-4	0.6	5
A	1,2-Dichloroethane	107-06-2	0.5	5
A	1,2-Dichloropropane	78-87-5	0.7	5
A	2-Butanone	78-93-3	0.8	10
A	Benzene	71-43-2	0.6	5
A	Bromoform	75-25-2	0.8	5
A	Bromomethane	74-83-9	0.5	5
A	Carbon tetrachloride	56-23-5	0.6	5
A	Chlorobenzene	108-90-7	0.5	5
A	Chloroethane	75-00-3	0.6	5
A	Chloroform	67-66-3	0.5	5
A	Chloromethane	74-87-3	0.5	5
A	cis-1,3-Dichloropropene	10061-01-5	0.5	5
A	Dichloromethane	75-09-2	0.6	10
A	Ethylbenzene	100-41-4	0.5	5
A	Tetrachloroethene	127-18-4	0.5	5
A	Toluene	108-88-3	0.5	5
A	trans-1,2-Dichloroethene	156-60-5	0.6	5
A	trans-1,2-Dichloroethene	156-60-5	0.6	2.5
A	trans-1,3-Dichloropropene	10061-02-6	0.5	5
A	Trichloroethene	79-01-6	0.7	5
A	Vinyl chloride	75-01-4	0.6	2
M	Xylenes, Total	1330-20-7	1.5	15
S	Surr. 1,2-Dichloroethane-d4	17060-07-0	0	5
S	Surr 4-Bromofluorobenzene	460-00-4	0	5
S	Surr Dibromofluoromethane	1868-53-7	0	5
S	Surr Toluene-d8	2037-26-5	0	5

Golder Associates, Inc.

CRI Superfund

Work Order 0611361

The total number of pages in this document is _____

TABLE OF CONTENTS
Work Order 0611361

- TRRP Laboratory Data Package Cover Sheet
- TRRP Checklist
- Sample Summary Table
- Chain of Custody and Sample Receipt Checklist
- Analytical Report
- QC Batch Summary Report
- MDLs and MQLs
- Volatiles Raw Data

e-Lab Analytical, Inc. **Date:** *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**TRRP Laboratory Data Package Cover Page**
Project:	CRI-Superfund Wiley, Texas	
Work Order:	0611361	

This data package consists of all or some of the following as applicable:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation:

R2 Sample identification cross-reference

R3 Test reports (analytical data sheets) for each environmental sample that includes:
- a) Items consistent with NELAC 5 13 or ISO/IEC 17025 Section 5.10
- b) dilution factors,
- c) preparation methods,
- d) cleanup methods, and
- e) if required for the project, tentatively identified compounds (TICs).

R4 Surrogate recovery data including:
- a) Calculated recovery (%R), and
- b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms for laboratory control samples (LCSs) including:
- a) LCS spiking amounts,
- b) Calculated %R for each analyte, and
- c)The laboratory's LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
- a) Samples associated with the MS/MSD clearly identified,
- b) MS/MSD spiking amounts,
- c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
- d) Calculated %Rs and relative percent differences (RPDs), and
- e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) recovery and precision:
- a) the amount of analyte measured in the duplicate,
- b) the calculated RPD, and
- c) the laboratory's QC limits for analytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;?

R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release Statement I am responsible for the release of this laboratory data package This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exception reports By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratory in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data

Check, if applicable· [NA] This laboratory is an in-house laboratory controlled by the person responding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Patricia L. Lynch

Patricia L. Lynch

Project Manager

Laboratory Review Checklist: Reportable Data

Laboratory Name: e-Lab Analytical, Inc.	LRC Date: 12/28/2006
Project Name: CRI Superfund Wiley	Laboratory Job Number: 0611360
Reviewer Name: Patricia L. Lynch	Prep Batch Number(s): R44205, R44354 and R44402

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**CHAIN-OF-CUSTODY (C-O-C)**					
		1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		2) Were all departures from standard conditions described in an exception report?	X				
R2	OI	**SAMPLE AND QUALITY CONTROL (QC) IDENTIFICATION**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**TEST REPORTS**					
		1) Were all samples prepared and analyzed within holding times?	X				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample quantitation limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?			X		
		7) Was % moisture (or solids) reported for all soil and sediment samples?			X		
		8) If required for the project, TICs reported?			X		
R4	O	**SURROGATE RECOVERY DATA**					
		1) Were surrogates added prior to extraction?		X			1
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	**TEST REPORTS/SUMMMARY FORMS FOR BLANK SAMPLES**					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?	X				
R6	OI	**LABORATORY CONTROL SAMPLES (LCS):**					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	X				
		6) Was the LCSD RPD within QC limits?	X				
R7	OI	**MATRIX SPIKE (MS) AND MATRIX SPIKE DUPLICATE (MSD) DATA**					
		1) Were the project/method specified analytes included in the MS and MSD?	X				
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			2
		4) Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**ANALYTICAL DUPLICATE DATA**					
		1) Were appropriate analytical duplicates analyzed for each matrix?			X		
		2) Were analytical duplicates analyzed at the appropriate frequency?			X		
		3) Were RPDs or relative standard deviations within the laboratory QC limits?			X		
R9	OI	**METHOD QUANTITATION LIMITS (MQLS):**					
		1) Are the MQLs for each method analyte listed and included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs included in the laboratory data package?	X				
R10	OI	**OTHER PROBLEMS/ANOMALIES**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		2) Were all necessary corrective actions performed for the reported data?	X				
		3) If requested, is the justification for elevated SQLs documented?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted in o the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period

2 O = organic analyses, I = inorganic analyses (and general chemistry, when applicable),

3 NA = Not applicable,

4 NR = Not Reviewed,

5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked)

Laboratory Review Checklist: Supporting Data								
Laboratory Name: c-lab Analytical, Inc			LRC Date: 12/28/2006					
Project Name. CRI Superfund Wiley			Laboratory Job Number: 0611360					
Reviewer Name. Patricia L. Lynch			Prep Batch Number(s): R44205, R44354 and R44402					
#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]	
S1	OI	**INITIAL CALIBRATION (ICAL)**						
		1) Were response factors (RFs) and/or relative response factors (RRFs) for each analyte within the QC limits?	X					
		2) Were percent RSDs or correlation coefficient criteria met?	X					
		3) Was the number of standards recommended in the method used for all analytes?	X					
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X					
		5) Are ICAL data available for all instruments used?	X					
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X					
S2	OI	**INITIAL AND CONTINUING CALIBRATION VERIFICATION (ICCV AND CCV) AND**						
		1) Was the CCV analyzed at the method-required frequency?	X					
		2) Were percent differences for each analyte within the method-required QC limits?	X					
		3) Was the ICAL curve verified for each analyte?	X					
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X			
S3	O	**MASS SPECTRAL TUNING:**						
		1) Was the appropriate compound for the method used for tuning?	X					
		2) Were ion abundance data within the method-required QC limits?	X					
S4	O	**INTERNAL STANDARDS (IS):**						
		Were IS area counts and retention times within the method-required QC limits?	X					
S5	OI	**RAW DATA (NELAC SECTION 1 APPENDIX A GLOSSARY, AND SECTION 5.12 OR**						
		1) Were the raw data (e.g., chromatograms, spectral data) reviewed by an analyst?	X					
		2) Were data associated with manual integrations flagged on the raw data?	X					
S6	O	**DUAL COLUMN CONFIRMATION**						
		Did dual column confirmation results meet the method-required QC?			X			
S7	O	**TENTATIVELY IDENTIFIED COMPOUNDS (TICS):**						
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X			
S8	I	**INTERFERENCE CHECK SAMPLE (ICS) RESULTS:**						
		Were percent recoveries within method QC limits?			X			
S9	I	**SERIAL DILUTIONS, POST DIGESTION SPIKES, AND METHOD OF STANDARD**						
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X			
S10	OI	**PROFICIENCY TEST REPORTS:**						
		Are proficiency testing or inter-laboratory comparison results on file?	X					
S11	OI	**METHOD DETECTION LIMIT (MDL) STUDIES**						
		1) Was a MDL study performed for each reported analyte?	X					
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X					
S12	OI	**STANDARDS DOCUMENTATION**						
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X					
S13	OI	**COMPOUND/ANALYTE IDENTIFICATION PROCEDURES**						
		Are the procedures for compound/analyte identification documented?	X					
S14	OI	**DEMONSTRATION OF ANALYST COMPETENCY (DOC)**						
		1) Was DOC conducted consistent with NELAC 5C or ISO/IEC 4.2.2?	X					
		2) Is documentation of the analyst's competency up-to-date and on file?	X					
S15	OI	**VERIFICATION/VALIDATION DOCUMENTATION FOR METHODS**						
		Are all the methods used to generate the data documented, verified, and validated, where applicable, (NELAC 5.10 2 or ISO/IEC 17025 Section 5 4.5)?	X					
S16	OI	**LABORATORY STANDARD OPERATING PROCEDURES (SOPS):**						
		Are laboratory SOPs current and on file for each method performed?	X					

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period
2 O = organic analyses, I = inorganic analyses (and general chemistry, when applicable)
3 NA = Not applicable
4 NR = Not Reviewed
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked)

Laboratory Review Checklist: Exception Report		
Laboratory Name: e-Lab Analytical, Inc		LRC Date: 12/28/2006
Project Name: CRI Superfund Wiley		Laboratory Job Number: 0611360
Reviewer Name: Patricia L Lynch		Prep Batch Number(s): R44205, R44354 and R44402
ER #[1]	DESCRIPTION	
1	Volatiles surrogate recovery for 4-Bromofluorobenzene is marginally above the control limits in sample GW-MW14-111706 (25X dilution). All surrogate recoveries are in control in the 1X and 200X dilutions.	
2	Batch R44205 Volatiles MS/MSD recoveries for several target compounds in sample GW-MW14-111706 are outside the control limits due to matrix interference. Some data is also flagged with E and O due to the concentrations in the background sample.	
	Batch R44402 Volatiles MS/MSD is an unrelated sample.	

1 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

e-Lab Analytical, Inc. **Date:** *December 01, 2006*

CLIENT: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas
Work Order: **0611361**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
0611361-01	GW-MW07-111706	Water		11/17/2006 08:30	11/18/2006 08:20	☐
0611361-02	GW-MW08-111706	Water		11/17/2006 08:50	11/18/2006 08:20	☐
0611361-03	GW-MW11-111706	Water		11/17/2006 09:30	11/18/2006 08.20	☐
0611361-04	GW-MW10-111706	Water		11/17/2006 09:55	11/18/2006 08.20	☐
0611361-05	GW-MW03-111706	Water		11/17/2006 10:20	11/18/2006 08:20	☐
0611361-06	GW-MW14-111706	Water		11/17/2006 10:40	11/18/2006 08.20	☐
0611361-07	GW-MW13-111706	Water		11/17/2006 11.08	11/18/2006 08.20	☐
0611361-08	GW-MW12-111706	Water		11/17/2006 12:50	11/18/2006 08 20	☐
0611361-09	GWMW06-111706	Water		11/17/2006 13:10	11/18/2006 08:20	☐
0611361-10	GW-MW02-111706	Water		11/17/2006 13:40	11/18/2006 08:20	☐
0611361-11	GW-MW01-111706	Water		11/17/2006 14:10	11/18/2006 08:20	☐
0611361-12	DW-1	Water		11/17/2006	11/18/2006 08:20	☐
0611361-13	Trip Blank	Water		11/17/2006 14:10	11/18/2006 08 20	☐
0611361-14	RW-1	Water		11/17/2006 14.20	11/18/2006 08 20	☐

QUALITY · INTEGRITY · SERVICE

Houston, Texas 77099
(Tel) 281 530 5656
(Fax) 281 530 5887

Holland, Michigan 49424
(Tel) 616 399 6070
(Fax) 616.399.6185

e-Lab Project Manager:

e-Lab Work Order #: 06136

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order	063-4900	Project Name	Wylie, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	
				F	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	GW-MW07-111706	11/17/06	0830	W	HCL	3	✓										
2	GW-MW08-111706		0850														
3	GW-MW11-111706		0930														
4	GW-MW10-111706		0955														
5	GW-MW03-111706		1020														
6	GW-MW14-111706		1040														
7	GW-MW13-111706		1108														
8	GW-MW12-111706		1250														
9	MS1		—														
10	MS02 MSD1 JGT		—														

Sampler(s) Please Print & Sign: Jack Pitt

Shipment Method: Fed EX

Required Turnaround Time: (Check Box) 10 Day TAT

Results Due Date:

Relinquished by: Date: 11/17/06 Time: 1600 Received by:

Relinquished by: Date: Time: Received by Laboratory: 11/18/06 18:20

Logged by (Laboratory): Date: Time: Checked by (Laboratory):

Notes:

e-Lab Analytical Cooler ID: Cooler Temp.:

EDD Format (Check One Box Below): TRRP Checklist

- Level III Std QC/Raw Data
- TRRP Level IV
- Level IV SW846/CLP
- Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.

2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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Page 2 of 2

Holland, Michigan 49424
(Tel) 616 399 6070
(Fax) 616 399 6185

e-Lab Project Manager: | e-Lab Work Order: 0611046

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name:	Wylie, TX	A	VOC (8260) TCL
Work Order		Project Number:		B	Total Metals (6020) PPL
Company Name:	Golder Associates, Inc	Bill to Company:	Golder Associates, Inc.	C	Moisture
Send Report To:	Jack Pitt	Invoice Attn:	Jack Pitt	D	
Address:	500 Century Plaza Drive Suite 190	Address:	500 Century Plaza Drive Suite 190	E	
City/State/Zip:	Houston, TX 77073	City/State/Zip:	Houston, TX 77073	F	
Phone:	(281) 821-6868	Phone:	(281) 821-6868	G	
Fax:	(281) 821-6870	Fax:	(281) 821-6870	H	
e-Mail Address:		e-Mail Address:		I	

No.	Sample Description	Date	Time	Matrix	Preservative	# Bottles	A	B	C	D	E	F	G	H	I	J	K	Hold
1	GW-MW06-111706	11/17/06	1310	W	HCL	3	✓											
2	GW-MW02-111706		1340	↓	↓	↓	✓											
3	GW-MW01-111706		1410	↓	↓	↓	✓											
4	DW1		—	W	HCL	3	✓											
5	TB1 (Trip Blank)	↓	—	W	HCL	2	✓											
6	RW1	11/17/06	1420	W	HCL	3	✓											
7																		
8																		
9																		
10																		

Sampler(s) Please Print & Sign: Steve Pitt, Jack Pitt

Shipment Method: Fed EX

Required Turnaround Time: (Check Box) 10 Day TAT:

Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Notes:
Jack Pitt	11/17/06	1600		
Relinquished by:	Date:	Time:	Received by (Laboratory): 11/18/06 VB 7:6	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

e-Lab Analysis Code ID | Grade Type

Check One Box Below for Deliverables Checklist:
- ☐ Level II Std QC/Raw Data
- ☐ Level IV SW846/CLP
- ☐ TRRP Level IV
- ☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-NaHSO4 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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e-Lab Analytical, Inc.

Sample Receipt Checklist

Client Name GOLDER-HOU | Date/Time Received 11/18/2006 8:20:00 AM

Work Order Number 0611361 | Received by RNG

Checklist completed by [illegible] 11-20-06 (Date) | Reviewed by PL (Initials) 11/21/06 (Date)

Matrix Water | Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s)	3.7c	0C2	
Water VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
[illegible]	Yes ☐	No ☐	N/A ☑

Adjusted? Checked b

Login Notes

Client contacted | Date contacted: | Person contacted

Contacted by | Regarding:

Comments

Corrective Action

0601136I

This portion can be removed for Recipient's records

Date 11/17/06 FedEx Tracking Number 858669874982

Sender's Name Jack Plitt Phone 281 821-6868

Company Golder Associates

Address 500 Century Plaza Dr. SE 140

Dept/Floor/Suite/Room

City Houston State TX ZIP 77073

Your Internal Billing Reference 063-4900

e-Lab Analytical

Client: Golder- Houston

Sample ID

Date

Analysis: Metals, Moisture

10450 Stancliff Rd, Suite 210
Houston, Texas 77099
Phone 281-530-5656 Fax 281-530-

Project: Pinley, TX

11/16/06

Collect By

11/17/06

Preservative: Neat

Analytical Report

Golder Associates, Inc.
CRI Superfund
Work Order 0611361

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	GW-MW07-111706
Work Order:	0611361	**Collection Date:**	11/17/2006 8 30:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611361-01	**Matrix:**	WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS			Method: **SW8260**				Analyst: PC
1,1,1-Trichloroethane	U		0.60	5 0	µg/L	1	11/27/2006
1,1,2,2-Tetrachloroethane	U		1 5	5 0	µg/L	1	11/27/2006
1,1,2-Trichloroethane	U		0 50	5.0	µg/L	1	11/27/2006
1,1-Dichloroethane	**3.8**	J	**0.50**	**5.0**	**µg/L**	1	11/27/2006
1,1-Dichloroethene	**50**		**0.60**	**5.0**	**µg/L**	1	11/27/2006
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	11/27/2006
1,2-Dichloropropane	U		0 70	5 0	µg/L	1	11/27/2006
2-Butanone	U		0 80	10	µg/L	1	11/27/2006
Benzene	U		0 60	5.0	µg/L	1	11/27/2006
Bromoform	U		0 80	5 0	µg/L	1	11/27/2006
Bromomethane	U		0 50	5 0	µg/L	1	11/27/2006
Carbon tetrachloride	U		0 60	5 0	µg/L	1	11/27/2006
Chlorobenzene	U		0 50	5 0	µg/L	1	11/27/2006
Chloroethane	U		0 60	5 0	µg/L	1	11/27/2006
Chloroform	U		0 50	5.0	µg/L	1	11/27/2006
Chloromethane	U		0 50	5.0	µg/L	1	11/27/2006
cis-1,3-Dichloropropene	U		0 50	5.0	µg/L	1	11/27/2006
Dichloromethane	U		0 60	10	µg/L	1	11/27/2006
Ethylbenzene	U		0 50	5.0	µg/L	1	11/27/2006
Tetrachloroethene	U		0.50	5 0	µg/L	1	11/27/2006
Toluene	U		0.50	5.0	µg/L	1	11/27/2006
trans-1,2-Dichloroethene	**12**		**0.60**	**5.0**	**µg/L**	1	11/27/2006
trans-1,3-Dichloropropene	U		0.50	5 0	µg/L	1	11/27/2006
Trichloroethene	**240**		**3.5**	**25**	**µg/L**	5	11/28/2006
Vinyl chloride	U		0 60	2 0	µg/L	1	11/27/2006
Xylenes, Total	U		1 5	15	µg/L	1	11/27/2006
Surr 1,2-Dichloroethane-d4	*98 0*			*70-125*	*%REC*	1	11/27/2006
Surr 1,2-Dichloroethane-d4	*99 2*			*70-125*	*%REC*	5	11/28/2006
Surr 4-Bromofluorobenzene	*117*			*72 4-125*	*%REC*	1	11/27/2006
Surr 4-Bromofluorobenzene	*114*			*72 4-125*	*%REC*	5	11/28/2006
Surr Dibromofluoromethane	*109*			*71 2-125*	*%REC*	1	11/27/2006
Surr Dibromofluoromethane	*107*			*71 2-125*	*%REC*	5	11/28/2006
Surr Toluene-d8	*119*			*75-125*	*%REC*	1	11/27/2006
Surr Toluene-d8	*114*			*75-125*	*%REC*	5	11/28/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	GW-MW08-111706
Work Order:	0611361	**Collection Date:**	11/17/2006 8:50:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611361-02	**Matrix:**	WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		Method	**SW8260**				Analyst PC
1,1,1-Trichloroethane	**4.6**	J	**0.60**	**5.0**	µg/L	1	11/28/2006
1,1,2,2-Tetrachloroethane	U		1.5	5.0	µg/L	1	11/28/2006
1,1,2-Trichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,1-Dichloroethane	**5.9**		**0.50**	**5.0**	µg/L	1	11/28/2006
1,1-Dichloroethene	**230**		**3.0**	**25**	µg/L	5	11/28/2006
1,2-Dichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,2-Dichloropropane	U		0.70	5.0	µg/L	1	11/28/2006
2-Butanone	U		0.80	10	µg/L	1	11/28/2006
Benzene	U		0.60	5.0	µg/L	1	11/28/2006
Bromoform	U		0.80	5.0	µg/L	1	11/28/2006
Bromomethane	U		0.50	5.0	µg/L	1	11/28/2006
Carbon tetrachloride	U		0.60	5.0	µg/L	1	11/28/2006
Chlorobenzene	U		0.50	5.0	µg/L	1	11/28/2006
Chloroethane	U		0.60	5.0	µg/L	1	11/28/2006
Chloroform	U		0.50	5.0	µg/L	1	11/28/2006
Chloromethane	U		0.50	5.0	µg/L	1	11/28/2006
cis-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/28/2006
Dichloromethane	U		0.60	10	µg/L	1	11/28/2006
Ethylbenzene	U		0.50	5.0	µg/L	1	11/28/2006
Tetrachloroethene	U		0.50	5.0	µg/L	1	11/28/2006
Toluene	U		0.50	5.0	µg/L	1	11/28/2006
trans-1,2-Dichloroethene	U		0.60	5.0	µg/L	1	11/28/2006
trans-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/28/2006
Trichloroethene	**6.2**		**0.70**	**5.0**	µg/L	1	11/28/2006
Vinyl chloride	U		0.60	2.0	µg/L	1	11/28/2006
Xylenes, Total	U		1.5	15	µg/L	1	11/28/2006
Surr: 1,2-Dichloroethane-d4	*98.5*			*70-125*	*%REC*	1	11/28/2006
Surr: 1,2-Dichloroethane-d4	*98.5*			*70-125*	*%REC*	5	11/28/2006
Surr: 4-Bromofluorobenzene	*106*			*72.4-125*	*%REC*	1	11/28/2006
Surr: 4-Bromofluorobenzene	*101*			*72.4-125*	*%REC*	5	11/28/2006
Surr: Dibromofluoromethane	*106*			*71.2-125*	*%REC*	1	11/28/2006
Surr: Dibromofluoromethane	*106*			*71.2-125*	*%REC*	5	11/28/2006
Surr: Toluene-d8	*102*			*75-125*	*%REC*	1	11/28/2006
Surr: Toluene-d8	*117*			*75-125*	*%REC*	5	11/28/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT: Golder Associates, Inc
Work Order: 0611361
Project: CRI-Superfund Wiley, Texas
Lab ID: 0611361-03

Client Sample ID: GW-MW11-111706
Collection Date: 11/17/2006 9:30:00 AM
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		Method: **SW8260**					Analyst PC
1,1,1-Trichloroethane	U		0.60	5.0	µg/L	1	11/28/2006
1,1,2,2-Tetrachloroethane	U		1.5	5.0	µg/L	1	11/28/2006
1,1,2-Trichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,1-Dichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,1-Dichloroethene	**32**		**0.60**	**5.0**	**µg/L**	1	11/28/2006
1,2-Dichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,2-Dichloropropane	U		0.70	5.0	µg/L	1	11/28/2006
2-Butanone	U		0.80	10	µg/L	1	11/28/2006
Benzene	U		0.60	5.0	µg/L	1	11/28/2006
Bromoform	U		0.80	5.0	µg/L	1	11/28/2006
Bromomethane	U		0.50	5.0	µg/L	1	11/28/2006
Carbon tetrachloride	U		0.60	5.0	µg/L	1	11/28/2006
Chlorobenzene	U		0.50	5.0	µg/L	1	11/28/2006
Chloroethane	U		0.60	5.0	µg/L	1	11/28/2006
Chloroform	U		0.50	5.0	µg/L	1	11/28/2006
Chloromethane	U		0.50	5.0	µg/L	1	11/28/2006
cis-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/28/2006
Dichloromethane	U		0.60	10	µg/L	1	11/28/2006
Ethylbenzene	**1.0**	J	**0.50**	**5.0**	**µg/L**	1	11/28/2006
Tetrachloroethene	**21**		**0.50**	**5.0**	**µg/L**	1	11/28/2006
Toluene	U		0.50	5.0	µg/L	1	11/28/2006
trans-1,2-Dichloroethene	U		0.60	5.0	µg/L	1	11/28/2006
trans-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/28/2006
Trichloroethene	**2,800**		**18**	**120**	**µg/L**	25	11/28/2006
Vinyl chloride	U		0.60	2.0	µg/L	1	11/28/2006
Xylenes, Total	U		1.5	15	µg/L	1	11/28/2006
Surr: 1,2-Dichloroethane-d4	*106*			*70-125*	*%REC*	1	11/28/2006
Surr: 1,2-Dichloroethane-d4	*104*			*70-125*	*%REC*	25	11/28/2006
Surr: 4-Bromofluorobenzene	*104*			*72.4-125*	*%REC*	1	11/28/2006
Surr: 4-Bromofluorobenzene	*106*			*72.4-125*	*%REC*	25	11/28/2006
Surr: Dibromofluoromethane	*107*			*71.2-125*	*%REC*	1	11/28/2006
Surr: Dibromofluoromethane	*112*			*71.2-125*	*%REC*	25	11/28/2006
Surr: Toluene-d8	*117*			*75-125*	*%REC*	1	11/28/2006
Surr: Toluene-d8	*111*			*75-125*	*%REC*	25	11/28/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	GW-MW10-111706
Work Order:	0611361	**Collection Date:**	11/17/2006 9:55:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611361-04	**Matrix:**	WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		Method **SW8260**					Analyst **PC**
1,1,1-Trichloroethane	**17**		**0.60**	**5.0**	**µg/L**	1	11/28/2006
1,1,2,2-Tetrachloroethane	U		1.5	5.0	µg/L	1	11/28/2006
1,1,2-Trichloroethane	**51**		**0.50**	**5.0**	**µg/L**	1	11/28/2006
1,1-Dichloroethane	**170**		**0.50**	**5.0**	**µg/L**	1	11/28/2006
1,1-Dichloroethene	**8,400**		**120**	**1,000**	**µg/L**	200	11/28/2006
1,2-Dichloroethane	**11**		**0.50**	**5.0**	**µg/L**	1	11/28/2006
1,2-Dichloropropane	U		0.70	5.0	µg/L	1	11/28/2006
2-Butanone	U		0.80	10	µg/L	1	11/28/2006
Benzene	U		0.60	5.0	µg/L	1	11/28/2006
Bromoform	U		0.80	5.0	µg/L	1	11/28/2006
Bromomethane	U		0.50	5.0	µg/L	1	11/28/2006
Carbon tetrachloride	U		0.60	5.0	µg/L	1	11/28/2006
Chlorobenzene	U		0.50	5.0	µg/L	1	11/28/2006
Chloroethane	U		0.60	5.0	µg/L	1	11/28/2006
Chloroform	U		0.50	5.0	µg/L	1	11/28/2006
Chloromethane	U		0.50	5.0	µg/L	1	11/28/2006
cis-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/28/2006
Dichloromethane	U		0.60	10	µg/L	1	11/28/2006
Ethylbenzene	**19**		**0.50**	**5.0**	**µg/L**	1	11/28/2006
Tetrachloroethene	**180**		**0.50**	**5.0**	**µg/L**	1	11/28/2006
Toluene	**85**		**0.50**	**5.0**	**µg/L**	1	11/28/2006
trans-1,2-Dichloroethene	**180**		**15**	**120**	**µg/L**	25	11/28/2006
trans-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/28/2006
Trichloroethene	**27,000**		**140**	**1,000**	**µg/L**	200	11/28/2006
Vinyl chloride	**340**		**15**	**60**	**µg/L**	25	11/28/2006
Xylenes, Total	**27**		**1.5**	**15**	**µg/L**	1	11/28/2006
Surr: 1,2-Dichloroethane-d4	*104*			*70-125*	*%REC*	1	11/28/2006
Surr: 1,2-Dichloroethane-d4	*104*			*70-125*	*%REC*	25	11/28/2006
Surr: 1,2-Dichloroethane-d4	*98.4*			*70-125*	*%REC*	200	11/28/2006
Surr: 4-Bromofluorobenzene	*109*			*72.4-125*	*%REC*	1	11/28/2006
Surr: 4-Bromofluorobenzene	*106*			*72.4-125*	*%REC*	25	11/28/2006
Surr: 4-Bromofluorobenzene	*105*			*72.4-125*	*%REC*	200	11/28/2006
Surr: Dibromofluoromethane	*111*			*71.2-125*	*%REC*	1	11/28/2006
Surr: Dibromofluoromethane	*107*			*71.2-125*	*%REC*	25	11/28/2006
Surr: Dibromofluoromethane	*115*			*71.2-125*	*%REC*	200	11/28/2006
Surr: Toluene-d8	*109*			*75-125*	*%REC*	1	11/28/2006
Surr: Toluene-d8	*108*			*75-125*	*%REC*	25	11/28/2006
Surr: Toluene-d8	*114*			*75-125*	*%REC*	200	11/28/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	GW-MW03-111706
Work Order:	0611361	**Collection Date:**	11/17/2006 10:20:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611361-05	**Matrix:**	WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		Method	**SW8260**				Analyst: **PC**
1,1,1-Trichloroethane	U		0.60	5.0	µg/L	1	11/28/2006
1,1,2,2-Tetrachloroethane	U		1.5	5.0	µg/L	1	11/28/2006
1,1,2-Trichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,1-Dichloroethane	**3.8**	J	**0.60**	**5.0**	**µg/L**	1	11/28/2006
1,1-Dichloroethene	**45**		**0.60**	**5.0**	**µg/L**	1	11/28/2006
1,2-Dichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,2-Dichloropropane	U		0.70	5.0	µg/L	1	11/28/2006
2-Butanone	U		0.80	10	µg/L	1	11/28/2006
Benzene	U		0.60	5.0	µg/L	1	11/28/2006
Bromoform	U		0.80	5.0	µg/L	1	11/28/2006
Bromomethane	U		0.50	5.0	µg/L	1	11/28/2006
Carbon tetrachloride	U		0.60	5.0	µg/L	1	11/28/2006
Chlorobenzene	U		0.50	5.0	µg/L	1	11/28/2006
Chloroethane	U		0.60	5.0	µg/L	1	11/28/2006
Chloroform	U		0.50	5.0	µg/L	1	11/28/2006
Chloromethane	U		0.50	5.0	µg/L	1	11/28/2006
cis-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/28/2006
Dichloromethane	U		0.60	10	µg/L	1	11/28/2006
Ethylbenzene	U		0.50	5.0	µg/L	1	11/28/2006
Tetrachloroethene	**1,200**		**5.0**	**50**	**µg/L**	10	11/29/2006
Toluene	U		0.50	5.0	µg/L	1	11/28/2006
trans-1,2-Dichloroethene	**1.6**	J	**0.60**	**5.0**	**µg/L**	1	11/28/2006
trans-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/28/2006
Trichloroethene	**280**		**7.0**	**50**	**µg/L**	10	11/29/2006
Vinyl chloride	**12**		**0.60**	**2.0**	**µg/L**	1	11/28/2006
Xylenes, Total	U		1.5	15	µg/L	1	11/28/2006
Surr: 1,2-Dichloroethane-d4	*107*			*70-125*	*%REC*	1	11/28/2006
Surr: 1,2-Dichloroethane-d4	*102*			*70-125*	*%REC*	10	11/29/2006
Surr: 4-Bromofluorobenzene	*106*			*72.4-125*	*%REC*	1	11/28/2006
Surr: 4-Bromofluorobenzene	*113*			*72.4-125*	*%REC*	10	11/29/2006
Surr: Dibromofluoromethane	*111*			*71.2-125*	*%REC*	1	11/28/2006
Surr: Dibromofluoromethane	*114*			*71.2-125*	*%REC*	10	11/29/2006
Surr: Toluene-d8	*113*			*75-125*	*%REC*	1	11/28/2006
Surr: Toluene-d8	*116*			*75-125*	*%REC*	10	11/29/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT: Golder Associates, Inc.
Work Order: 0611361
Project: CRI-Superfund Wiley, Texas
Lab ID: 0611361-06

Client Sample ID: GW-MW14-111706
Collection Date: 11/17/2006 10:40:00 AM
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		Method: **SW8260**					Analyst PC
1,1,1-Trichloroethane	**82**		**0.60**	**5.0**	**µg/L**	1	11/27/2006
1,1,2,2-Tetrachloroethane	U		1.5	5.0	µg/L	1	11/27/2006
1,1,2-Trichloroethane	**10**		**0.50**	**5.0**	**µg/L**	1	11/27/2006
1,1-Dichloroethane	**21**		**0.50**	**5.0**	**µg/L**	1	11/27/2006
1,1-Dichloroethene	**6,600**		**120**	**1,000**	**µg/L**	200	11/29/2006
1,2-Dichloroethane	U		0.50	5.0	µg/L	1	11/27/2006
1,2-Dichloropropane	U		0.70	5.0	µg/L	1	11/27/2006
2-Butanone	U		0.80	10	µg/L	1	11/27/2006
Benzene	U		0.60	5.0	µg/L	1	11/27/2006
Bromoform	U		0.80	5.0	µg/L	1	11/27/2006
Bromomethane	U		0.50	5.0	µg/L	1	11/27/2006
Carbon tetrachloride	U		0.60	5.0	µg/L	1	11/27/2006
Chlorobenzene	**4.7**	J	**0.50**	**5.0**	**µg/L**	1	11/27/2006
Chloroethane	U		0.60	5.0	µg/L	1	11/27/2006
Chloroform	**1.3**	J	**0.50**	**5.0**	**µg/L**	1	11/27/2006
Chloromethane	U		0.50	5.0	µg/L	1	11/27/2006
cis-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/27/2006
Dichloromethane	U		0.60	10	µg/L	1	11/27/2006
Ethylbenzene	**10**		**0.50**	**5.0**	**µg/L**	1	11/27/2006
Tetrachloroethene	**16**		**0.50**	**5.0**	**µg/L**	1	11/27/2006
Toluene	**62**		**0.50**	**5.0**	**µg/L**	1	11/27/2006
trans-1,2-Dichloroethene	**11**		**0.60**	**5.0**	**µg/L**	1	11/27/2006
trans-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/27/2006
Trichloroethene	**29,000**		**140**	**1,000**	**µg/L**	200	11/29/2006
Vinyl chloride	**280**		**15**	**60**	**µg/L**	25	11/29/2006
Xylenes, Total	**17**		**1.5**	**15**	**µg/L**	1	11/27/2006
Surr: 1,2-Dichloroethane-d4	*102*			*70-125*	*%REC*	1	11/27/2006
Surr: 1,2-Dichloroethane-d4	*103*			*70-125*	*%REC*	25	11/29/2006
Surr: 1,2-Dichloroethane-d4	*109*			*70-125*	*%REC*	200	11/29/2006
Surr: 4-Bromofluorobenzene	*118*			*72.4-125*	*%REC*	1	11/27/2006
Surr: 4-Bromofluorobenzene	*126*	S		*72.4-125*	*%REC*	25	11/29/2006
Surr: 4-Bromofluorobenzene	*107*			*72.4-125*	*%REC*	200	11/29/2006
Surr: Dibromofluoromethane	*105*			*71.2-125*	*%REC*	1	11/27/2006
Surr: Dibromofluoromethane	*107*			*71.2-125*	*%REC*	25	11/29/2006
Surr: Dibromofluoromethane	*111*			*71.2-125*	*%REC*	200	11/29/2006
Surr: Toluene-d8	*108*			*75-125*	*%REC*	1	11/27/2006
Surr: Toluene-d8	*122*			*75-125*	*%REC*	25	11/29/2006
Surr: Toluene-d8	*114*			*75-125*	*%REC*	200	11/29/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	GW-MW13-111706
Work Order:	0611361	**Collection Date:**	11/17/2006 11:08:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611361-07	**Matrix:**	WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		Method	**SW8260**				Analyst: PC
1,1,1-Trichloroethane	U		0.60	5.0	µg/L	1	11/28/2006
1,1,2,2-Tetrachloroethane	U		1.5	5.0	µg/L	1	11/28/2006
1,1,2-Trichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,1-Dichloroethane	**1.6**	J	**0.50**	**5.0**	**µg/L**	1	11/28/2006
1,1-Dichloroethene	**5.5**		**0.60**	**5.0**	**µg/L**	1	11/28/2006
1,2-Dichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,2-Dichloropropane	U		0.70	5.0	µg/L	1	11/28/2006
2-Butanone	U		0.80	10	µg/L	1	11/28/2006
Benzene	U		0.60	5.0	µg/L	1	11/28/2006
Bromoform	U		0.80	5.0	µg/L	1	11/28/2006
Bromomethane	U		0.50	5.0	µg/L	1	11/28/2006
Carbon tetrachloride	U		0.60	5.0	µg/L	1	11/28/2006
Chlorobenzene	U		0.50	5.0	µg/L	1	11/28/2006
Chloroethane	U		0.60	5.0	µg/L	1	11/28/2006
Chloroform	U		0.50	5.0	µg/L	1	11/28/2006
Chloromethane	U		0.50	5.0	µg/L	1	11/28/2006
cis-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/28/2006
Dichloromethane	U		0.80	10	µg/L	1	11/28/2006
Ethylbenzene	U		0.50	5.0	µg/L	1	11/28/2006
Tetrachloroethene	**1.9**	J	**0.50**	**5.0**	**µg/L**	1	11/28/2006
Toluene	U		0.50	5.0	µg/L	1	11/28/2006
trans-1,2-Dichloroethene	U		0.60	5.0	µg/L	1	11/28/2006
trans-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/28/2006
Trichloroethene	**40**		**0.70**	**5.0**	**µg/L**	1	11/28/2006
Vinyl chloride	U		0.60	2.0	µg/L	1	11/28/2006
Xylenes, Total	U		1.5	15	µg/L	1	11/28/2006
Surr: 1,2-Dichloroethane-d4	*105*			*70-125*	*%REC*	1	11/28/2006
Surr: 4-Bromofluorobenzene	*106*			*72.4-125*	*%REC*	1	11/28/2006
Surr: Dibromofluoromethane	*106*			*71.2-125*	*%REC*	1	11/28/2006
Surr: Toluene-d8	*112*			*75-125*	*%REC*	1	11/28/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	GW-MW12-111706
Work Order:	0611361	**Collection Date:**	11/17/2006 12:50:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611361-08	**Matrix:**	WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		Method: **SW8260**					Analyst: **PC**
1,1,1-Trichloroethane	U		0.60	5.0	µg/L	1	11/29/2006
1,1,2,2-Tetrachloroethane	U		1.5	5.0	µg/L	1	11/29/2006
1,1,2-Trichloroethane	U		0.50	5.0	µg/L	1	11/29/2006
1,1-Dichloroethane	U		0.50	5.0	µg/L	1	11/29/2006
1,1-Dichloroethene	U		0.60	5.0	µg/L	1	11/29/2006
1,2-Dichloroethane	U		0.50	5.0	µg/L	1	11/29/2006
1,2-Dichloropropane	U		0.70	5.0	µg/L	1	11/29/2006
2-Butanone	U		0.80	10	µg/L	1	11/29/2006
Benzene	U		0.60	5.0	µg/L	1	11/29/2006
Bromoform	U		0.80	5.0	µg/L	1	11/29/2006
Bromomethane	U		0.50	5.0	µg/L	1	11/29/2006
Carbon tetrachloride	U		0.60	5.0	µg/L	1	11/29/2006
Chlorobenzene	U		0.50	5.0	µg/L	1	11/29/2006
Chloroethane	U		0.60	5.0	µg/L	1	11/29/2006
Chloroform	U		0.50	5.0	µg/L	1	11/29/2006
Chloromethane	U		0.50	5.0	µg/L	1	11/29/2006
cis-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/29/2006
Dichloromethane	U		0.60	10	µg/L	1	11/29/2006
Ethylbenzene	U		0.50	5.0	µg/L	1	11/29/2006
Tetrachloroethene	U		0.50	5.0	µg/L	1	11/29/2006
Toluene	U		0.50	5.0	µg/L	1	11/29/2006
trans-1,2-Dichloroethene	U		0.60	5.0	µg/L	1	11/29/2006
trans-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/29/2006
Trichloroethene	**1.8**	J	**0.70**	**5.0**	**µg/L**	1	11/29/2006
Vinyl chloride	U		0.60	2.0	µg/L	1	11/29/2006
Xylenes, Total	U		1.5	15	µg/L	1	11/29/2006
Surr: 1,2-Dichloroethane-d4	*96.8*			*70-125*	*%REC*	1	11/29/2006
Surr: 4-Bromofluorobenzene	*112*			*72.4-125*	*%REC*	1	11/29/2006
Surr: Dibromofluoromethane	*107*			*71.2-125*	*%REC*	1	11/29/2006
Surr: Toluene-d8	*115*			*75-125*	*%REC*	1	11/29/2006

Qualifiers:

- U - Analyzed for but Not Detected
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc. **Date:** *December 01, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	GWMW06-111706
Work Order:	0611361	**Collection Date:**	11/17/2006 1:10:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611361-09	**Matrix:**	WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		Method **SW8260**					Analyst **PC**
1,1,1-Trichloroethane	U		0 60	5 0	µg/L	1	11/28/2006
1,1,2,2-Tetrachloroethane	U		1.5	5 0	µg/L	1	11/28/2006
1,1,2-Trichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,1-Dichloroethane	U		0 50	5.0	µg/L	1	11/28/2006
1,1-Dichloroethene	U		0 60	5 0	µg/L	1	11/28/2006
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	11/28/2006
1,2-Dichloropropane	U		0 70	5.0	µg/L	1	11/28/2006
2-Butanone	U		0.80	10	µg/L	1	11/28/2006
Benzene	U		0 60	5.0	µg/L	1	11/28/2006
Bromoform	U		0 80	5 0	µg/L	1	11/28/2006
Bromomethane	U		0 50	5 0	µg/L	1	11/28/2006
Carbon tetrachloride	U		0 80	5 0	µg/L	1	11/28/2006
Chlorobenzene	U		0.50	5 0	µg/L	1	11/28/2006
Chloroethane	U		0 60	5.0	µg/L	1	11/28/2006
Chloroform	U		0 50	5.0	µg/L	1	11/28/2006
Chloromethane	U		0 50	5 0	µg/L	1	11/28/2006
cis-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	11/28/2006
Dichloromethane	U		0.60	10	µg/L	1	11/28/2006
Ethylbenzene	U		0.50	5 0	µg/L	1	11/28/2006
Tetrachloroethene	U		0 50	5 0	µg/L	1	11/28/2006
Toluene	U		0 50	5 0	µg/L	1	11/28/2006
trans-1,2-Dichloroethene	U		0 60	5 0	µg/L	1	11/28/2006
trans-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	11/28/2006
Trichloroethene	**2.1**	J	**0.70**	**5.0**	**µg/L**	1	11/28/2006
Vinyl chloride	U		0 60	2 0	µg/L	1	11/28/2006
Xylenes, Total	U		1 5	15	µg/L	1	11/28/2006
Surr 1,2-Dichloroethane-d4	*113*			*70-125*	*%REC*	1	11/28/2006
Surr 4-Bromofluorobenzene	*103*			*72 4-125*	*%REC*	1	11/28/2006
Surr Dibromofluoromethane	*112*			*71 2-125*	*%REC*	1	11/28/2006
Surr Toluene-d8	*113*			*75-125*	*%REC*	1	11/28/2006

Qualifiers:

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	GW-MW02-111706
Work Order:	0611361	**Collection Date:**	11/17/2006 1:40:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611361-10	**Matrix:**	WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		Method: **SW8260**					Analyst: **PC**
1,1,1-Trichloroethane	U		0.60	5.0	µg/L	1	11/28/2006
1,1,2,2-Tetrachloroethane	U		1.5	5.0	µg/L	1	11/28/2006
1,1,2-Trichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,1-Dichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,1-Dichloroethene	U		0.60	5.0	µg/L	1	11/28/2006
1,2-Dichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,2-Dichloropropane	U		0.70	5.0	µg/L	1	11/28/2006
2-Butanone	U		0.80	10	µg/L	1	11/28/2006
Benzene	U		0.60	5.0	µg/L	1	11/28/2006
Bromoform	U		0.80	5.0	µg/L	1	11/28/2006
Bromomethane	U		0.50	5.0	µg/L	1	11/28/2006
Carbon tetrachloride	U		0.60	5.0	µg/L	1	11/28/2006
Chlorobenzene	U		0.50	5.0	µg/L	1	11/28/2006
Chloroethane	U		0.60	5.0	µg/L	1	11/28/2006
Chloroform	U		0.50	5.0	µg/L	1	11/28/2006
Chloromethane	U		0.50	5.0	µg/L	1	11/28/2006
cis-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/28/2006
Dichloromethane	U		0.60	10	µg/L	1	11/28/2006
Ethylbenzene	U		0.50	5.0	µg/L	1	11/28/2006
Tetrachloroethene	U		0.50	5.0	µg/L	1	11/28/2006
Toluene	U		0.50	5.0	µg/L	1	11/28/2006
trans-1,2-Dichloroethene	U		0.60	5.0	µg/L	1	11/28/2006
trans-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/28/2006
Trichloroethene	**1.0**	J	**0.70**	**5.0**	**µg/L**	1	11/28/2006
Vinyl chloride	U		0.60	2.0	µg/L	1	11/28/2006
Xylenes, Total	U		1.5	15	µg/L	1	11/28/2006
Surr: 1,2-Dichloroethane-d4	*109*			*70-125*	*%REC*	1	11/28/2006
Surr: 4-Bromofluorobenzene	*109*			*72.4-125*	*%REC*	1	11/28/2006
Surr: Dibromofluoromethane	*113*			*71.2-125*	*%REC*	1	11/28/2006
Surr: Toluene-d8	*121*			*75-125*	*%REC*	1	11/28/2006

Qualifiers:

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	GW-MW01-111706
Work Order:	0611361	**Collection Date:**	11/17/2006 2:10:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611361-11	**Matrix:**	WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**Method SW8260**					**Analyst. PC**
1,1,1-Trichloroethane	U		0.60	5.0	µg/L	1	11/28/2006
1,1,2,2-Tetrachloroethane	U		1.5	5.0	µg/L	1	11/28/2006
1,1,2-Trichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,1-Dichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,1-Dichloroethene	U		0.60	5.0	µg/L	1	11/28/2006
1,2-Dichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,2-Dichloropropane	U		0.70	5.0	µg/L	1	11/28/2006
2-Butanone	U		0.80	10	µg/L	1	11/28/2006
Benzene	U		0.60	5.0	µg/L	1	11/28/2006
Bromoform	U		0.80	5.0	µg/L	1	11/28/2006
Bromomethane	U		0.50	5.0	µg/L	1	11/28/2006
Carbon tetrachloride	U		0.60	5.0	µg/L	1	11/28/2006
Chlorobenzene	U		0.50	5.0	µg/L	1	11/28/2006
Chloroethane	U		0.60	5.0	µg/L	1	11/28/2006
Chloroform	U		0.50	5.0	µg/L	1	11/28/2006
Chloromethane	U		0.50	5.0	µg/L	1	11/28/2006
cis-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/28/2006
Dichloromethane	U		0.60	10	µg/L	1	11/28/2006
Ethylbenzene	U		0.50	5.0	µg/L	1	11/28/2006
Tetrachloroethene	U		0.50	5.0	µg/L	1	11/28/2006
Toluene	U		0.50	5.0	µg/L	1	11/28/2006
trans-1,2-Dichloroethene	U		0.60	5.0	µg/L	1	11/28/2006
trans-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/28/2006
Trichloroethene	U		0.70	5.0	µg/L	1	11/28/2006
Vinyl chloride	U		0.60	2.0	µg/L	1	11/28/2006
Xylenes, Total	U		1.5	15	µg/L	1	11/28/2006
Surr: 1,2-Dichloroethane-d4	*106*			*70-125*	*%REC*	1	11/28/2006
Surr: 4-Bromofluorobenzene	*115*			*72.4-125*	*%REC*	1	11/28/2006
Surr: Dibromofluoromethane	*103*			*71.2-125*	*%REC*	1	11/28/2006
Surr: Toluene-d8	*115*			*75-125*	*%REC*	1	11/28/2006

Qualifiers:

- U - Analyzed for but Not Detected
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT: Golder Associates, Inc.
Work Order: 0611361
Project: CRI-Superfund Wiley, Texas
Lab ID: 0611361-12

Client Sample ID: DW-1
Collection Date: 11/17/2006
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		Method **SW8260**					Analyst **PC**
1,1,1-Trichloroethane	U		0.60	5.0	µg/L	1	11/28/2006
1,1,2,2-Tetrachloroethane	U		1.5	5.0	µg/L	1	11/28/2006
1,1,2-Trichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,1-Dichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,1-Dichloroethene	U		0.60	5.0	µg/L	1	11/28/2006
1,2-Dichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,2-Dichloropropane	U		0.70	5.0	µg/L	1	11/28/2006
2-Butanone	U		0.80	10	µg/L	1	11/28/2006
Benzene	U		0.60	5.0	µg/L	1	11/28/2006
Bromoform	U		0.80	5.0	µg/L	1	11/28/2006
Bromomethane	U		0.50	5.0	µg/L	1	11/28/2006
Carbon tetrachloride	U		0.60	5.0	µg/L	1	11/28/2006
Chlorobenzene	U		0.50	5.0	µg/L	1	11/28/2006
Chloroethane	U		0.60	5.0	µg/L	1	11/28/2006
Chloroform	U		0.50	5.0	µg/L	1	11/28/2006
Chloromethane	U		0.50	5.0	µg/L	1	11/28/2006
cis-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/28/2006
Dichloromethane	U		0.60	10	µg/L	1	11/28/2006
Ethylbenzene	U		0.50	5.0	µg/L	1	11/28/2006
Tetrachloroethene	U		0.50	5.0	µg/L	1	11/28/2006
Toluene	U		0.50	5.0	µg/L	1	11/28/2006
trans-1,2-Dichloroethene	U		0.60	5.0	µg/L	1	11/28/2006
trans-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/28/2006
Trichloroethene	**2.0**	**J**	**0.70**	**5.0**	**µg/L**	1	11/28/2006
Vinyl chloride	U		0.60	2.0	µg/L	1	11/28/2006
Xylenes, Total	U		1.5	15	µg/L	1	11/28/2006
Surr: 1,2-Dichloroethane-d4	*108*			*70-125*	*%REC*	1	11/28/2006
Surr: 4-Bromofluorobenzene	*111*			*72.4-125*	*%REC*	1	11/28/2006
Surr: Dibromofluoromethane	*115*			*71.2-125*	*%REC*	1	11/28/2006
Surr: Toluene-d8	*111*			*75-125*	*%REC*	1	11/28/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc	**Client Sample ID:**	Trip Blank
Work Order:	0611361	**Collection Date:**	11/17/2006 2:10:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611361-13	**Matrix:**	WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**Method:**	**SW8260**				**Analyst PC**
1,1,1-Trichloroethane	U		0.60	5.0	µg/L	1	11/27/2006
1,1,2,2-Tetrachloroethane	U		1.5	5.0	µg/L	1	11/27/2006
1,1,2-Trichloroethane	U		0.50	5.0	µg/L	1	11/27/2006
1,1-Dichloroethane	U		0.50	5.0	µg/L	1	11/27/2006
1,1-Dichloroethene	U		0.60	5.0	µg/L	1	11/27/2006
1,2-Dichloroethane	U		0.50	5.0	µg/L	1	11/27/2006
1,2-Dichloropropane	U		0.70	5.0	µg/L	1	11/27/2006
2-Butanone	U		0.80	10	µg/L	1	11/27/2006
Benzene	U		0.60	5.0	µg/L	1	11/27/2006
Bromoform	U		0.80	5.0	µg/L	1	11/27/2006
Bromomethane	U		0.50	5.0	µg/L	1	11/27/2006
Carbon tetrachloride	U		0.60	5.0	µg/L	1	11/27/2006
Chlorobenzene	U		0.50	5.0	µg/L	1	11/27/2006
Chloroethane	U		0.60	5.0	µg/L	1	11/27/2006
Chloroform	U		0.50	5.0	µg/L	1	11/27/2006
Chloromethane	U		0.50	5.0	µg/L	1	11/27/2006
cis-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/27/2006
Dichloromethane	U		0.60	10	µg/L	1	11/27/2006
Ethylbenzene	U		0.50	5.0	µg/L	1	11/27/2006
Tetrachloroethene	U		0.50	5.0	µg/L	1	11/27/2006
Toluene	U		0.50	5.0	µg/L	1	11/27/2006
trans-1,2-Dichloroethene	U		0.60	5.0	µg/L	1	11/27/2006
trans-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/27/2006
Trichloroethene	U		0.70	5.0	µg/L	1	11/27/2006
Vinyl chloride	U		0.60	2.0	µg/L	1	11/27/2006
Xylenes, Total	U		1.5	15	µg/L	1	11/27/2006
Surr: 1,2-Dichloroethane-d4	*99.2*			*70-125*	*%REC*	1	11/27/2006
Surr: 4-Bromofluorobenzene	*108*			*72.4-125*	*%REC*	1	11/27/2006
Surr: Dibromofluoromethane	*107*			*71.2-125*	*%REC*	1	11/27/2006
Surr: Toluene-d8	*105*			*75-125*	*%REC*	1	11/27/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 01, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	RW-1
Work Order:	0611361	**Collection Date:**	11/17/2006 2.20:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611361-14	**Matrix:**	WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		Method **SW8260**					Analyst **PC**
1,1,1-Trichloroethane	U		0 60	5.0	µg/L	1	11/28/2006
1,1,2,2-Tetrachloroethane	U		1 5	5 0	µg/L	1	11/28/2006
1,1,2-Trichloroethane	U		0 50	5 0	µg/L	1	11/28/2006
1,1-Dichloroethane	U		0 50	5 0	µg/L	1	11/28/2006
1,1-Dichloroethene	U		0 60	5.0	µg/L	1	11/28/2006
1,2-Dichloroethane	U		0 50	5 0	µg/L	1	11/28/2006
1,2-Dichloropropane	U		0 70	5 0	µg/L	1	11/28/2006
2-Butanone	U		0 80	10	µg/L	1	11/28/2006
Benzene	U		0.60	5 0	µg/L	1	11/28/2006
Bromoform	U		0.80	5.0	µg/L	1	11/28/2006
Bromomethane	U		0 50	5 0	µg/L	1	11/28/2006
Carbon tetrachloride	U		0 60	5 0	µg/L	1	11/28/2006
Chlorobenzene	U		0 50	5.0	µg/L	1	11/28/2006
Chloroethane	U		0 60	5.0	µg/L	1	11/28/2006
Chloroform	U		0 50	5.0	µg/L	1	11/28/2006
Chloromethane	U		0.50	5 0	µg/L	1	11/28/2006
cis-1,3-Dichloropropene	U		0 50	5.0	µg/L	1	11/28/2006
Dichloromethane	U		0 60	10	µg/L	1	11/28/2006
Ethylbenzene	U		0.50	5.0	µg/L	1	11/28/2006
Tetrachloroethene	U		0.50	5 0	µg/L	1	11/28/2006
Toluene	U		0 50	5 0	µg/L	1	11/28/2006
trans-1,2-Dichloroethene	U		0 60	5.0	µg/L	1	11/28/2006
trans-1,3-Dichloropropene	U		0 50	5 0	µg/L	1	11/28/2006
Trichloroethene	**1.1**	J	**0.70**	**5.0**	**µg/L**	1	11/28/2006
Vinyl chloride	U		0 60	2.0	µg/L	1	11/28/2006
Xylenes, Total	U		1.5	15	µg/L	1	11/28/2006
Surr 1,2-Dichloroethane-d4	*110*			*70-125*	*%REC*	1	11/28/2006
Surr 4-Bromofluorobenzene	*114*			*72 4-125*	*%REC*	1	11/28/2006
Surr Dibromofluoromethane	*113*			*71 2-125*	*%REC*	1	11/28/2006
Surr Toluene-d8	*120*			*75-125*	*%REC*	1	11/28/2006

Qualifiers:

U - Analyzed for but Not Detected
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* - Value exceeds Maximum Contaminant Level
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P - Dual Column results RPD > 40%
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H - Analyzed outside of Hold Time

QC Batch Summary Report

Golder Associates, Inc.
CRI Superfund
Work Order 0611361

Lab Order: 0611361
Client: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611361-01A	GW-MW07-111706	11/17/2006 8 30 00 AM	Water	TCL Volatile Organics			R44205	11/27/2006
				TCL Volatile Organics			R44354	11/28/2006
0611361-02A	GW-MW08-111706	11/17/2006 8 50 00 AM		TCL Volatile Organics			R44354	11/28/2006
				TCL Volatile Organics			R44205	11/28/2006
0611361-03A	GW-MW11-111706	11/17/2006 9 30 00 AM		TCL Volatile Organics			R44205	11/28/2006
				TCL Volatile Organics			R44354	11/28/2006
0611361-04A	GW-MW10-111706	11/17/2006 9 55 00 AM		TCL Volatile Organics			R44354	11/28/2006
				TCL Volatile Organics			R44354	11/28/2006
				TCL Volatile Organics			R44205	11/28/2006
0611361-05A	GW-MW03-111706	11/17/2006 10 20 00 AM		TCL Volatile Organics			R44354	11/29/2006
				TCL Volatile Organics			R44354	11/28/2006
0611361-06A	GW-MW14-111706	11/17/2006 10 40 00 AM		TCL Volatile Organics			R44205	11/27/2006
				TCL Volatile Organics			R44354	11/29/2006
				TCL Volatile Organics			R44354	11/29/2006
0611361-07A	GW-MW13-111706	11/17/2006 11 08 00 AM		TCL Volatile Organics			R44354	11/28/2006
0611361-08A	GW-MW12-111706	11/17/2006 12 50 00 PM		TCL Volatile Organics			R44402	11/29/2006
0611361-09A	GWMW06-111706	11/17/2006 1 10 00 PM		TCL Volatile Organics			R44354	11/28/2006
0611361-10A	GW-MW02-111706	11/17/2006 1 40 00 PM		TCL Volatile Organics			R44354	11/28/2006
0611361-11A	GW-MW01-111706	11/17/2006 2 10 00 PM		TCL Volatile Organics			R44354	11/28/2006
0611361-12A	DW-1	11/17/2006		TCL Volatile Organics			R44354	11/28/2006
0611361-13A	Trip Blank	11/17/2006 2 10 00 PM		TCL Volatile Organics			R44205	11/27/2006
0611361-14A	RW-1	11/17/2006 2 20 00 PM		TCL Volatile Organics			R44354	11/28/2006

CLIENT: Golder Associates, Inc.
Work Order: 0611361
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: R44205 Instrument ID VOA1 Method SW8260

MS Sample ID 0611361-06AMS Units µg/L Analysis Date. 11/27/06 21:54

Client ID GW-MW14-111706 Run ID: VOA1_061127A SeqNo: 1004772 Prep Date DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	108 4	5 0	50	81 73	53 4	79.6-120	0			S
1,1,2,2-Tetrachloroethane	46.85	5 0	50	0	93.7	78.9-121	0			
1,1,2-Trichloroethane	61.99	5 0	50	10.08	104	80-120	0			
1,1-Dichloroethane	61 69	5 0	50	21 1	81 2	74.2-122	0			
1,1-Dichloroethene	3142	5.0	50	3671	-1060	75.8-122	0			SEO
1,2-Dichloroethane	50 6	5 0	50	0	101	78.8-120	0			
1,2-Dichloropropane	50.5	5.0	50	0	101	80-120	0			
2-Butanone	97.51	10	100	0	97.5	69 2-131	0			
Benzene	50.53	5.0	50	0	101	80-120	0			
Bromoform	49 58	5 0	50	0	99 2	78 1-120	0			
Bromomethane	50 65	5.0	50	0	101	52.8-147	0			
Carbon tetrachloride	47 16	5 0	50	0	94 3	76.8-120	0			
Chlorobenzene	52 93	5.0	50	4.892	96.5	80-120	0			
Chloroethane	44 33	5 0	50	0	88 7	74.2-120	0			
Chloroform	48 6	5.0	50	1 336	94.5	80-120	0			
Chloromethane	46 72	5 0	50	0	93 4	63.5-133	0			
cis-1,3-Dichloropropene	55.84	5 0	50	0	112	80-120	0			
Dichloromethane	49 48	10	50	0	99	74 7-120	0			
Ethylbenzene	53 66	5.0	50	10.34	86.6	80-120	0			
Tetrachloroethene	54 76	5 0	50	15 76	78	80-120	0			S
Toluene	92 59	5.0	50	61.57	62	80-120	0			S
trans-1,2-Dichloroethene	57 43	5.0	50	10.72	93 4	75 9-122	0			
trans-1,3-Dichloropropene	53.68	5 0	50	0	107	80-120	0			
Trichloroethene	5947	5 0	50	6606	-1320	80-120	0			SEO
Vinyl chloride	220 7	2.0	50	243.3	-45 3	76 2-121	0			SEO
Xylenes, Total	158.6	15	150	16.62	94 7	80-120	0			
Surr 1,2-Dichloroethane-d4	*53 56*	5 0	*50*	0	*107*	*70-125*	0			
Surr 4-Bromofluorobenzene	*53 61*	5 0	*50*	0	*107*	*72 4-125*	0			
Surr Dibromofluoromethane	*53 42*	5 0	*50*	0	*107*	*71.2-125*	0			
Surr Toluene-d8	*56*	5 0	*50*	0	*112*	*75-125*	0			

ND - Not Detected at the Reporting Limit
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O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611361
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44205** Instrument ID **VOA1** Method: **SW8260**

MSD Sample ID **0611361-06AMSD** Units: µg/L Analysis Date **11/27/06 22:21**

Client ID **GW-MW14-111706** Run ID: **VOA1_061127A** SeqNo: **1004773** Prep Date DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	114 1	5.0	50	81.73	64.7	79 6-120	108 4	5.07	20	S
1,1,2,2-Tetrachloroethane	52 47	5.0	50	0	105	78.9-121	46.85	11.3	20	
1,1,2-Trichloroethane	65 89	5.0	50	10 08	112	80-120	61.99	6.1	20	
1,1-Dichloroethane	69 07	5.0	50	21 1	95 9	74.2-122	61.89	11 3	20	
1,1-Dichloroethene	2969	5.0	50	3671	-1400	75 6-122	3142	5 65	20	SEO
1,2-Dichloroethane	46 44	5 0	50	0	92 9	78 8-120	50 6	8 59	20	
1,2-Dichloropropane	47.61	5 0	50	0	95.2	80-120	50.5	5 9	20	
2-Butanone	95 37	10	100	0	95 4	69.2-131	97 51	2.21	20	
Benzene	44.06	5 0	50	0	88 1	80-120	50.53	13 7	20	
Bromoform	51 1	5.0	50	0	102	78 1-120	49 58	3 02	20	
Bromomethane	61 38	5 0	50	0	123	52.8-147	50.65	19.2	20	
Carbon tetrachloride	46.41	5 0	50	0	92 8	76 8-120	47 16	1 61	20	
Chlorobenzene	55 68	5 0	50	4.692	102	80-120	52.93	5 07	20	
Chloroethane	43 71	5 0	50	0	87 4	74.2-120	44.33	1 42	20	
Chloroform	53.98	5 0	50	1 336	105	80-120	48 6	10 5	20	
Chloromethane	51.2	5 0	50	0	102	63.5-133	46.72	9 15	20	
cis-1,3-Dichloropropene	49.58	5 0	50	0	99.2	80-120	55.84	11 9	20	
Dichloromethane	55 86	10	50	0	112	74 7-120	49 48	12 1	20	
Ethylbenzene	54 81	5 0	50	10 34	88 9	80-120	53 66	2 12	20	
Tetrachloroethene	57.19	5 0	50	15 76	82 9	80-120	54.76	4 35	20	
Toluene	95 59	5 0	50	61.57	68	80-120	92 59	3.18	20	S
trans-1,2-Dichloroethene	61.91	5 0	50	10.72	102	75 9-122	57 43	7.51	20	
trans-1,3-Dichloropropene	48 73	5.0	50	0	97.5	80-120	53.66	9.64	20	
Trichloroethene	5851	5 0	50	6606	-1910	80-120	5947	5 09	20	SEO
Vinyl chloride	248.7	2.0	50	243.3	10 8	76.2-121	220 7	11 9	20	SEO
Xylenes, Total	171 6	15	150	16.62	103	80-120	158 6	7.86	20	
Surr 1,2-Dichloroethane-d4	*54 04*	5 0	*50*	0	*108*	*70-125*	53.58	*0 896*	*20*	
Surr 4-Bromofluorobenzene	*56 44*	5.0	*50*	0	*113*	*72 4-125*	53.61	*5 14*	*20*	
Surr Dibromofluoromethane	*56 34*	5 0	*50*	0	*113*	*71 2-125*	53 42	*5 32*	*20*	
Surr Toluene-d8	*57 33*	5 0	*50*	0	*115*	*75-125*	56	*2 34*	*20*	

The following samples were analyzed in this batch:

0611361-01A	0611361-02A	0611361-03A
0611361-04A	0611361-06A	0611361-13A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611361
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44354** Instrument ID **VOA1** Method **SW8260**

MBLK Sample ID **VBLKW-061128** Units µg/L Analysis Date **11/28/06 15:29**

Client ID Run ID **VOA1_061128A** SeqNo **1004891** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
2-Butanone	U	10								
Benzene	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	5.0								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	5.0								
Chloroform	U	5.0								
Chloromethane	U	5.0								
cis-1,3-Dichloropropene	U	5.0								
Dichloromethane	U	10								
Ethylbenzene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								
Vinyl chloride	U	2.0								
Xylenes, Total	U	15								
Surr: 1,2-Dichloroethane-d4	*55.03*	5.0	*50*	0	*110*	*70-125*		0		
Surr: 4-Bromofluorobenzene	*54.8*	5.0	*50*	0	*110*	*72.4-125*		0		
Surr: Dibromofluoromethane	*51.92*	5.0	*50*	0	*104*	*71.2-125*		0		
Surr: Toluene-d8	*56.91*	5.0	*50*	0	*114*	*75-125*		0		

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J - Analyte detected below quantitation limits
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R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
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E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611361
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44354** Instrument ID **VOA1** Method: **SW8260**

LCS Sample ID **VLCSW-061128** Units µg/L Analysis Date: **11/28/06 14:34**
Client ID Run ID **VOA1_061128A** SeqNo: **1004890** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	51 37	5.0	50	0	103	79.6-120	0			
1,1,2,2-Tetrachloroethane	48.08	5 0	50	0	96.2	78 9-121	0			
1,1,2-Trichloroethane	53 17	5 0	50	0	106	80-120	0			
1,1-Dichloroethane	49 47	5 0	50	0	98 9	74.2-122	0			
1,1-Dichloroethene	51.02	5 0	50	0	102	75 8-122	0			
1,2-Dichloroethane	47 46	5.0	50	0	94 9	78.8-120	0			
1,2-Dichloropropane	48 1	5.0	50	0	96.2	80-120	0			
2-Butanone	103	10	100	0	103	69.2-131	0			
Benzene	48.48	5 0	50	0	97	80-120	0			
Bromoform	53 08	5 0	50	0	106	78 1-120	0			
Bromomethane	53 14	5 0	50	0	106	52 8-147	0			
Carbon tetrachlonde	48 5	5 0	50	0	97	76 8-120	0			
Chlorobenzene	49 35	5 0	50	0	98 7	80-120	0			
Chloroethane	50 65	5 0	50	0	101	74.2-120	0			
Chloroform	49 26	5 0	50	0	98.5	80-120	0			
Chloromethane	46 63	5.0	50	0	93.3	63 5-133	0			
cis-1,3-Dichloropropene	48 22	5 0	50	0	96 4	80-120	0			
Dichloromethane	47 12	10	50	0	94.2	74 7-120	0			
Ethylbenzene	49 08	5 0	50	0	98.2	80-120	0			
Tetrachloroethene	49 06	5 0	50	0	98 1	80-120	0			
Toluene	50 93	5 0	50	0	102	80-120	0			
trans-1,2-Dichloroethene	52.38	5 0	50	0	105	75.9-122	0			
trans-1,3-Dichloropropene	45 61	5 0	50	0	91.2	80-120	0			
Trichloroethene	49 95	5 0	50	0	99 9	80-120	0			
Vinyl chlonde	51.35	2 0	50	0	103	76 2-121	0			
Xylenes, Total	149 6	15	150	0	99.7	80-120	0			
Surr 1,2-Dichloroethane-d4	*49 87*	5 0	*50*	0	*99 7*	*70-125*	0			
Surr 4-Bromofluorobenzene	*52 63*	5 0	*50*	0	*105*	*72 4-125*	0			
Surr Dibromofluoromethane	*56 63*	5 0	*50*	0	*113*	*71 2-125*	0			
Surr Toluene-d8	*53*	5 0	*50*	0	*106*	*75-125*	0			

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R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611361
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44364** Instrument ID **VOA1** Method **SW8260**

MS Sample ID **0611361-08AMS** Units: µg/L Analysis Date. **11/28/06 21:00**

Client ID **GW-MW12-111706** Run ID **VOA1_061128A** SeqNo **1004903** Prep Date DF **200**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	9891	1,000	10000	0	98.9	79 6-120	0			
1,1,2,2-Tetrachloroethane	9264	1,000	10000	0	92.6	78 9-121	0			
1,1,2-Trichloroethane	11050	1,000	10000	0	110	80-120	0			
1,1-Dichloroethane	9666	1,000	10000	0	96 7	74.2-122	0			
1,1-Dichloroethene	10050	1,000	10000	0	100	75 8-122	0			
1,2-Dichloroethane	9602	1,000	10000	0	96	78.8-120	0			
1,2-Dichloropropane	8891	1,000	10000	0	88.9	80-120	0			
2-Butanone	19620	2,000	20000	0	98.1	69.2-131	0			
Benzene	9312	1,000	10000	0	93 1	80-120	0			
Bromoform	10170	1,000	10000	0	102	78 1-120	0			
Bromomethane	10530	1,000	10000	0	105	52.8-147	0			
Carbon tetrachloride	9357	1,000	10000	0	93 6	76.8-120	0			
Chlorobenzene	9635	1,000	10000	0	96 4	80-120	0			
Chloroethane	9780	1,000	10000	0	97 8	74.2-120	0			
Chloroform	9888	1,000	10000	0	98.9	80-120	0			
Chloromethane	9147	1,000	10000	0	91.5	63.5-133	0			
cis-1,3-Dichloropropene	9647	1,000	10000	0	96 5	80-120	0			
Dichloromethane	10020	2,000	10000	0	100	74 7-120	0			
Ethylbenzene	9989	1,000	10000	0	99.9	80-120	0			
Tetrachloroethene	10180	1,000	10000	0	102	80-120	0			
Toluene	10500	1,000	10000	0	105	80-120	0			
trans-1,2-Dichloroethene	10430	1,000	10000	0	104	75 9-122	0			
trans-1,3-Dichloropropene	9518	1,000	10000	0	95 2	80-120	0			
Trichloroethene	9729	1,000	10000	0	97.3	80-120	0			
Vinyl chloride	9923	400	10000	0	99.2	76.2-121	0			
Xylenes, Total	29410	3,000	30000	0	98	80-120	0			
Surr 1,2-Dichloroethane-d4	*10890*	1,000	*10000*	0	*109*	*70-125*	0			
Surr 4-Bromofluorobenzene	*11710*	1,000	*10000*	0	*117*	*72 4-125*	0			
Surr Dibromofluoromethane	*10900*	1,000	*10000*	0	*109*	*71 2-125*	0			
Surr Toluene-d8	*12080*	1,000	*10000*	0	*121*	*75-125*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611361
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44364** Instrument ID **VOA1** Method **SW8260**

MSD Sample ID: **0611361-08AMSD** Units µg/L Analysis Date: **11/28/06 21:27**

Client ID: **GW-MW12-111706** Run ID **VOA1_061128A** SeqNo: **1004904** Prep Date DF: **200**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	9412	1,000	10000	0	94 1	79 6-120	9891	4.97	20	
1,1,2,2-Tetrachloroethane	9704	1,000	10000	0	97	78.9-121	9264	4 64	20	
1,1,2-Trichloroethane	9493	1,000	10000	0	94.9	80-120	11050	15 1	20	
1,1-Dichloroethane	9036	1,000	10000	0	90.4	74.2-122	9668	6.74	20	
1,1-Dichloroethene	8870	1,000	10000	0	88 7	75 8-122	10050	12.5	20	
1,2-Dichloroethane	9841	1,000	10000	0	98 4	78.8-120	9602	2 46	20	
1,2-Dichloropropane	10060	1,000	10000	0	101	80-120	8891	12 4	20	
2-Butanone	16690	2,000	20000	0	83.4	69.2-131	19620	16.1	20	
Benzene	10090	1,000	10000	0	101	80-120	9312	7 99	20	
Bromoform	9123	1,000	10000	0	91.2	78 1-120	10170	10 9	20	
Bromomethane	10570	1,000	10000	0	107	52.8-147	10530	1.41	20	
Carbon tetrachloride	9502	1,000	10000	0	95	76.8-120	9357	1 54	20	
Chlorobenzene	9869	1,000	10000	0	98 7	80-120	9635	2 4	20	
Chloroethane	9097	1,000	10000	0	91	74.2-120	9780	7.24	20	
Chloroform	9179	1,000	10000	0	91 8	80-120	9888	7 43	20	
Chloromethane	9094	1,000	10000	0	90 9	63 5-133	9147	0.579	20	
cis-1,3-Dichloropropene	9927	1,000	10000	0	99 3	80-120	9647	2 86	20	
Dichloromethane	9425	2,000	10000	0	94 3	74.7-120	10020	6 11	20	
Ethylbenzene	9004	1,000	10000	0	90	80-120	9989	10 4	20	
Tetrachloroethene	8933	1,000	10000	0	89 3	80-120	10180	13	20	
Toluene	9111	1,000	10000	0	91.1	80-120	10500	14 2	20	
trans-1,2-Dichloroethene	9027	1,000	10000	0	90 3	75 9-122	10430	14 4	20	
trans-1,3-Dichloropropene	9362	1,000	10000	0	93 6	80-120	9518	1.65	20	
Trichloroethene	10120	1,000	10000	0	101	80-120	9729	3 93	20	
Vinyl chloride	9091	400	10000	0	90.9	76.2-121	9923	8.74	20	
Xylenes, Total	28930	3,000	30000	0	96.4	80-120	29410	1 65	20	
Surr: 1,2-Dichloroethane-d4	*9890*	1,000	*10000*	0	*98 9*	*70-125*	10890	*9 63*	*20*	
Surr: 4-Bromofluorobenzene	*9798*	1,000	*10000*	0	*98*	*72 4-125*	11710	*17 8*	*20*	
Surr: Dibromofluoromethane	*10680*	1,000	*10000*	0	*107*	*71 2-125*	10900	*1 99*	*20*	
Surr: Toluene-d8	*10610*	1,000	*10000*	0	*106*	*75-125*	12080	*13*	*20*	

The following samples were analyzed in this batch:

0611361-01A	0611361-02A	0611361-03A
0611361-04A	0611361-05A	0611361-06A
0611361-07A	0611361-08A	0611361-09A
0611361-10A	0611361-11A	0611361-12A
0611361-14A		

ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611361
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44402** Instrument ID **VOA1** Method: **SW8260**

MBLK Sample ID. **VBLKW-061129** Units. µg/L Analysis Date **11/29/06 11:51**

Client ID Run ID· **VOA1_061129A** SeqNo **1005838** Prep Date· DF· **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
2-Butanone	U	10								
Benzene	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	5.0								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	5.0								
Chloroform	U	5.0								
Chloromethane	U	5.0								
cis-1,3-Dichloropropene	U	5.0								
Dichloromethane	U	10								
Ethylbenzene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								
Vinyl chloride	U	2.0								
Xylenes, Total	U	15								
Surr: 1,2-Dichloroethane-d4	*47.48*	5.0	*50*	0	*95*	*70-125*		0		
Surr: 4-Bromofluorobenzene	*56.56*	5.0	*50*	0	*113*	*72.4-125*		0		
Surr: Dibromofluoromethane	*53.92*	5.0	*50*	0	*108*	*71.2-125*		0		
Surr: Toluene-d8	*58.14*	5.0	*50*	0	*116*	*75-125*		0		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611361
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID R44402 Instrument ID VOA1 Method: SW8260

LCS Sample ID VLCSW-061129 Units: µg/L Analysis Date: 11/29/06 10:56
Client ID Run ID VOA1_061129A SeqNo 1005637 Prep Date: DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	53.68	5.0	50	0	107	79.6-120	0			
1,1,2,2-Tetrachloroethane	47.88	5.0	50	0	95.8	76.9-121	0			
1,1,2-Trichloroethane	53.32	5.0	50	0	107	80-120	0			
1,1-Dichloroethane	50.25	5.0	50	0	101	74.2-122	0			
1,1-Dichloroethene	49.66	5.0	50	0	99.3	75.8-122	0			
1,2-Dichloroethane	46.36	5.0	50	0	92.7	78.8-120	0			
1,2-Dichloropropane	48.52	5.0	50	0	97	80-120	0			
2-Butanone	116.1	10	100	0	116	69.2-131	0			
Benzene	46.25	5.0	50	0	92.5	80-120	0			
Bromoform	50.91	5.0	50	0	102	78.1-120	0			
Bromomethane	58.66	5.0	50	0	117	52.8-147	0			
Carbon tetrachloride	47.69	5.0	50	0	95.4	76.8-120	0			
Chlorobenzene	51.46	5.0	50	0	103	80-120	0			
Chloroethane	51.59	5.0	50	0	103	74.2-120	0			
Chloroform	50.37	5.0	50	0	101	80-120	0			
Chloromethane	47.59	5.0	50	0	95.2	63.5-133	0			
cis-1,3-Dichloropropene	49.35	5.0	50	0	98.7	80-120	0			
Dichloromethane	52.18	10	50	0	104	74.7-120	0			
Ethylbenzene	48.57	5.0	50	0	97.1	80-120	0			
Tetrachloroethene	51.8	5.0	50	0	104	80-120	0			
Toluene	51.38	5.0	50	0	103	80-120	0			
trans-1,2-Dichloroethene	51.17	5.0	50	0	102	75.9-122	0			
trans-1,3-Dichloropropene	47.7	5.0	50	0	95.4	80-120	0			
Trichloroethene	48.38	5.0	50	0	96.8	80-120	0			
Vinyl chloride	54.79	2.0	50	0	110	76.2-121	0			
Xylenes, Total	157.2	15	150	0	105	80-120	0			
Surr: 1,2-Dichloroethane-d4	*52.23*	5.0	*50*	0	*104*	*70-125*	0			
Surr: 4-Bromofluorobenzene	*57.44*	5.0	*50*	0	*115*	*72.4-125*	0			
Surr: Dibromofluoromethane	*57.52*	5.0	*50*	0	*115*	*71.2-125*	0			
Surr: Toluene-d8	*57.66*	5.0	*50*	0	115	75-125	0			

ND - Not Detected at the Reporting Limit
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P - Dual Column results percent difference > 40%
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CLIENT: Golder Associates, Inc.
Work Order: 0611361
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID R44402 Instrument ID VOA1 Method: SW8260

MS Sample ID: 0611408-21AMS Units: µg/L Analysis Date 11/29/06 16:25

Client ID Run ID VOA1_061129A SeqNo 1005843 Prep Date DF 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	44 44	5 0	50	0	88.9	79.6-120	0			
1,1,2,2-Tetrachloroethane	48 89	5 0	50	0	97.8	78.9-121	0			
1,1,2-Trichloroethane	51 67	5 0	50	0	103	80-120	0			
1,1-Dichloroethane	47 03	5 0	50	0	94.1	74 2-122	0			
1,1-Dichloroethene	40 85	5 0	50	0	81 7	75.8-122	0			
1,2-Dichloroethane	46 76	5.0	50	0	93.5	78.8-120	0			
1,2-Dichloropropane	46 63	5 0	50	0	93.3	80-120	0			
2-Butanone	128 5	10	100	0	128	69.2-131	0			
Benzene	42.21	5 0	50	0	84 4	80-120	0			
Bromoform	52 06	5 0	50	0	104	78 1-120	0			
Bromomethane	53.64	5.0	50	0	107	52.8-147	0			
Carbon tetrachloride	38 61	5 0	50	0	77 2	76.8-120	0			
Chlorobenzene	48 36	5 0	50	0	96.7	80-120	0			
Chloroethane	42 44	5 0	50	0	84 9	74.2-120	0			
Chloroform	50 61	5 0	50	0	101	80-120	0			
Chloromethane	44.97	5 0	50	0	89 9	63.5-133	0			
cis-1,3-Dichloropropene	48 06	5 0	50	0	96.1	80-120	0			
Dichloromethane	48.38	10	50	0	96 8	74.7-120	0			
Ethylbenzene	45 93	5.0	50	0	91 9	80-120	0			
Tetrachloroethene	51.37	5.0	50	9.264	84 2	80-120	0			
Toluene	46.2	5 0	50	0	92 4	80-120	0			
trans-1,2-Dichloroethene	49 43	5 0	50	0	98 9	75 9-122	0			
trans-1,3-Dichloropropene	47.17	5.0	50	0	94.3	80-120	0			
Trichloroethene	44 46	5 0	50	0	88 9	80-120	0			
Vinyl chloride	41 85	2.0	50	0	83.7	78.2-121	0			
Xylenes, Total	148.3	15	150	0	98 9	80-120	0			
Surr 1,2-Dichloroethane-d4	*56 94*	5 0	*50*	0	*114*	*70-125*	0			
Surr 4-Bromofluorobenzene	*48 92*	5 0	*50*	0	*97 8*	*72 4-125*	0			
Surr Dibromofluoromethane	56 55	5 0	50	0	113	71 2-125	0			
Surr Toluene-d8	*56 54*	5 0	*50*	0	*113*	*75-125*	0			

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R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0611361
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44402** Instrument ID **VOA1** Method. **SW8260**

MSD Sample ID **0611408-21AMSD** Units µg/L Analysis Date: **11/29/06 16:53**

Client ID: Run ID: **VOA1_061129A** SeqNo: **1006844** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	47.12	5.0	50	0	94.2	79.6-120	44 44	5 85	20	
1,1,2,2-Tetrachloroethane	54.88	5.0	50	0	110	78.9-121	48.89	11 6	20	
1,1,2-Trichloroethane	54 8	5.0	50	0	110	80-120	51 67	5 88	20	
1,1-Dichloroethane	50.26	5.0	50	0	101	74.2-122	47.03	6.64	20	
1,1-Dichloroethene	45.55	5 0	50	0	91.1	75.8-122	40.85	10.9	20	
1,2-Dichloroethane	51.91	5 0	50	0	104	78 8-120	46 76	10.4	20	
1,2-Dichloropropane	45 85	5.0	50	0	91 7	80-120	48.63	1.89	20	
2-Butanone	134.4	10	100	0	134	69.2-131	128.5	4.52	20	S
Benzene	48 7	5.0	50	0	97.4	80-120	42.21	14.3	20	
Bromoform	52 73	5.0	50	0	105	78.1-120	52.06	1.29	20	
Bromomethane	62.67	5 0	50	0	125	52 8-147	53 64	15.5	20	
Carbon tetrachlonde	42 46	5.0	50	0	85	76.8-120	38 61	9.54	20	
Chlorobenzene	50.67	5 0	50	0	101	80-120	48.36	4 66	20	
Chloroethane	49 95	5 0	50	0	99.9	74 2-120	42 44	16 3	20	
Chloroform	55 5	5.0	50	0	111	80-120	50.61	9.22	20	
Chloromethane	47 04	5.0	50	0	94.1	63 5-133	44 97	4 49	20	
cis-1,3-Dichloropropene	50 29	5 0	50	0	101	80-120	48 06	4 53	20	
Dichloromethane	53 46	10	50	0	107	74 7-120	48 38	9 97	20	
Ethylbenzene	48 5	5 0	50	0	97	80-120	45 93	5 44	20	
Tetrachloroethene	53 82	5 0	50	9.264	89 1	80-120	51 37	4.65	20	
Toluene	51 47	5 0	50	0	103	80-120	46 2	10.8	20	
trans-1,2-Dichloroethene	51 46	5.0	50	0	103	75 9-122	49 43	4 03	20	
trans-1,3-Dichloropropene	52 19	5.0	50	0	104	80-120	47 17	10.1	20	
Trichloroethene	49 68	5.0	50	0	99.4	80-120	44 46	11 1	20	
Vinyl chlonde	47 08	2 0	50	0	94.2	76.2-121	41 85	11 8	20	
Xylenes, Total	155 7	15	150	0	104	80-120	148.3	4.84	20	
Surr 1,2-Dichloroethane-d4	*56 52*	5.0	*50*	0	*113*	*70-125*	56.94	*0 731*	*20*	
Surr 4-Bromofluorobenzene	*58 25*	5 0	*50*	0	*116*	*72 4-125*	48 92	*17 4*	*20*	
Surr Dibromofluoromethane	*59 67*	5.0	*50*	0	*119*	*71 2-125*	56 55	*5 38*	*20*	
Surr Toluene-d8	*56 3*	5 0	*50*	0	*113*	*75-125*	56.54	*0 437*	*20*	

The following samples were analyzed in this batch: 0611361-08A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
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MDLs & MQLs

Golder Associates, Inc.
CRI Superfund
Work Order 0611361

e-Lab Analytical, Inc. **Date:** Dec 01, 2006

Test Code: 8260_TCL_W
Test Number: SW8260
Test Name: TCL Volatile Organics
Matrix: Aqueous **Units:** µg/L

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	1,1,1-Trichloroethane	71-55-6	0.6	5
A	1,1,2,2-Tetrachloroethane	79-34-5	1.5	5
A	1,1,2-Trichloroethane	79-00-5	0.5	5
A	1,1-Dichloroethane	75-34-3	0.5	5
A	1,1-Dichloroethene	75-35-4	0.6	5
A	1,2-Dichloroethane	107-06-2	0.5	5
A	1,2-Dichloropropane	78-87-5	0.7	5
A	2-Butanone	78-93-3	0.8	10
A	Benzene	71-43-2	0.6	5
A	Bromoform	75-25-2	0.8	5
A	Bromomethane	74-83-9	0.5	5
A	Carbon tetrachloride	56-23-5	0.6	5
A	Chlorobenzene	108-90-7	0.5	5
A	Chloroethane	75-00-3	0.6	5
A	Chloroform	67-66-3	0.5	5
A	Chloromethane	74-87-3	0.5	5
A	cis-1,3-Dichloropropene	10061-01-5	0.5	5
A	Dichloromethane	75-09-2	0.6	10
A	Ethylbenzene	100-41-4	0.5	5
A	Tetrachloroethene	127-18-4	0.5	5
A	Toluene	108-88-3	0.5	5
A	trans-1,2-Dichloroethene	156-60-5	0.6	5
A	trans-1,3-Dichloropropene	10061-02-6	0.5	5
A	Trichloroethene	79-01-6	0.7	5
A	Vinyl chloride	75-01-4	0.6	2
M	Xylenes, Total	1330-20-7	1.5	15
S	Surr: 1,2-Dichloroethane-d4	17060-07-0	0	5
S	Surr: 4-Bromofluorobenzene	460-00-4	0	5
S	Surr: Dibromofluoromethane	1868-53-7	0	5
S	Surr: Toluene-d8	2037-26-5	0	5

Golder Associates, Inc.

CRI Superfund

Work Order 0611426

The total number of pages in this document is _____

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- Volatiles Raw Data
- Metals Raw Data
- Mercury Raw Data
- Moisture Raw Data

e-Lab Analytical, Inc. **Date:** *December 05, 2006*

CLIENT:	Golder Associates, Inc.
Project:	CRI-Superfund Wiley, Texas
Work Order:	0611426

TRRP Laboratory Data Package Cover Page

This data package consists of all or some of the following as applicable:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation:

R2 Sample identification cross-reference

R3 Test reports (analytical data sheets) for each environmental sample that includes:
- a) Items consistent with NELAC 5.13 or ISO/IEC 17025 Section 5.10
- b) dilution factors,
- c) preparation methods,
- d) cleanup methods, and
- e) if required for the project, tentatively identified compounds (TICs).

R4 Surrogate recovery data including:
- a) Calculated recovery (%R), and
- b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms for laboratory control samples (LCSs) including:
- a) LCS spiking amounts,
- b) Calculated %R for each analyte, and
- c)The laboratory's LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
- a) Samples associated with the MS/MSD clearly identified,
- b) MS/MSD spiking amounts,
- c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
- d) Calculated %Rs and relative percent differences (RPDs), and
- e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) recovery and precision:
- a) the amount of analyte measured in the duplicate,
- b) the calculated RPD, and
- c) the laboratory's QC limits for analytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;?

R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release Statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exception reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratory in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, if applicable: [NA] This laboratory is an in-house laboratory controlled by the person responding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Patricia L. Lynch

Patricia L. Lynch

Project Manager

Laboratory Review Checklist: Reportable Data

Laboratory Name: e-Lab Analytical, Inc.	LRC Date: 01/03/2007
Project Name: CRI Superfund Wiley	Laboratory Job Number: 0611426
Reviewer Name: Patricia L. Lynch	Prep Batch Number(s): 20946, 20949, 20959, 20968, R44253, R44354 and R44421

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	CHAIN-OF-CUSTODY (C-O-C)					
		1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		2) Were all departures from standard conditions described in an exception report?	X				
R2	OI	SAMPLE AND QUALITY CONTROL (QC) IDENTIFICATION					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	TEST REPORTS					
		1) Were all samples prepared and analyzed within holding times?	X				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample quantitation limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	X				
		7) Was % moisture (or solids) reported for all soil and sediment samples?	X				
		8) If required for the project, TICs reported?			X		
R4	O	SURROGATE RECOVERY DATA					
		1) Were surrogates added prior to extraction?	X				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	TEST REPORTS/SUMMMARY FORMS FOR BLANK SAMPLES					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?	X				
R6	OI	LABORATORY CONTROL SAMPLES (LCS):					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	X				
		6) Was the LCSD RPD within QC limits?	X				
R7	OI	MATRIX SPIKE (MS) AND MATRIX SPIKE DUPLICATE (MSD) DATA					
		1) Were the project/method specified analytes included in the MS and MSD?	X				
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			1
		4) Were MS/MSD RPDs within laboratory QC limits?		X			2
R8	OI	ANALYTICAL DUPLICATE DATA					
		1) Were appropriate analytical duplicates analyzed for each matrix?	X				
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?		X			3
R9	OI	METHOD QUANTITATION LIMITS (MQLS):					
		1) Are the MQLs for each method analyte listed and included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs included in the laboratory data package?	X				
R10	OI	OTHER PROBLEMS/ANOMALIES					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		2) Were all necessary corrective actions performed for the reported data?	X				
		3) If requested, is the justification for elevated SQLs documented?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted in o the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3 NA = Not applicable;
4 NR = Not Reviewed;
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Supporting Data								
Laboratory Name: e-lab Analytical, Inc			LRC Date: 01/03/2007					
Project Name: CRI Superfund Wiley			Laboratory Job Number: 0611426					
Reviewer Name: Patricia L. Lynch			Prep Batch Number(s): 20946, 20949, 20959, 20968, R44253, R44354 and R44421					
#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	INITIAL CALIBRATION (ICAL)					
		1) Were response factors (RFs) and/or relative response factors (RRFs) for each analyte within the QC limits?	X				
		2) Were percent RSDs or correlation coefficient criteria met?	X				
		3) Was the number of standards recommended in the method used for all analytes?	X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		5) Are ICAL data available for all instruments used?	X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	INITIAL AND CONTINUING CALIBRATION VERIFICATION (ICCV AND CCV) AND					
		1) Was the CCV analyzed at the method-required frequency?	X				
		2) Were percent differences for each analyte within the method-required QC limits?	X				
		3) Was the ICAL curve verified for each analyte?	X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	MASS SPECTRAL TUNING:					
		1) Was the appropriate compound for the method used for tuning?	X				
		2) Were ion abundance data within the method-required QC limits?	X				
S4	O	INTERNAL STANDARDS (IS):					
		Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	RAW DATA (NELAC SECTION 1 APPENDIX A GLOSSARY, AND SECTION 5.12 OR					
		1) Were the raw data (e.g., chromatograms, spectral data) reviewed by an analyst?	X				
		2) Were data associated with manual integrations flagged on the raw data?	X				
S6	O	DUAL COLUMN CONFIRMATION					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	TENTATIVELY IDENTIFIED COMPOUNDS (TICS):					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	INTERFERENCE CHECK SAMPLE (ICS) RESULTS:					
		Were percent recoveries within method QC limits?	X				
S9	I	SERIAL DILUTIONS, POST DIGESTION SPIKES, AND METHOD OF STANDARD					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?		X			4
S10	OI	PROFICIENCY TEST REPORTS:					
		Are proficiency testing or inter-laboratory comparison results on file?	X				
S11	OI	METHOD DETECTION LIMIT (MDL) STUDIES					
		1) Was a MDL study performed for each reported analyte?	X				
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S12	OI	STANDARDS DOCUMENTATION					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	COMPOUND/ANALYTE IDENTIFICATION PROCEDURES					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	DEMONSTRATION OF ANALYST COMPETENCY (DOC)					
		1) Was DOC conducted consistent with NELAC 5C or ISO/IEC 4.2.2?	X				
		2) Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	VERIFICATION/VALIDATION DOCUMENTATION FOR METHODS					
		Are all the methods used to generate the data documented, verified, and validated, where applicable, (NELAC 5.10.2 or ISO/IEC 17025 Section 5.4.5)?	X				
S16	OI	LABORATORY STANDARD OPERATING PROCEDURES (SOPS):					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked)

Laboratory Review Checklist: Exception Report		
Laboratory Name: e-Lab Analytical, Inc.		LRC Date: 01/03/2007
Project Name: CRI Superfund Wiley		Laboratory Job Number: 0611426
Reviewer Name: Patricia L. Lynch		Prep Batch Number(s): 20946, 20949, 20959, 20968, R44253, R44354 and R44421
ER #[1]	DESCRIPTION	
1	Batch 20968 Metals MS/MSD recoveries (sample SB86-12) are outside the control limits for numerous target metals due to matrix interference.	
2	Batch 20968 Metals MS/MSD RPD's (sample SB86-12) are above the control limits for Chromium and Lead due to matrix interference.	
3	Batch 20968 Metals Duplicate RPD's (sample SB86-12) are above the control limits for Lead and Selenium due to matrix interference.	
4	Batch 20968 Barium Post-Digestion Spike recovery (sample SB86-12) is below the control limits due to matrix interference. The result is flagged with O due to the Barium concentration in the background sample. All other recoveries are in control.	
	Batch 20968 Zinc Serial Dilution %D (sample SB86-12) is marginally above the control limit. All other %D's are in control.	

1 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

e-Lab Analytical, Inc. **Date:** *December 05, 2006*

CLIENT: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas
Work Order: 0611426

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
0611426-01	SB86-06	Soil		11/24/2006 12:45	11/25/2006 08:31	☐
0611426-02	SB86-06 DS 21	Soil		11/24/2006 12:45	11/25/2006 08:31	☐
0611426-03	SB86-12	Soil		11/24/2006 12:50	11/25/2006 08:31	☐
0611426-04	SB86-18	Soil		11/24/2006 13:00	11/25/2006 08:31	☐
0611426-05	SB86-18 DS 22	Soil		11/24/2006 13:00	11/25/2006 08:31	☐
0611426-06	SB86-24	Soil		11/24/2006 13:15	11/25/2006 08:31	☐
0611426-07	SB86-24 DS 23	Soil		11/24/2006 13:15	11/25/2006 08:31	☐
0611426-08	RS-4	Water		11/24/2006 13:30	11/25/2006 08:31	☐
0611426-09	Trip Blank 100	Trip Blank		11/24/2006	11/25/2006 08:31	☐

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10450 Stancliff Rd. #210
Houston, Texas 77099
(Tel) 281.530.5656
(Fax) 281.530.5887

Chain of Custody Form

Page 1 of 2

3352 128th Avenue
Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

e-Lab Project Manager: | e-Lab Work Order #: 0611426

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (5035/8260) TCL ← 7 Day TAT
Work Order		Project Number		B	Total Metals (6020/7000) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Plitt	Invoice Attn	Jack Plitt	D	
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	VOCs only
				F	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6888	Phone	(281) 821-6888	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address	JPLitt@Golder.com	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB86-06		1245	S	—	1		✓	✓								
2	" " DS21		↓			1		✓	✓								
3	SB86-12		1250			1		✓	✓								
4	SB86-12 MSS 17		↓			1		✓	✓								
5	SB86-12 MDS 17		↓		↓	1		✓	✓								
6	SB86-18		1300		HCl	5	✓	✓	✓								
7	SB86-18 DS22		↓			4	✓										
8	SB86-24 (Archive)		1315			5	✓	✓	✓								✓
9	SB86-24 MSS 18 (Archive)		↓			5	✓	✓	✓								✓
10	SB86-24 MDS 18 (Archive)		↓	↓	↓	5	✓	✓	✓								✓

Sampler(s) Please Print & Sign: Jack Plitt | Shipment Method: Fed EX | Required Turnaround Time (Check Box): ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour | Results Due Date:

Relinquished by: Jack Plitt	Date: 11/24/06	Time: 1500	Received by:	Notes: 10 Day TAT.
Relinquished by:	Date:	Time:	Received by (Laboratory): 25 11/23/06 0831	e-Lab Analytical Cooler ID / Cooler Temp
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	QC Package (Check One Box Below): ☐ Level II Std QC ☑ TRRP Checklist ☐ Level III Std QC/Raw Data ☐ TRRP Level IV ☐ Level IV SW846/CLP ☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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Chain of Custody Form

Page 2 of 2

3352 128th Avenue
Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

e-Lab Project Manager: | e-Lab Work Order #: 0611426

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (5035/8260) TCL 7 DAY TAT
Work Order		Project Number		B	Total Metals (6020/7000) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Plitt	Invoice Attn	Jack Plitt	D	VOC
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	ONLY
				F	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB86-24 DS 23		1315	S	HCL	5	✓	✓	✓								✓
2	SB86-18 MSS 19		1300	↓	↓	4	✓	✓									
3	SB86-18 MDS 19		↓	↓	↓	4	✓										
4	RS 4		1330	W	↓	4	✓	✓									
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: [signature]

Shipment Method: Fed EX

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 6 WK Days ☐ Other 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Notes: 10 Day TAT.
[signature]	11/24/00	1500		
Relinquished by:	Date:	Time:	Received by (Laboratory): [signature] 25 12/30/00 0831	e-Lab Analytical Cooler ID / Cooler Temp
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory): [signature]	

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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Sample Receipt Checklist

Client Name GOLDER-HOU

Date/Time Received: 11/25/2006 8:31:00 AM

Work Order Number 0611428

Received by: RSZ

Checklist completed by [signature] Signature 11/27/06 Date

Reviewed by [signature] Initials 11/27/06 Date

Matrix S + W

Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s) Thermometer(s)	2.9 C	002	
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐

Adjusted? _____ Checked by _____

Login Notes: TB not listed on COC-Logged in w/o analyses. Terracore samples preserved with MEOH-COC lists HCL preservative. Date of collection taken from container tables- Not listed on COC. Logged in for 5 day TAT due to Contingency/HOLD samples

Client contacted

Date contacted:

Person contacted

Contacted by:

Regarding:

Comments:

Corrective Action

064426

...ar This portion can be removed for recipient's records

...te 11/24/06 FedEx Tracking Number 858669877124

...nder's ...me Jack Pfitt Phone 2x1 x=1 6x6...

Company Golder Associates

Address 500 Century Plaza Dr. Ste 170

Dept/Room/Suite/Room

...y Houston State TX ZIP 77072

...our Internal Billing Reference 065-4000...

e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

Date:
Name:
Company:

CUSTODY

Analytical Report

Golder Associates, Inc.
CRI Superfund – Wiley, TX
Work Order 0611426

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB86-06
Work Order:	0611426	**Collection Date:**	11/24/2006 12:45:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611426-01	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/28/06		Analyst: JCJ
Mercury	13.5	J	1.7	16.3	µg/Kg-dry	1	11/28/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/29/06		Analyst: ALR
Antimony	0.441	J	0.15	0.546	mg/Kg-dry	1	11/30/2006
Arsenic	3.53		0.14	0.546	mg/Kg-dry	1	11/30/2006
Barium	348		3.8	27.3	mg/Kg-dry	50	12/1/2006
Beryllium	0.788		0.033	0.546	mg/Kg-dry	1	11/30/2006
Cadmium	0.305	J	0.033	0.546	mg/Kg-dry	1	11/30/2006
Chromium	71.7		0.076	0.546	mg/Kg-dry	1	11/30/2006
Copper	36.1		0.044	0.546	mg/Kg-dry	1	11/30/2006
Lead	369		4.9	27.3	mg/Kg-dry	50	12/1/2006
Nickel	13.8		0.087	0.546	mg/Kg-dry	1	11/30/2006
Selenium	0.688		0.21	0.546	mg/Kg-dry	1	11/30/2006
Silver	U		0.022	0.546	mg/Kg-dry	1	12/1/2006
Thallium	0.196	J	0.055	0.546	mg/Kg-dry	1	11/30/2006
Zinc	320		5.5	27.3	mg/Kg-dry	50	12/1/2006
PERCENT MOISTURE			Method: E160.3				Analyst: PV
Percent Moisture	19.7		0.010	0.0100	wt%	1	11/27/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB86-06 DS 21
Work Order:	0611426	**Collection Date:**	11/24/2006 12:45:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611426-02	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/28/06		Analyst: JCJ
Mercury	26.1		1.7	16.1	µg/Kg-dry	1	11/28/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/29/06		Analyst: ALR
Antimony	0.600		0.15	0.538	mg/Kg-dry	1	11/30/2006
Arsenic	3.03		0.14	0.538	mg/Kg-dry	1	11/30/2006
Barium	360		3.8	26.9	mg/Kg-dry	50	12/1/2006
Beryllium	0.756		0.032	0.538	mg/Kg-dry	1	11/30/2006
Cadmium	0.218	J	0.032	0.538	mg/Kg-dry	1	11/30/2006
Chromium	91.4		0.075	0.538	mg/Kg-dry	1	11/30/2006
Copper	27.9		0.043	0.538	mg/Kg-dry	1	11/30/2006
Lead	386		4.8	26.9	mg/Kg-dry	50	12/1/2006
Nickel	12.0		0.086	0.538	mg/Kg-dry	1	11/30/2006
Selenium	0.715		0.20	0.538	mg/Kg-dry	1	11/30/2006
Silver	U		0.022	0.538	mg/Kg-dry	1	12/1/2006
Thallium	0.127	J	0.054	0.538	mg/Kg-dry	1	11/30/2006
Zinc	230		5.4	26.9	mg/Kg-dry	50	12/1/2006
PERCENT MOISTURE			Method: E160.3				Analyst: PV
Percent Moisture	19.2		0.010	0.0100	wt%	1	11/27/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB86-12
Work Order:	0611426	**Collection Date:**	11/24/2006 12:50:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611426-03	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: SW7471A			Prep: SW7471A / 11/28/06		Analyst: JCJ
Mercury	7.26	J	1.6	15.6	µg/Kg-dry	1	11/28/2006
ICP METALS		Method: SW6020			Prep: SW3050A / 11/29/06		Analyst: ALR
Antimony	U		0.15	0.539	mg/Kg-dry	1	11/30/2006
Arsenic	3.35		0.14	0.539	mg/Kg-dry	1	11/30/2006
Barium	183		0.075	0.539	mg/Kg-dry	1	12/1/2006
Beryllium	0.730		0.032	0.539	mg/Kg-dry	1	11/30/2006
Cadmium	0.124	J	0.032	0.539	mg/Kg-dry	1	11/30/2006
Chromium	12.1		0.075	0.539	mg/Kg-dry	1	11/30/2006
Copper	22.5		0.043	0.539	mg/Kg-dry	1	11/30/2006
Lead	27.4		0.097	0.539	mg/Kg-dry	1	11/30/2006
Nickel	10.6		0.086	0.539	mg/Kg-dry	1	11/30/2006
Selenium	0.500		0.20	0.539	mg/Kg-dry	1	11/30/2006
Silver	U		0.022	0.539	mg/Kg-dry	1	12/1/2006
Thallium	0.168	J	0.054	0.539	mg/Kg-dry	1	11/30/2006
Zinc	39.8		0.11	0.539	mg/Kg-dry	1	11/30/2006
PERCENT MOISTURE		Method: E160.3					Analyst: PV
Percent Moisture	17.1		0.010	0.0100	wt%	1	11/27/2006

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB86-18
Work Order:	0611426	**Collection Date:**	11/24/2006 1:00:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611426-04	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7471A		Prep: SW7471A / 11/28/06		Analyst: JCJ
Mercury	12.6	J	1.7	16.0	µg/Kg-dry	1	11/28/2006
ICP METALS			Method: SW6020		Prep: SW3050A / 11/29/06		Analyst: ALR
Antimony	U		0.15	0.537	mg/Kg-dry	1	11/30/2006
Arsenic	4.18		0.14	0.537	mg/Kg-dry	1	11/30/2006
Barium	176		0.075	0.537	mg/Kg-dry	1	12/1/2006
Beryllium	0.673		0.032	0.537	mg/Kg-dry	1	12/1/2006
Cadmium	0.239	J	0.032	0.537	mg/Kg-dry	1	11/30/2006
Chromium	19.5		0.075	0.537	mg/Kg-dry	1	11/30/2006
Copper	18.6		0.043	0.537	mg/Kg-dry	1	11/30/2006
Lead	47.4		0.097	0.537	mg/Kg-dry	1	11/30/2006
Nickel	13.4		0.086	0.537	mg/Kg-dry	1	11/30/2006
Selenium	0.790		0.20	0.537	mg/Kg-dry	1	11/30/2006
Silver	U		0.021	0.537	mg/Kg-dry	1	12/1/2006
Thallium	0.133	J	0.064	0.537	mg/Kg-dry	1	11/30/2006
Zinc	50.1		0.11	0.537	mg/Kg-dry	1	11/30/2006
TCL VOLATILE ORGANICS			Method: SW8260				Analyst: HLBW
1,1,1-Trichloroethane	U		0.70	5.0	µg/Kg-dry	0.812	11/30/2006
1,1,2,2-Tetrachloroethane	U		0.50	5.0	µg/Kg-dry	0.812	11/30/2006
1,1,2-Trichloroethane	U		0.50	5.0	µg/Kg-dry	0.812	11/30/2006
1,1-Dichloroethane	U		0.80	5.0	µg/Kg-dry	0.812	11/30/2006
1,1-Dichloroethene	U		1.0	5.0	µg/Kg-dry	0.812	11/30/2006
1,2-Dichloroethane	U		0.60	5.0	µg/Kg-dry	0.812	11/30/2006
1,2-Dichloropropane	U		0.60	5.0	µg/Kg-dry	0.812	11/30/2006
2-Butanone	U		0.70	10	µg/Kg-dry	0.812	11/30/2006
Benzene	U		0.80	5.0	µg/Kg-dry	0.812	11/30/2006
Bromoform	U		0.50	10	µg/Kg-dry	0.812	11/30/2006
Bromomethane	U		1.0	10	µg/Kg-dry	0.812	11/30/2006
Carbon tetrachloride	U		1.0	5.0	µg/Kg-dry	0.812	11/30/2006
Chlorobenzene	U		0.70	5.0	µg/Kg-dry	0.812	11/30/2006
Chloroethane	U		1.6	10	µg/Kg-dry	0.812	11/30/2006
Chloroform	U		0.90	5.0	µg/Kg-dry	0.812	11/30/2006
Chloromethane	U		1.1	10	µg/Kg-dry	0.812	11/30/2006
cis-1,3-Dichloropropene	U		0.60	5.0	µg/Kg-dry	0.812	11/30/2006
Dichloromethane	U		3.0	10	µg/Kg-dry	0.812	11/30/2006
Ethylbenzene	U		0.80	5.0	µg/Kg-dry	0.812	11/30/2006
Tetrachloroethene	U		0.60	5.0	µg/Kg-dry	0.812	11/30/2006
Toluene	U		0.80	5.0	µg/Kg-dry	0.812	11/30/2006
trans-1,2-Dichloroethene	U		1.0	5.0	µg/Kg-dry	0.812	11/30/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB86-18
Work Order:	0611426	**Collection Date:**	11/24/2006 1:00:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611426-04	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.60	5.0	µg/Kg-dry	0.812	11/30/2006
Trichloroethene	U		0.60	5.0	µg/Kg-dry	0.812	11/30/2006
Vinyl chloride	U		0.60	2.0	µg/Kg-dry	0.812	11/30/2006
Xylenes, Total	U		1.5	15	µg/Kg-dry	0.812	11/30/2006
Surr: 1,2-Dichloroethane-d4	*104*			*70-128*	*%REC*	0.812	11/30/2006
Surr: 4-Bromofluorobenzene	*95.7*			*73-126*	*%REC*	0.812	11/30/2006
Surr: Dibromofluoromethane	*103*			*71-128*	*%REC*	0.812	11/30/2006
Surr: Toluene-d8	*102*			*73-127*	*%REC*	0.812	11/30/2006
PERCENT MOISTURE		**Method:**	**E160.3**				**Analyst: PV**
Percent Moisture	**19.1**		**0.010**	**0.0100**	**wt%**	**1**	**11/27/2006**

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB86-18 DS 22
Work Order:	0611426	**Collection Date:**	11/24/2006 1:00:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611426-05	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS		**Method: SW8260**					**Analyst: HLBW**
1,1,1-Trichloroethane	U		0.71	5.1	µg/Kg-dry	0.856	11/30/2006
1,1,2,2-Tetrachloroethane	U		0.51	5.1	µg/Kg-dry	0.856	11/30/2006
1,1,2-Trichloroethane	U		0.51	5.1	µg/Kg-dry	0.856	11/30/2006
1,1-Dichloroethane	U		0.81	5.1	µg/Kg-dry	0.856	11/30/2006
1,1-Dichloroethene	U		1.0	5.1	µg/Kg-dry	0.856	11/30/2006
1,2-Dichloroethane	U		0.61	5.1	µg/Kg-dry	0.856	11/30/2006
1,2-Dichloropropane	U		0.61	5.1	µg/Kg-dry	0.856	11/30/2006
2-Butanone	U		0.71	10	µg/Kg-dry	0.856	11/30/2006
Benzene	U		0.61	5.1	µg/Kg-dry	0.856	11/30/2006
Bromoform	U		0.51	10	µg/Kg-dry	0.856	11/30/2006
Bromomethane	U		1.0	10	µg/Kg-dry	0.856	11/30/2006
Carbon tetrachloride	U		1.0	5.1	µg/Kg-dry	0.856	11/30/2006
Chlorobenzene	U		0.71	5.1	µg/Kg-dry	0.856	11/30/2006
Chloroethane	U		1.8	10	µg/Kg-dry	0.856	11/30/2006
Chloroform	U		0.91	5.1	µg/Kg-dry	0.856	11/30/2006
Chloromethane	U		1.1	10	µg/Kg-dry	0.856	11/30/2006
cis-1,3-Dichloropropene	U		0.61	5.1	µg/Kg-dry	0.856	11/30/2006
Dichloromethane	U		3.0	10	µg/Kg-dry	0.856	11/30/2006
Ethylbenzene	U		0.81	5.1	µg/Kg-dry	0.856	11/30/2006
Tetrachloroethene	U		0.81	5.1	µg/Kg-dry	0.856	11/30/2006
Toluene	U		0.61	5.1	µg/Kg-dry	0.856	11/30/2006
trans-1,2-Dichloroethene	U		1.0	5.1	µg/Kg-dry	0.856	11/30/2006
trans-1,3-Dichloropropene	U		0.61	5.1	µg/Kg-dry	0.856	11/30/2006
Trichloroethene	U		0.61	5.1	µg/Kg-dry	0.856	11/30/2006
Vinyl chloride	U		0.81	2.0	µg/Kg-dry	0.856	11/30/2006
Xylenes, Total	U		1.5	15	µg/Kg-dry	0.856	11/30/2006
Surr: 1,2-Dichloroethane-d4	*95.4*			*70-128*	*%REC*	0.856	11/30/2006
Surr: 4-Bromofluorobenzene	*88.2*			*73-126*	*%REC*	0.856	11/30/2006
Surr: Dibromofluoromethane	*97.6*			*71-128*	*%REC*	0.856	11/30/2006
Surr: Toluene-d8	*95.7*			*73-127*	*%REC*	0.856	11/30/2006
PERCENT MOISTURE		**Method: E160.3**					**Analyst: PV**
Percent Moisture	16.7		0.010	0.0100	wt%	1	11/27/2006

Qualifiers:

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* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	RS-4
Work Order:	0611426	**Collection Date:**	11/24/2006 1:30:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611426-08	**Matrix:**	WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method: SW7470		Prep: SW7470 / 11/29/06		Analyst: JCJ
Mercury	U		0.000042	0.000200	mg/L	1	11/30/2006
ICP METALS, TOTAL			Method: SW6020		Prep: SW3010A / 11/28/06		Analyst: ALR
Antimony	U		0.0010	0.00500	mg/L	1	11/29/2006
Arsenic	U		0.0018	0.00500	mg/L	1	11/29/2006
Barium	U		0.00060	0.00500	mg/L	1	11/29/2006
Beryllium	U		0.00030	0.00200	mg/L	1	11/29/2006
Cadmium	U		0.00015	0.00200	mg/L	1	11/29/2006
Chromium	U		0.00050	0.00500	mg/L	1	11/29/2006
Copper	U		0.00030	0.00500	mg/L	1	11/29/2006
Lead	U		0.00020	0.00500	mg/L	1	11/29/2006
Nickel	U		0.00030	0.00500	mg/L	1	11/29/2006
Selenium	U		0.0017	0.00500	mg/L	1	11/29/2006
Silver	U		0.00020	0.00500	mg/L	1	11/29/2006
Thallium	U		0.00040	0.00200	mg/L	1	11/29/2006
Zinc	0.00171	J	0.0015	0.00500	mg/L	1	11/29/2006
TCL VOLATILE ORGANICS			Method: SW8260				Analyst: PC
1,1,1-Trichloroethane	U		0.60	5.0	µg/L	1	11/28/2006
1,1,2,2-Tetrachloroethane	U		1.5	5.0	µg/L	1	11/28/2006
1,1,2-Trichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,1-Dichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,1-Dichloroethene	U		0.60	5.0	µg/L	1	11/28/2006
1,2-Dichloroethane	U		0.50	5.0	µg/L	1	11/28/2006
1,2-Dichloropropane	U		0.70	5.0	µg/L	1	11/28/2006
2-Butanone	U		0.80	10	µg/L	1	11/28/2006
Benzene	U		0.60	5.0	µg/L	1	11/28/2006
Bromoform	U		0.80	5.0	µg/L	1	11/28/2006
Bromomethane	U		0.50	5.0	µg/L	1	11/28/2006
Carbon tetrachloride	U		0.60	5.0	µg/L	1	11/28/2006
Chlorobenzene	U		0.50	5.0	µg/L	1	11/28/2006
Chloroethane	U		0.60	5.0	µg/L	1	11/28/2006
Chloroform	U		0.50	5.0	µg/L	1	11/28/2006
Chloromethane	U		0.60	5.0	µg/L	1	11/28/2006
cis-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/28/2006
Dichloromethane	U		0.60	10	µg/L	1	11/28/2006
Ethylbenzene	U		0.50	5.0	µg/L	1	11/28/2006
Tetrachloroethene	U		0.50	5.0	µg/L	1	11/28/2006
Toluene	U		0.50	5.0	µg/L	1	11/28/2006
trans-1,2-Dichloroethene	U		0.60	5.0	µg/L	1	11/28/2006

Qualifiers:

U - Analyzed for but Not Detected

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results RPD > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 05, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	RS-4
Work Order:	0611426	**Collection Date:**	11/24/2006 1:30:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0611426-08	**Matrix:**	WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.50	5.0	µg/L	1	11/28/2006
Trichloroethene	U		0.70	5.0	µg/L	1	11/28/2006
Vinyl chloride	U		0.60	2.0	µg/L	1	11/28/2006
Xylenes, Total	U		1.5	15	µg/L	1	11/28/2006
Surr: 1,2-Dichloroethane-d4	*107*			*70-125*	*%REC*	1	11/28/2006
Surr: 4-Bromofluorobenzene	*115*			*72.4-125*	*%REC*	1	11/28/2006
Surr: Dibromofluoromethane	*117*			*71.2-125*	*%REC*	1	11/28/2006
Surr: Toluene-d8	*111*			*75-125*	*%REC*	1	11/28/2006

Qualifiers:	U - Analyzed for but Not Detected	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	P - Dual Column results RPD > 40%
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	H - Analyzed outside of Hold Time

QC Batch Summary Report

Golder Associates, Inc.
CRI Superfund – Wiley, TX
Work Order 0611426

Lab Order: 0611426
Client: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0611426-01A	SB86-06	11/24/2006 12:45:00 PM	Soil	ICP Metals		11/29/2006	20968	12/1/2006
				ICP Metals		11/29/2006	20968	12/1/2006
				ICP Metals		11/29/2006	20968	11/30/2006
				Mercury, Total		11/28/2006	20946	11/28/2006
				Percent Moisture			R44253	11/27/2006
0611426-02A	SB86-06 DS 21			ICP Metals		11/29/2006	20968	11/30/2006
				ICP Metals		11/29/2006	20968	12/1/2006
				ICP Metals		11/29/2006	20968	12/1/2006
				Mercury, Total		11/28/2006	20946	11/28/2006
				Percent Moisture			R44253	11/27/2006
0611426-03A	SB86-12	11/24/2006 12:50:00 PM		ICP Metals		11/29/2006	20968	11/30/2006
				ICP Metals		11/29/2006	20968	12/1/2006
				Mercury, Total		11/28/2006	20946	11/28/2006
				Percent Moisture			R44253	11/27/2006
0611426-04A	SB86-18	11/24/2006 1:00:00 PM		TCL Volatile Organics			R44421	11/30/2006
0611426-04B				ICP Metals		11/29/2006	20968	12/1/2006
				ICP Metals		11/29/2006	20968	11/30/2006
				Mercury, Total		11/28/2006	20946	11/28/2006
				Percent Moisture			R44253	11/27/2006
0611426-05A	SB86-18 DS 22			Percent Moisture			R44253	11/27/2006
				TCL Volatile Organics			R44421	11/30/2006
0611426-08A	RS-4	11/24/2006 1:30:00 PM	Water	TCL Volatile Organics			R44354	11/28/2006
0611426-08B				ICP Metals, Total		11/28/2006	20949	11/29/2006
				Mercury, Total		11/29/2006	20959	11/30/2006

e-Lab Analytical, Inc.

CLIENT: Golder Associates, Inc.
Work Order: 0611426
Project: CRI-Superfund Wiley, Texas

Date: *Dec 05 2006*

QC BATCH REPORT

Batch ID: 20946 Instrument ID Mercury Method: SW7471A

MBLK Sample ID: GBLKS2-112806 Units: µg/Kg Analysis Date: 11/28/06 20:06
Client ID: Run ID: MERCURY_061128E SeqNo: 1004466 Prep Date: 11/28/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	13								

LCS Sample ID GLCSS2-112806 Units: µg/Kg Analysis Date: 11/28/06 20:08
Client ID: Run ID: MERCURY_061128E SeqNo: 1004467 Prep Date: 11/28/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	346.7	13	333.3	0	104	85-115	0			

LCSD Sample ID: GLCSDS2-112806 Units: µg/Kg Analysis Date: 11/28/06 20:10
Client ID: Run ID: MERCURY_061128E SeqNo: 1004468 Prep Date: 11/28/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	360	13	333.3	0	108	85-115	346.7	3.77	20	

MS Sample ID 0611318-12CMS Units: µg/Kg Analysis Date: 11/28/06 20:20
Client ID Run ID: MERCURY_061128E SeqNo: 1004471 Prep Date: 11/28/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	293.2	13	325.7	6.809	87.9	85-115	0			

MS Sample ID: 0611426-03AMS Units. µg/Kg Analysis Date: 11/28/06 20:38
Client ID SB86-12 Run ID: MERCURY_061128E SeqNo: 1004480 Prep Date: 11/28/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	302.6	13	324.7	6.019	91.3	85-115	0			

MSD Sample ID 0611318-12CMSD Units: µg/Kg Analysis Date: 11/28/06 20:22
Client ID: Run ID: MERCURY_061128E SeqNo: 1004472 Prep Date: 11/28/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	303.6	13	327.9	6.809	90.5	85-115	293.2	3.5	20	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611426
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: 20946 Instrument ID Mercury Method: SW7471A

MSD Sample ID: 0611426-03AMSD Units: µg/Kg Analysis Date: 11/28/06 20:40
Client ID. SB86-12 Run ID: MERCURY_061128E SeqNo: 1004481 Prep Date: 11/28/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	290 4	13	324.1	6.019	87.7	85-115	302.6	4.1	20	

DUP Sample ID: 0611318-12CDUP Units: µg/Kg Analysis Date: 11/28/06 20:14
Client ID: Run ID: MERCURY_061128E SeqNo: 1004470 Prep Date: 11/28/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	7.427	13	0	0	0		6.809	0	20	J

DUP Sample ID: 0611426-03ADUP Units: µg/Kg Analysis Date: 11/28/06 20:36
Client ID. SB86-12 Run ID. MERCURY_061128E SeqNo: 1004479 Prep Date: 11/28/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	8.078	13	0	0	0		6.019	0	20	J

The following samples were analyzed in this batch: 0611426-01A 0611426-02A 0611426-03A 0611426-04B

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611426
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: 20949 Instrument ID ICPMS02 Method: SW6020

MBLK Sample ID: MBLKW2-112806 Units: mg/L Analysis Date: 11/29/06 20:19
Client ID: Run ID: ICPMS02_061129A SeqNo: 1005171 Prep Date: 11/28/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.0050								
Arsenic	U	0.0050								
Barium	U	0.0050								
Beryllium	U	0.0020								
Cadmium	U	0.0020								
Chromium	U	0.0050								
Copper	U	0.0050								
Lead	U	0.0050								
Nickel	U	0.0050								
Selenium	U	0.0050								
Silver	U	0.0050								
Thallium	U	0.0020								
Zinc	0.002481	0.0050								J

LCS Sample ID MLCSW2-112806 Units: mg/L Analysis Date: 11/29/06 20:25
Client ID: Run ID: ICPMS02_061129A SeqNo: 1005172 Prep Date: 11/28/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.05068	0.0050	0.05	0	101	79.5-121	0			
Arsenic	0.04901	0.0050	0.05	0	98	80-121	0			
Barium	0.04973	0.0050	0.05	0	99.5	79.8-119	0			
Beryllium	0.04774	0.0020	0.05	0	95.5	78.9-120	0			
Cadmium	0.05236	0.0020	0.05	0	105	79.1-119	0			
Chromium	0.04809	0.0050	0.05	0	96.2	79.3-121	0			
Copper	0.04903	0.0050	0.05	0	98.1	81-120	0			
Lead	0.05084	0.0050	0.05	0	101	80-118	0			
Nickel	0.05083	0.0050	0.05	0	102	82-120	0			
Selenium	0.05121	0.0050	0.05	0	102	79.2-118	0			
Silver	0.05323	0.0050	0.05	0	106	80-117	0			
Thallium	0.04535	0.0020	0.05	0	90.7	78-120	0			
Zinc	0.05283	0.0050	0.05	0	106	79-118	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611426
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID. 20949 Instrument ID ICPMS02 Method: SW6020

MS Sample ID: 0611217-16AMS Units: mg/L Analysis Date: 11/29/06 21:01
Client ID: Run ID: ICPMS02_061129A SeqNo: 1005178 Prep Date: 11/28/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.0495	0.0050	0.05	-0.000812	101	79.5-121	0			
Arsenic	0.04885	0.0050	0.05	-0.0004068	98.5	80-121	0			
Barium	0.04921	0.0050	0.05	-0.0007331	99.9	79.8-119	0			
Beryllium	0.04723	0.0020	0.05	-0.0006779	95.8	78.9-120	0			
Cadmium	0.05142	0.0020	0.05	-0.0007736	104	79.1-119	0			
Chromium	0.04729	0.0050	0.05	0.00003074	94.5	79.3-121	0			
Copper	0.04803	0.0050	0.05	-0.0006665	97.4	80-120	0			
Lead	0.04941	0.0050	0.05	-0.0006267	100	80-118	0			
Nickel	0.05021	0.0050	0.05	-0.0007019	102	82-120	0			
Selenium	0.05092	0.0050	0.05	0.0006698	101	79.2-118	0			
Silver	0.05239	0.0050	0.05	-0.0006269	106	80-117	0			
Thallium	0.04458	0.0020	0.05	-0.0004237	90	78-120	0			
Zinc	0.05253	0.0050	0.05	0.0009996	103	79-118	0			

MSD Sample ID: 0611217-16AMSD Units: mg/L Analysis Date: 11/29/06 21:07
Client ID: Run ID: ICPMS02_061129A SeqNo: 1005179 Prep Date: 11/28/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.0492	0.0050	0.05	-0.000812	100	79.5-121	0.0495	0.608	15	
Arsenic	0.04754	0.0050	0.05	-0.0004068	95.9	80-121	0.04885	2.72	15	
Barium	0.05036	0.0050	0.05	-0.0007331	102	79.8-119	0.04921	2.31	15	
Beryllium	0.0471	0.0020	0.05	-0.0006779	95.6	78.9-120	0.04723	0.276	15	
Cadmium	0.05066	0.0020	0.05	-0.0007736	103	79.1-119	0.05142	1.49	15	
Chromium	0.04756	0.0050	0.05	0.00003074	95.1	79.3-121	0.04729	0.589	15	
Copper	0.0471	0.0050	0.05	-0.0006665	95.6	81-120	0.04803	1.96	15	
Lead	0.04921	0.0050	0.05	-0.0006267	99.7	80-118	0.04941	0.406	15	
Nickel	0.04945	0.0050	0.05	-0.0007019	100	82-120	0.05021	1.53	15	
Selenium	0.05031	0.0050	0.05	0.0006698	99.3	79.2-118	0.05092	1.21	15	
Silver	0.05128	0.0050	0.05	-0.0006269	104	80-117	0.05239	2.14	15	
Thallium	0.04475	0.0020	0.05	-0.0004237	90.3	78-120	0.04458	0.381	15	
Zinc	0.05294	0.0050	0.05	0.0009996	104	79-118	0.05253	0.777	15	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611426
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: 20949 Instrument ID ICPMS02 Method: SW6020

DUP Sample ID: 0611217-16ADUP Units: mg/L Analysis Date: 11/29/06 20:49
Client ID: Run ID: ICPMS02_061129A SeqNo: 1005176 Prep Date: 11/28/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.0050	0	0	0	0-0	-0.000812	0	25	
Arsenic	U	0.0050	0	0	0	0-0	-0.0004068	0	25	
Barium	U	0.0050	0	0	0	0-0	-0.0007331	0	25	
Beryllium	U	0.0020	0	0	0	0-0	-0.0006779	0	25	
Cadmium	U	0.0020	0	0	0	0-0	-0.0007736	0	25	
Chromium	U	0.0050	0	0	0	0-0	0.00003074	0	25	
Copper	U	0.0050	0	0	0	0-0	-0.0006665	0	25	
Lead	U	0.0050	0	0	0	0-0	-0.0006267	0	25	
Nickel	U	0.0050	0	0	0	0-0	-0.0007019	0	25	
Selenium	U	0.0050	0	0	0	0-0	0.0006698	0	25	
Silver	U	0.0050	0	0	0	0-0	-0.0008269	0	25	
Thallium	U	0.0020	0	0	0	0-0	-0.0004237	0	25	
Zinc	U	0.0050	0	0	0	0-0	0.0009996	0	25	

PDS Sample ID: 0611217-16ABS Units: mg/L Analysis Date: 11/29/06 21:13
Client ID: Run ID: ICPMS02_061129A SeqNo: 1005180 Prep Date: DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.09243	0.0050	0.1	-0.000812	93.2	75-125	0			
Arsenic	0.09515	0.0050	0.1	-0.0004068	95.6	75-125	0			
Barium	0.09626	0.0050	0.1	-0.0007331	97	75-125	0			
Beryllium	0.09308	0.0020	0.1	-0.0006779	93.8	75-125	0			
Cadmium	0.1001	0.0020	0.1	-0.0007736	101	75-125	0			
Chromium	0.09197	0.0050	0.1	0.00003074	91.9	75-125	0			
Copper	0.09277	0.0050	0.1	-0.0006665	93.4	75-125	0			
Lead	0.09814	0.0050	0.1	-0.0006267	98.8	75-125	0			
Nickel	0.09476	0.0050	0.1	-0.0007019	95.5	75-125	0			
Selenium	0.09382	0.0050	0.1	0.0006698	93.2	75-125	0			
Silver	0.09525	0.0050	0.1	-0.0008269	96.1	75-125	0			
Thallium	0.09078	0.0020	0.1	-0.0004237	91.2	75-125	0			
Zinc	0.09927	0.0050	0.1	0.0009996	98.3	75-125	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611426
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: 20949 Instrument ID ICPMS02 Method: SW6020

SD Sample ID: 0611217-16A DIL Units: mg/L Analysis Date: 11/29/06 20:55

Client ID: Run ID: ICPMS02_061129A SeqNo: 1005177 Prep Date: DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.0050	0	0	0	0-0	-0.000812	0	10	
Arsenic	U	0.0050	0	0	0	0-0	-0.0004068	0	10	
Barium	U	0.0050	0	0	0	0-0	-0.0007331	0	10	
Beryllium	U	0.0020	0	0	0	0-0	-0.0006779	0	10	
Cadmium	U	0.0020	0	0	0	0-0	-0.0007736	0	10	
Chromium	U	0.0050	0	0	0	0-0	0.00003074	0	10	
Copper	U	0.0050	0	0	0	0-0	-0.0006865	0	10	
Lead	U	0.0050	0	0	0	0-0	-0.0006267	0	10	
Nickel	U	0.0050	0	0	0	0-0	-0.0007019	0	10	
Selenium	U	0.0050	0	0	0	0-0	0.0006698	0	10	
Silver	U	0.0050	0	0	0	0-0	-0.0008259	0	10	
Thallium	U	0.0020	0	0	0	0-0	-0.0004237	0	10	
Zinc	U	0.0050	0	0	0	0-0	0.0009996	0	10	

The following samples were analyzed in this batch: 0611426-08B

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611426
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: 20959 Instrument ID Mercury Method: SW7470

MBLK Sample ID: GBLKW1-112906 Units: mg/L Analysis Date: 11/30/06 13:51
Client ID: Run ID: MERCURY_061130B SeqNo: 1006886 Prep Date: 11/29/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0.00020								

LCS Sample ID: GLCSW1-112906 Units: mg/L Analysis Date: 11/30/06 13:53
Client ID: Run ID: MERCURY_061130B SeqNo: 1006887 Prep Date: 11/29/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00465	0.00020	0.005	0	93	85-115	0			

LCSD Sample ID: GLCSDW1-112906 Units: mg/L Analysis Date: 11/30/06 13:55
Client ID: Run ID: MERCURY_061130B SeqNo: 1006888 Prep Date: 11/29/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00523	0.00020	0.005	0	105	85-115	0.00465	11.7	20	

MS Sample ID: 0611362-01BMS Units: mg/L Analysis Date: 11/30/06 14:01
Client ID: Run ID: MERCURY_061130B SeqNo: 1006891 Prep Date: 11/29/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00544	0.00020	0.005	-0.000008	109	85-115	0			

MSD Sample ID: 0611362-01BMSD Units: mg/L Analysis Date: 11/30/06 14:03
Client ID: Run ID: MERCURY_061130B SeqNo: 1006892 Prep Date: 11/29/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00542	0.00020	0.005	-0.000008	109	85-115	0.00544	0.368	20	

DUP Sample ID: 0611362-01BDUP Units: mg/L Analysis Date: 11/30/06 13:59
Client ID: Run ID: MERCURY_061130B SeqNo: 1006890 Prep Date: 11/29/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0.00020	0	0	0	0-0	-0.000008	0	20	

The following samples were analyzed in this batch: 0611426-08B

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611426
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: 20968 Instrument ID ICPMS02 Method: SW6020

MBLK Sample ID: MBLKS2-112906 Units: mg/Kg Analysis Date: 11/30/06 22:20
Client ID: Run ID: ICPMS02_061130A SeqNo: 1006054 Prep Date: 11/29/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.50								
Arsenic	U	0.50								
Beryllium	U	0.50								
Cadmium	U	0.50								
Chromium	0.1151	0.50								J
Copper	U	0.50								
Lead	U	0.50								
Nickel	U	0.50								
Selenium	U	0.50								
Thallium	U	0.50								
Zinc	0.1779	0.50								J

MBLK Sample ID: MBLKS2-112906 Units: mg/Kg Analysis Date: 12/01/06 19:23
Client ID: Run ID: ICPMS02_061201A SeqNo: 1006843 Prep Date: 11/29/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	U	0.50								
Silver	U	0.50								

LCS Sample ID: MLCSS2-112906 Units: mg/Kg Analysis Date: 11/30/06 22:26
Client ID: Run ID: ICPMS02_061130A SeqNo: 1006055 Prep Date: 11/29/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	9.644	0.50	10	0	96.4	80-120	0			
Arsenic	9.266	0.50	10	0	92.7	80-120	0			
Beryllium	9.333	0.50	10	0	93.3	80-120	0			
Cadmium	9.811	0.50	10	0	98.1	80-120	0			
Chromium	9.781	0.50	10	0	97.8	80-120	0			
Copper	9.648	0.50	10	0	96.5	80-120	0			
Lead	10.06	0.50	10	0	101	80-120	0			
Nickel	10.12	0.50	10	0	101	80-120	0			
Selenium	8.912	0.50	10	0	89.1	80-120	0			
Thallium	9.254	0.50	10	0	92.5	80-120	0			
Zinc	10.01	0.50	10	0	100	80-120	0			

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R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611426
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: 20968 Instrument ID ICPMS02 Method: SW6020

LCS Sample ID MLCSS2-112906 Units: mg/Kg Analysis Date: 12/01/06 19:29
Client ID Run ID: ICPMS02_061201A SeqNo: 1006844 Prep Date: 11/29/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	9.593	0.50	10	0	95.9	80-120	0			
Silver	9.053	0.50	10	0	90.5	80-120	0			

MS Sample ID: 0611426-03AMS Units: mg/Kg Analysis Date: 11/30/06 22:50
Client ID: SB86-12 Run ID: ICPMS02_061130A SeqNo: 1006059 Prep Date: 11/29/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	1.62	0.45	8.929	0.008674	18	75-125	0			S
Arsenic	9.58	0.45	8.929	2.775	76.2	75-125	0			
Beryllium	8.226	0.45	8.929	0.6049	85.4	75-125	0			
Cadmium	8.112	0.45	8.929	0.1025	89.7	75-125	0			
Chromium	26.3	0.45	8.929	10.08	182	75-125	0			S
Copper	23.35	0.45	8.929	18.62	52.8	75-125	0			S
Lead	64.08	0.45	8.929	22.68	464	75-125	0			S
Nickel	16.32	0.45	8.929	8.819	84	75-125	0			
Selenium	7.226	0.45	8.929	0.4976	75.4	75-125	0			
Thallium	7.548	0.45	8.929	0.1391	83	75-125	0			
Zinc	54.71	0.45	8.929	33	243	75-125	0			S

MS Sample ID: 0611426-03AMS Units: mg/Kg Analysis Date: 12/01/06 19:52
Client ID: SB86-12 Run ID: ICPMS02_061201A SeqNo: 1006848 Prep Date: 11/29/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	169.6	0.45	8.929	161.4	203	75-125	0			SO
Silver	7.26	0.45	8.929	-0.07315	82.1	75-125	0			

ND - Not Detected at the Reporting Limit
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611426
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID 20968 Instrument ID ICPMS02 Method: SW6020

MSD Sample ID: 0611426-03AMSD Units: mg/Kg Analysis Date: 11/30/06 22:56
Client ID SB86-12 Run ID: ICPMS02_061130A SeqNo: 1006060 Prep Date: 11/29/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	1.778	0.45	8.929	0.008674	19.8	75-125	1.62	9.2	25	S
Arsenic	9.955	0.45	8.929	2.775	80.4	75-125	9.58	3.84	25	
Beryllium	8.082	0.45	8.929	0.6049	83.5	75-125	8.226	2.02	25	
Cadmium	7.85	0.45	8.929	0.1025	86.8	75-125	8.112	3.28	25	
Chromium	19.71	0.45	8.929	10.06	108	75-125	28.3	28.7	25	R
Copper	22.89	0.45	8.929	18.62	47.8	75-125	23.35	1.97	25	S
Lead	36.31	0.45	8.929	22.68	153	75-125	64.08	55.3	25	SR
Nickel	16.66	0.45	8.929	8.619	87.8	75-125	16.32	2.05	25	
Selenium	7.081	0.45	8.929	0.4976	73.7	75-125	7.226	2.02	25	S
Thallium	7.401	0.45	8.929	0.1391	81.3	75-125	7.548	1.97	25	
Zinc	45.04	0.45	8.929	33	135	75-125	54.71	19.4	25	S

MSD Sample ID: 0611426-03AMSD Units: mg/Kg Analysis Date: 12/01/06 19:58
Client ID SB86-12 Run ID: ICPMS02_061201A SeqNo: 1006849 Prep Date: 11/29/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	166.4	0.45	8.929	151.4	168	75-125	169.6	1.86	25	SO
Silver	7.085	0.45	8.929	-0.07315	80.2	75-125	7.26	2.44	25	

DUP Sample ID: 0611426-03ADUP Units: mg/Kg Analysis Date: 11/30/06 22:38
Client ID SB86-12 Run ID: ICPMS02_061130A SeqNo: 1006057 Prep Date: 11/29/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0.45	0	0	0	0-0	0.008674	0	25	
Arsenic	2.758	0.45	0	0	0	0-0	2.775	0.613	25	
Beryllium	0.6095	0.45	0	0	0	0-0	0.6049	0.75	25	
Cadmium	0.1021	0.45	0	0	0	0-0	0.1025	0	25	J
Chromium	11.16	0.45	0	0	0	0-0	10.06	10.3	25	
Copper	18.63	0.45	0	0	0	0-0	18.62	0.0479	25	
Lead	31.91	0.45	0	0	0	0-0	22.68	33.8	25	R
Nickel	9.089	0.45	0	0	0	0-0	8.619	3.02	25	
Selenium	0.6618	0.45	0	0	0	0-0	0.4976	28.3	25	R
Thallium	0.09786	0.45	0	0	0	0-0	0.1391	0	25	J
Zinc	37.6	0.45	0	0	0	0-0	33	13	25	

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J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611426
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: 20988 Instrument ID ICPMS02 Method: SW6020

DUP Sample ID: 0611426-03ADUP Units: mg/Kg Analysis Date: 12/01/06 19:41
Client ID: SB86-12 Run ID: ICPMS02_061201A SeqNo: 1006846 Prep Date: 11/29/2006 DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	152.2	0.45	0	0	0	0-0	151.4	0.529	25	
Silver	U	0.45	0	0	0	0-0	-0.07315	0	25	

PDS Sample ID: 0611426-03ABS Units: mg/Kg Analysis Date: 11/30/06 23:01
Client ID: SB86-12 Run ID: ICPMS02_061130A SeqNo: 1006061 Prep Date: DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	7.806	0.45	8.696	0.008674	118	75-125	0			
Arsenic	10.28	0.45	8.696	2.775	112	75-125	0			
Beryllium	6.564	0.45	6.696	0.8049	89	75-125	0			
Cadmium	6.203	0.45	6.696	0.1025	91.1	75-125	0			
Chromium	16.33	0.45	6.696	10.06	93.6	75-125	0			
Copper	25.54	0.45	8.696	18.62	103	75-125	0			
Lead	29.13	0.45	6.696	22.68	96.4	75-125	0			
Nickel	14.83	0.45	6.696	8.819	89.8	75-125	0			
Selenium	6.162	0.45	6.696	0.4978	84.6	75-125	0			
Thallium	5.885	0.45	6.696	0.1391	85.8	75-125	0			
Zinc	38.51	0.45	6.696	33	82.3	75-125	0			O

PDS Sample ID: 0611426-03ABS Units: mg/Kg Analysis Date: 12/01/06 20:04
Client ID: SB86-12 Run ID: ICPMS02_061201A SeqNo: 1006850 Prep Date: DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	153.1	0.45	8.929	151.4	19	75-125	0			SO
Silver	7.55	0.45	8.929	-0.07315	85.4	75-125	0			

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R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611426
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: 20968 Instrument ID ICPMS02 Method: SW6020

SD Sample ID: 0611426-03A DIL Units: mg/Kg Analysis Date: 11/30/06 22:44
Client ID: SB86-12 Run ID: ICPMS02_061130A SeqNo: 1006068 Prep Date: DF: 5

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	2.2	0	0	0	0-0	0.008674	0	10	
Arsenic	2.923	2.2	0	0	0	0-0	2.775	5.34	10	
Beryllium	0.4652	2.2	0	0	0	0-0	0.8049	0	10	J
Cadmium	U	2.2	0	0	0	0-0	0.1025	0	10	
Chromium	10.76	2.2	0	0	0	0-0	10.06	6.92	10	
Copper	20.21	2.2	0	0	0	0-0	18.62	8.53	10	
Lead	23.93	2.2	0	0	0	0-0	22.68	5.51	10	
Nickel	9.272	2.2	0	0	0	0-0	8.819	5.14	10	
Selenium	U	2.2	0	0	0	0-0	0.4976	0	10	
Thallium	U	2.2	0	0	0	0-0	0.1391	0	10	
Zinc	36.42	2.2	0	0	0	0-0	33	10.4	10	R

SD Sample ID 0611426-03A DIL Units: mg/Kg Analysis Date: 12/01/06 19:47
Client ID: SB86-12 Run ID: ICPMS02_061201A SeqNo: 1006847 Prep Date: DF: 5

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	140.8	2.2	0	0	0	0-0	151.4	7.05	10	
Silver	U	2.2	0	0	0	0-0	-0.07315	0	10	

The following samples were analyzed in this batch: 0611426-01A 0611426-02A 0611426-03A 0611426-04B

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611426
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: R44354 Instrument ID VOA1 Method: SW8260

MBLK Sample ID: VBLKW-061128 Units: µg/L Analysis Date: 11/28/06 15:29

Client ID: Run ID: VOA1_061128A SeqNo: 1004891 Prep Date: DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
2-Butanone	U	10								
Benzene	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	5.0								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	5.0								
Chloroform	U	5.0								
Chloromethane	U	5.0								
cis-1,3-Dichloropropene	U	5.0								
Dichloromethane	U	10								
Ethylbenzene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								
Vinyl chloride	U	2.0								
Xylenes, Total	U	15								
Surr: 1,2-Dichloroethane-d4	*55.03*	5.0	*50*	0	*110*	*70-125*		0		
Surr: 4-Bromofluorobenzene	*54.8*	5.0	*50*	0	*110*	*72 4-125*		0		
Surr: Dibromofluoromethane	*51.92*	5.0	*50*	0	*104*	*71.2-125*		0		
Surr: Toluene-d8	*56.91*	5.0	*50*	0	*114*	*75-125*		0		

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P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
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CLIENT: Golder Associates, Inc.
Work Order: 0611426
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: R44354 Instrument ID VOA1 Method: SW8260

LCS Sample ID: VLCSW-061128 Units: µg/L Analysis Date: 11/28/06 14:34
Client ID: Run ID: VOA1_061128A SeqNo: 1004890 Prep Date: DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	51.37	5.0	50	0	103	79.6-120	0			
1,1,2,2-Tetrachloroethane	48.08	5.0	50	0	96.2	76.9-121	0			
1,1,2-Trichloroethane	53.17	5.0	50	0	106	80-120	0			
1,1-Dichloroethane	49.47	5.0	50	0	98.9	74.2-122	0			
1,1-Dichloroethene	51.02	5.0	50	0	102	75.8-122	0			
1,2-Dichloroethane	47.46	5.0	50	0	94.9	78.8-120	0			
1,2-Dichloropropane	48.1	5.0	50	0	96.2	80-120	0			
2-Butanone	103	10	100	0	103	69.2-131	0			
Benzene	48.48	5.0	50	0	97	80-120	0			
Bromoform	53.08	5.0	50	0	106	78.1-120	0			
Bromomethane	53.14	5.0	50	0	106	52.8-147	0			
Carbon tetrachloride	48.5	5.0	50	0	97	76.8-120	0			
Chlorobenzene	49.35	5.0	50	0	98.7	80-120	0			
Chloroethane	50.55	5.0	50	0	101	74.2-120	0			
Chloroform	49.26	5.0	50	0	98.5	80-120	0			
Chloromethane	46.63	5.0	50	0	93.3	63.5-133	0			
cis-1,3-Dichloropropene	48.22	5.0	50	0	96.4	80-120	0			
Dichloromethane	47.12	10	50	0	94.2	74.7-120	0			
Ethylbenzene	49.08	5.0	50	0	98.2	80-120	0			
Tetrachloroethene	49.06	5.0	50	0	98.1	80-120	0			
Toluene	50.93	5.0	50	0	102	80-120	0			
trans-1,2-Dichloroethene	52.38	5.0	50	0	105	75.9-122	0			
trans-1,3-Dichloropropene	45.61	5.0	50	0	91.2	80-120	0			
Trichloroethene	49.95	5.0	50	0	99.9	80-120	0			
Vinyl chloride	51.35	2.0	50	0	103	76.2-121	0			
Xylenes, Total	149.6	15	150	0	99.7	80-120	0			
Surr: 1,2-Dichloroethane-d4	*49.87*	5.0	*50*	0	*99.7*	*70-125*	0			
Surr: 4-Bromofluorobenzene	*52.63*	5.0	*50*	0	*105*	*72.4-125*	0			
Surr: Dibromofluoromethane	*56.63*	5.0	*50*	0	*113*	*71.2-125*	0			
Surr: Toluene-d8	*53*	5.0	*50*	0	*106*	*75-125*	0			

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CLIENT: Golder Associates, Inc.
Work Order: 0611426
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: R44354 Instrument ID VOA1 Method: SW8260

MS Sample ID: 0611361-08AMS Units: µg/L Analysis Date: 11/28/06 21:00

Client ID: Run ID: VOA1_061128A SeqNo: 1004903 Prep Date: DF: 200

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	9891	1,000	10000	0	98.9	79.6-120	0			
1,1,2,2-Tetrachloroethane	9264	1,000	10000	0	92.6	76.9-121	0			
1,1,2-Trichloroethane	11050	1,000	10000	0	110	80-120	0			
1,1-Dichloroethane	9866	1,000	10000	0	98.7	74.2-122	0			
1,1-Dichloroethene	10050	1,000	10000	0	100	75.8-122	0			
1,2-Dichloroethane	9602	1,000	10000	0	96	78.8-120	0			
1,2-Dichloropropane	8891	1,000	10000	0	88.9	80-120	0			
2-Butanone	19620	2,000	20000	0	98.1	69.2-131	0			
Benzene	9312	1,000	10000	0	93.1	80-120	0			
Bromoform	10170	1,000	10000	0	102	78.1-120	0			
Bromomethane	10530	1,000	10000	0	105	52.8-147	0			
Carbon tetrachloride	9357	1,000	10000	0	93.6	76.8-120	0			
Chlorobenzene	9635	1,000	10000	0	96.4	80-120	0			
Chloroethane	9780	1,000	10000	0	97.8	74.2-120	0			
Chloroform	9888	1,000	10000	0	98.9	80-120	0			
Chloromethane	8147	1,000	10000	0	81.5	63.5-133	0			
cis-1,3-Dichloropropene	9647	1,000	10000	0	96.5	80-120	0			
Dichloromethane	10020	2,000	10000	0	100	74.7-120	0			
Ethylbenzene	9989	1,000	10000	0	99.9	80-120	0			
Tetrachloroethene	10180	1,000	10000	0	102	80-120	0			
Toluene	10500	1,000	10000	0	105	80-120	0			
trans-1,2-Dichloroethene	10430	1,000	10000	0	104	75.9-122	0			
trans-1,3-Dichloropropene	9518	1,000	10000	0	95.2	80-120	0			
Trichloroethene	9729	1,000	10000	0	97.3	80-120	0			
Vinyl chloride	9923	400	10000	0	99.2	76.2-121	0			
Xylenes, Total	29410	3,000	30000	0	98	80-120	0			
Surr: 1,2-Dichloroethane-d4	*10890*	1,000	*10000*	0	*109*	*70-125*	0			
Surr: 4-Bromofluorobenzene	*11710*	1,000	*10000*	0	*117*	*72.4-125*	0			
Surr: Dibromofluoromethane	*10900*	1,000	*10000*	0	*109*	*71.2-125*	0			
Surr: Toluene-d8	*12080*	1,000	*10000*	0	*121*	*75-125*	0			

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R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611426
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: R44354 Instrument ID VOA1 Method: SW8260

MSD Sample ID: 0611361-08AMSD Units: µg/L Analysis Date: 11/28/06 21:27
Client ID. Run ID: VOA1_061128A SeqNo: 1004904 Prep Date: DF: 200

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	9412	1,000	10000	0	94.1	79.6-120	9891	4.97	20	
1,1,2,2-Tetrachloroethane	9704	1,000	10000	0	97	78.9-121	9284	4.64	20	
1,1,2-Trichloroethane	9493	1,000	10000	0	94.9	80-120	11050	15.1	20	
1,1-Dichloroethane	9036	1,000	10000	0	90.4	74.2-122	9668	6.74	20	
1,1-Dichloroethene	8870	1,000	10000	0	88.7	75.8-122	10050	12.5	20	
1,2-Dichloroethane	9841	1,000	10000	0	98.4	78.8-120	9602	2.48	20	
1,2-Dichloropropane	10060	1,000	10000	0	101	80-120	8891	12.4	20	
2-Butanone	16690	2,000	20000	0	83.4	69.2-131	19820	16.1	20	
Benzene	10090	1,000	10000	0	101	80-120	9312	7.99	20	
Bromoform	9123	1,000	10000	0	91.2	78.1-120	10170	10.8	20	
Bromomethane	10670	1,000	10000	0	107	52.8-147	10530	1.41	20	
Carbon tetrachloride	9502	1,000	10000	0	95	76.8-120	9357	1.54	20	
Chlorobenzene	9869	1,000	10000	0	98.7	80-120	9635	2.4	20	
Chloroethane	9097	1,000	10000	0	91	74.2-120	9780	7.24	20	
Chloroform	9179	1,000	10000	0	91.8	80-120	9888	7.43	20	
Chloromethane	9094	1,000	10000	0	90.9	63.5-133	9147	0.579	20	
cis-1,3-Dichloropropene	9927	1,000	10000	0	99.3	80-120	9647	2.86	20	
Dichloromethane	9425	2,000	10000	0	94.3	74.7-120	10020	6.11	20	
Ethylbenzene	9004	1,000	10000	0	90	80-120	9989	10.4	20	
Tetrachloroethene	8933	1,000	10000	0	89.3	80-120	10180	13	20	
Toluene	9111	1,000	10000	0	91.1	80-120	10500	14.2	20	
trans-1,2-Dichloroethene	9027	1,000	10000	0	90.3	75.9-122	10430	14.4	20	
trans-1,3-Dichloropropene	9362	1,000	10000	0	93.6	80-120	9518	1.65	20	
Trichloroethene	10120	1,000	10000	0	101	80-120	9729	3.93	20	
Vinyl chloride	9091	400	10000	0	90.9	78.2-121	9923	8.74	20	
Xylenes, Total	28930	3,000	30000	0	96.4	80-120	29410	1.65	20	
Surr: 1,2-Dichloroethane-d4	*9890*	1,000	*10000*	0	*98.9*	*70-125*	10890	*9.63*	*20*	
Surr: 4-Bromofluorobenzene	*9798*	1,000	*10000*	0	*98*	*72.4-125*	11710	*17.8*	*20*	
Surr: Dibromofluoromethane	*10580*	1,000	*10000*	0	*107*	*71.2-125*	10900	*1.99*	*20*	
Surr: Toluene-d8	*10810*	1,000	*10000*	0	*108*	*75-125*	12080	*13*	*20*	

The following samples were analyzed in this batch: 0611426-08A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611426
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: R44421 Instrument ID VOA5 Method: SW8260

MBLK Sample ID: VBLKS-113006 Units: µg/Kg Analysis Date: 11/30/06 14:23
Client ID: Run ID: VOA5_061130A SeqNo: 1006961 Prep Date: DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
2-Butanone	U	10								
Benzene	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	10								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	10								
Chloroform	U	5.0								
Chloromethane	U	10								
cis-1,3-Dichloropropene	U	5.0								
Dichloromethane	U	10								
Ethylbenzene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								
Vinyl chloride	U	2.0								
Xylenes, Total	U	15								
Surr: 1,2-Dichloroethane-d4	*51.66*	0	*50*	0	*103*	*70-128*		0		
Surr: 4-Bromofluorobenzene	*50.46*	0	*50*	0	*101*	*73-126*		0		
Surr: Dibromofluoromethane	*52.52*	0	*50*	0	*105*	*71-128*		0		
Surr: Toluene-d8	*52.77*	0	*50*	0	*106*	*73-127*		0		

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O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611426
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: R44421 Instrument ID VOA5 Method: SW8260

LCS Sample ID: VLCSS-113006 Units: µg/Kg Analysis Date: 11/30/06 13:31
Client ID: Run ID: VOA5_061130A SeqNo: 1005960 Prep Date: DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	48.65	5.0	50	0	97.3	75.6-123	0			
1,1,2,2-Tetrachloroethane	49.9	5.0	50	0	99.8	75.1-120	0			
1,1,2-Trichloroethane	46.6	5.0	50	0	93.2	72.8-120	0			
1,1-Dichloroethane	48.82	5.0	50	0	97.6	75.3-121	0			
1,1-Dichloroethene	49.92	5.0	50	0	99.8	78-120	0			
1,2-Dichloroethane	52 19	5.0	50	0	104	70.8-128	0			
1,2-Dichloropropane	48.48	5.0	50	0	97	79.4-120	0			
2-Butanone	90.23	10	100	0	90.2	54.8-130	0			
Benzene	48.42	5.0	50	0	96.8	80-121	0			
Bromoform	48.46	5.0	50	0	96.9	76.9-120	0			
Bromomethane	46.53	10	50	0	93.1	58.9-132	0			
Carbon tetrachloride	49.77	5.0	50	0	99.5	71.8-130	0			
Chlorobenzene	48.03	5.0	50	0	96.1	80-120	0			
Chloroethane	47.8	10	50	0	95.6	62.5-135	0			
Chloroform	48.64	5.0	50	0	97.3	74.5-120	0			
Chloromethane	47.21	10	50	0	94.4	62.8-129	0			
cis-1,3-Dichloropropene	49.47	5.0	50	0	98.9	72.7-120	0			
Dichloromethane	47 45	10	50	0	94.9	61.4-120	0			
Ethylbenzene	47.57	5.0	50	0	95.1	79.9-122	0			
Tetrachloroethene	45.79	5.0	50	0	91.6	79.5-125	0			
Toluene	47.73	5.0	50	0	95.5	79 1-123	0			
trans-1,2-Dichloroethene	50.39	5.0	50	0	101	76.3-124	0			
trans-1,3-Dichloropropene	51.17	5.0	50	0	102	65-127	0			
Trichloroethene	49.95	5.0	50	0	99.9	77.1-121	0			
Vinyl chloride	49.52	2.0	50	0	99	66.1-129	0			
Xylenes, Total	144.4	15	150	0	96.2	79.4-125	0			
Surr: 1,2-Dichloroethane-d4	*45 4*	0	*50*	0	*90.8*	*70-128*	0			
Surr: 4-Bromofluorobenzene	*47.48*	0	*50*	0	*95*	*73-126*	0			
Surr: Dibromofluoromethane	*45 82*	0	*50*	0	*91 6*	*71-128*	0			
Surr: Toluene-d8	*46.79*	0	*50*	0	*93.6*	*73-127*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611426
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: R44421 Instrument ID VOA6 Method: SW8260

MS Sample ID: 0611426-04AMS Units: µg/Kg Analysis Date: 11/30/06 16:20

Client ID: SB86-18 Run ID: VOA6_061130A SeqNo: 1006243 Prep Date: DF: 0.84

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	39.93	4.2	42	0	95.1	75.6-123	0			
1,1,2,2-Tetrachloroethane	41.16	4.2	42	0	98	75.1-120	0			
1,1,2-Trichloroethane	39.53	4.2	42	0	94.1	72.8-120	0			
1,1-Dichloroethane	39.97	4.2	42	0	95.2	75.3-121	0			
1,1-Dichloroethene	43.02	4.2	42	0	102	78-120	0			
1,2-Dichloroethane	39.62	4.2	42	0	94.8	70.6-126	0			
1,2-Dichloropropane	40.86	4.2	42	0	97.3	79.4-120	0			
2-Butanone	83.6	8.4	84	0	99.5	54.8-130	0			
Benzene	40.03	4.2	42	0	95.3	80-121	0			
Bromoform	38.13	4.2	42	0	90.8	76.9-120	0			
Bromomethane	38.6	8.4	42	0	91.9	58.9-132	0			
Carbon tetrachloride	40	4.2	42	0	95.2	71.8-130	0			
Chlorobenzene	38.59	4.2	42	0	91.9	80-120	0			
Chloroethane	40.48	8.4	42	0	96.4	62.5-135	0			
Chloroform	39.5	4.2	42	0	94.1	74.5-120	0			
Chloromethane	38.44	8.4	42	0	91.5	62.8-129	0			
cis-1,3-Dichloropropene	39.77	4.2	42	0	94.7	72.7-120	0			
Dichloromethane	36.27	8.4	42	0	86.4	61.4-120	0			
Ethylbenzene	38.85	4.2	42	0	92.5	79.9-122	0			
Tetrachloroethene	38.36	4.2	42	0	91.3	79.5-126	0			
Toluene	39.2	4.2	42	0	93.3	79.1-123	0			
trans-1,2-Dichloroethene	38.92	4.2	42	0	92.7	76.3-124	0			
trans-1,3-Dichloropropene	39.23	4.2	42	0	93.4	65-127	0			
Trichloroethene	41.55	4.2	42	0	98.9	77.1-121	0			
Vinyl chloride	40.5	1.7	42	0	96.4	66.1-129	0			
Xylenes, Total	118.3	13	126	0	93.9	79.4-125	0			
Surr 1,2-Dichloroethane-d4	*39.34*	0	*42*	0	*93.7*	*70-128*	0			
Surr 4-Bromofluorobenzene	*38.7*	0	*42*	0	*92.1*	*73-126*	0			
Surr Dibromofluoromethane	*40.48*	0	*42*	0	*96.4*	*71-128*	0			
Surr Toluene-d8	*39.64*	0	*42*	0	*94.4*	*73-127*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

QC Page: 19 of 21

CLIENT: Golder Associates, Inc.
Work Order: 0611426
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: R44421 Instrument ID VOA5 Method: SW8260

MSD Sample ID: 0611426-04AMSD Units: µg/Kg Analysis Date: 11/30/06 16:42

Client ID: SB86-18 Run ID: VOA5_061130A SeqNo: 1006244 Prep Date: DF: 0.868

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	43.74	4.3	42.8	0	102	75.6-123	39.93	9.1	30	
1,1,2,2-Tetrachloroethane	45.55	4.3	42.8	0	106	75.1-120	41.15	10.2	30	
1,1,2-Trichloroethane	43.8	4.3	42.8	0	102	72.8-120	39 53	10.2	30	
1,1-Dichloroethane	44.77	4.3	42.8	0	105	75.3-121	39.97	11.3	30	
1,1-Dichloroethene	46.22	4.3	42.8	0	108	78-120	43.02	7.16	30	
1,2-Dichloroethane	47.33	4.3	42.8	0	111	70.8-128	39.82	17.2	30	
1,2-Dichloropropane	45.05	4.3	42.8	0	105	79.4-120	40 86	9.75	30	
2-Butanone	94.41	8 6	85.6	0	110	54.8-130	83.6	12.1	30	
Benzene	45.35	4.3	42.8	0	106	80-121	40.03	12.5	30	
Bromoform	44.98	4.3	42.8	0	105	76.9-120	38.13	16.5	30	
Bromomethane	44.8	8.6	42.8	0	105	58.9-132	38.6	15.1	30	
Carbon tetrachloride	48.43	4 3	42.8	0	113	71.8-130	40	19.1	30	
Chlorobenzene	44 84	4.3	42.8	0	105	80-120	38.59	15	30	
Chloroethane	45.63	8.6	42.8	0	107	62.5-135	40.48	12	30	
Chloroform	44.24	4 3	42.8	0	103	74.5-120	39.5	11.3	30	
Chloromethane	46.09	8.6	42.8	0	108	62.8-129	38.44	18.1	30	
cis-1,3-Dichloropropene	46.43	4.3	42.8	0	108	72.7-120	39 77	15.4	30	
Dichloromethane	41.22	8.6	42.8	0	96.3	61.4-120	36.27	12.8	30	
Ethylbenzene	44 76	4.3	42.8	0	105	79.9-122	38.85	14.1	30	
Tetrachloroethene	44.73	4.3	42.8	0	105	79.5-125	38.36	15.3	30	
Toluene	45 45	4.3	42.8	0	106	79.1-123	39.2	14.8	30	
trans-1,2-Dichloroethene	44.87	4.3	42.8	0	105	76.3-124	38.92	14.2	30	
trans-1,3-Dichloropropene	45.77	4.3	42.8	0	107	65-127	39.23	15.4	30	
Trichloroethene	48.72	4.3	42.8	0	114	77.1-121	41.55	15.9	30	
Vinyl chloride	46.82	1.7	42.8	0	109	66.1-129	40.5	14.5	30	
Xylenes, Total	135.7	13	128.4	0	106	79.4-125	118.3	13.7	30	
Surr: 1,2-Dichloroethane-d4	*44.21*	0	*42.8*	0	*103*	*70-128*	39.34	*11.6*	*30*	
Surr: 4-Bromofluorobenzene	*45.24*	0	*42.8*	0	*106*	*73-126*	38.7	*15 6*	*30*	
Surr: Dibromofluoromethane	*44.81*	0	*42.8*	0	*105*	*71-128*	40.48	*10.2*	*30*	
Surr: Toluene-d8	*44.99*	0	*42.8*	0	*105*	*73-127*	39.64	*12.6*	*30*	

The following samples were analyzed in this batch: 0611426-04A 0611426-05A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Reference analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0611426
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID: R44263 Instrument ID Balance1 Method: E160.3

DUP Sample ID: 0611415-01ADUP Units: wt% Analysis Date: 11/27/06 0:00
Client ID: Run ID: BALANCE1_061127B SeqNo: 1004037 Prep Date: DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	21.27	0.010	0	0	0	0-0	20.22	5.05	20	

DUP Sample ID: 0611426-03ADUP Units: wt% Analysis Date: 11/27/06 0:00
Client ID: SB86-12 Run ID: BALANCE1_061127B SeqNo: 1004044 Prep Date: DF: 1

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	17.68	0.010	0	0	0	0-0	17.14	3.11	20	

The following samples were analyzed in this batch:

0611426-01A	0611426-02A	0611426-03A
0611426-04B	0611426-05A	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

MDLs & MQLs

Golder Associates, Inc.
CRI Superfund – Wiley, TX
Work Order 0611426

Test Code: 8260_TCL_S
Test Number: SW8260
Test Name: TCL Volatile Organics
Matrix: Solid Units: µg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	1,1,1-Trichloroethane	71-55-6	0.7	5
A	1,1,2,2-Tetrachloroethane	79-34-5	0.5	5
A	1,1,2-Trichloroethane	79-00-5	0.5	5
A	1,1-Dichloroethane	75-34-3	0.8	5
A	1,1-Dichloroethene	75-35-4	1	5
A	1,2-Dichloroethane	107-06-2	0.6	5
A	1,2-Dichloropropane	78-87-5	0.6	5
A	2-Butanone	78-93-3	0.7	10
A	Benzene	71-43-2	0.6	5
A	Bromoform	75-25-2	0.5	10
A	Bromomethane	74-83-9	1	10
A	Carbon tetrachloride	56-23-5	1	5
A	Chlorobenzene	108-90-7	0.7	5
A	Chloroethane	75-00-3	1.6	10
A	Chloroform	67-66-3	0.9	5
A	Chloromethane	74-87-3	1.1	10
A	cis-1,3-Dichloropropene	10061-01-5	0.6	5
A	Dichloromethane	75-09-2	3	10
A	Ethylbenzene	100-41-4	0.8	5
A	Tetrachloroethene	127-18-4	0.6	5
A	Toluene	108-88-3	0.6	5
A	trans-1,2-Dichloroethene	156-60-5	1	5
A	trans-1,3-Dichloropropene	10061-02-6	0.6	5
A	Trichloroethene	79-01-6	0.6	5
A	Vinyl chloride	75-01-4	0.6	2
M	Xylenes, Total	1330-20-7	1.5	15
S	Surr: 1,2-Dichloroethane-d4	17060-07-0	0	0
S	Surr: 4-Bromofluorobenzene	460-00-4	0	0
S	Surr: Dibromofluoromethane	1868-53-7	0	0
S	Surr: Toluene-d8	2037-26-5	0	0

Test Code: 8260_TCL_W
Test Number: SW8260
Test Name: TCL Volatile Organics
Matrix: Aqueous **Units:** µg/L

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	1,1,1-Trichloroethane	71-55-6	0.6	5
A	1,1,2,2-Tetrachloroethane	79-34-5	1.5	5
A	1,1,2-Trichloroethane	79-00-5	0.5	5
A	1,1-Dichloroethane	75-34-3	0.5	5
A	1,1-Dichloroethene	75-35-4	0.6	5
A	1,2-Dichloroethane	107-06-2	0.5	5
A	1,2-Dichloropropane	78-87-5	0.7	5
A	2-Butanone	78-93-3	0.8	10
A	Benzene	71-43-2	0.6	5
A	Bromoform	75-25-2	0.8	5
A	Bromomethane	74-83-9	0.5	5
A	Carbon tetrachloride	56-23-5	0.6	5
A	Chlorobenzene	108-90-7	0.5	5
A	Chloroethane	75-00-3	0.6	5
A	Chloroform	67-66-3	0.5	5
A	Chloromethane	74-87-3	0.5	5
A	cis-1,3-Dichloropropene	10061-01-5	0.5	5
A	Dichloromethane	75-09-2	0.6	10
A	Ethylbenzene	100-41-4	0.5	5
A	Tetrachloroethene	127-18-4	0.5	5
A	Toluene	108-88-3	0.5	5
A	trans-1,2-Dichloroethene	156-60-5	0.6	5
A	trans-1,3-Dichloropropene	10061-02-6	0.5	5
A	Trichloroethene	79-01-6	0.7	5
A	Vinyl chloride	75-01-4	0.6	2
M	Xylenes, Total	1330-20-7	1.5	15
S	Surr: 1,2-Dichloroethane-d4	17060-07-0	0	5
S	Surr: 4-Bromofluorobenzene	460-00-4	0	5
S	Surr: Dibromofluoromethane	1868-53-7	0	5
S	Surr: Toluene-d8	2037-26-5	0	5

Test Code: HG_S
Test Number: SW7471A
Test Name: Mercury, Total
Matrix: Solid **Units:** µg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Mercury	7439-97-6	1.4	13.3

Test Code: HG_W
Test Number: SW7470
Test Name: Mercury, Total
Matrix: Aqueous **Units:** mg/L

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Mercury	7439-97-6	0.000042	0.0002

Test Code: ICP_S_Low
Test Number: SW6020
Test Name: ICP Metals
Matrix: Solid **Units:** mg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Antimony	7440-36-0	0.14	0.5
A	Arsenic	7440-38-2	0.13	0.5
A	Barium	7440-39-3	0.07	0.5
A	Beryllium	7440-41-7	0.03	0.5
A	Cadmium	7440-43-9	0.03	0.5
A	Chromium	7440-47-3	0.07	0.5
A	Copper	7440-50-8	0.04	0.5
A	Lead	7439-92-1	0.09	0.5
A	Nickel	7440-02-0	0.08	0.5
A	Selenium	7782-49-2	0.19	0.5
A	Silver	7440-22-4	0.02	0.5
A	Thallium	7440-28-0	0.05	0.5
A	Zinc	7440-66-6	0.1	0.5

e-Lab Analytical, Inc. **Date:** Dec 05, 2006

Test Code: ICP_TW
Test Number: SW6020
Test Name: ICP Metals, Total
Matrix: Aqueous **Units:** mg/L

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Antimony	7440-36-0	0.001	0.005
A	Arsenic	7440-38-2	0.0018	0.005
A	Barium	7440-39-3	0.0006	0.005
A	Beryllium	7440-41-7	0.0003	0.002
A	Cadmium	7440-43-9	0.00015	0.002
A	Chromium	7440-47-3	0.0005	0.005
A	Copper	7440-50-8	0.0003	0.005
A	Lead	7439-92-1	0.0002	0.005
A	Nickel	7440-02-0	0.0003	0.005
A	Selenium	7782-49-2	0.0017	0.005
A	Silver	7440-22-4	0.0002	0.005
A	Thallium	7440-28-0	0.0004	0.002
A	Zinc	7440-66-6	0.0015	0.005

e-Lab Analytical, Inc. **Date:** Dec 05, 2006

Test Code: MOISTURE
Test Number: E160.3
Test Name: Percent Moisture
Matrix: Soil **Units:** wt%

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Percent Moisture	MOIST	0.01	0.01

e-Lab Analytical, Inc.

10450 Stancliff Rd, Suite 210 Houston, Texas 77099-4338 (281) 530-5656 Fax (281) 530-5887

December 28, 2006

Jay Winters
Golder Associates, Inc.
500 Century Plaza Drive Suite 190
Houston, TX 77073

Tel: (281) 821-6868
Fax: (281) 821-6870

Re: CRI-Superfund Wiley, Texas Work Order : **0612219**

Dear Jay Winters,

e-Lab Analytical, Inc. received 28 samples on 11/15/2006 10:00:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by e-Lab Analytical, Inc. and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by e-Lab Analytical, Inc. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 67.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Patricia L. Lynch

Electronically approved by: Odette E Elliston

Patricia L. Lynch
Project Manager

Certificate No T104704231-06-TX

e-Lab Analytical, Inc. **Date:** *December 28, 2006*

CLIENT:	Golder Associates, Inc.
Project:	CRI-Superfund Wiley, Texas
Work Order:	0612219

TRRP Laboratory Data Package Cover Page

This data package consists of all or some of the following as applicable:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation:

R2 Sample identification cross-reference

R3 Test reports (analytical data sheets) for each environmental sample that includes:
- a) Items consistent with NELAC 5.13 or ISO/IEC 17025 Section 5.10
- b) dilution factors,
- c) preparation methods,
- d) cleanup methods, and
- e) if required for the project, tentatively identified compounds (TICs).

R4 Surrogate recovery data including:
- a) Calculated recovery (%R), and
- b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms for laboratory control samples (LCSs) including:
- a) LCS spiking amounts,
- b) Calculated %R for each analyte, and
- c)The laboratory's LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
- a) Samples associated with the MS/MSD clearly identified,
- b) MS/MSD spiking amounts,
- c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
- d) Calculated %Rs and relative percent differences (RPDs), and
- e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) recovery and precision.
- a) the amount of analyte measured in the duplicate,
- b) the calculated RPD, and
- c) the laboratory's QC limits for analytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;?

R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release Statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exception reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratory in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, if applicable: [NA] This laboratory is an in-house laboratory controlled by the person responding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Patricia L. Lynch

Patricia L. Lynch

Project Manager

Laboratory Review Checklist: Reportable Data

Laboratory Name e-Lab Analytical, Inc.	LRC Date 12/28/2006
Project Name: CRI Superfund Wiley	Laboratory Job Number: 0612219
Reviewer Name: Patricia L. Lynch	Prep Batch Number(s): 21176, 21188, 21199, R44942 and R44955

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**CHAIN-OF-CUSTODY (C-O-C)**					
		1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		2) Were all departures from standard conditions described in an exception report?	X				
R2	OI	**SAMPLE AND QUALITY CONTROL (QC) IDENTIFICATION**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**TEST REPORTS**					
		1) Were all samples prepared and analyzed within holding times?		X			1
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample quantitation limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	X				
		7) Was % moisture (or solids) reported for all soil and sediment samples?	X				
		8) If required for the project, TICs reported?			X		
R4	O	**SURROGATE RECOVERY DATA**					
		1) Were surrogates added prior to extraction?			X		
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**TEST REPORTS/SUMMMARY FORMS FOR BLANK SAMPLES**					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?	X				
R6	OI	**LABORATORY CONTROL SAMPLES (LCS):**					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	X				
		6) Was the LCSD RPD within QC limits?	X				
R7	OI	**MATRIX SPIKE (MS) AND MATRIX SPIKE DUPLICATE (MSD) DATA**					
		1) Were the project/method specified analytes included in the MS and MSD?	X				
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			2
		4) Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**ANALYTICAL DUPLICATE DATA**					
		1) Were appropriate analytical duplicates analyzed for each matrix?	X				
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?		X			3
R9	OI	**METHOD QUANTITATION LIMITS (MQLS):**					
		1) Are the MQLs for each method analyte listed and included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs included in the laboratory data package?	X				
R10	OI	**OTHER PROBLEMS/ANOMALIES**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		2) Were all necessary corrective actions performed for the reported data?	X				
		3) If requested, is the justification for elevated SQLs documented?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted in o the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period
2 O = organic analyses, I = inorganic analyses (and general chemistry, when applicable),
3 NA = Not applicable,
4 NR = Not Reviewed,
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked)

Laboratory Review Checklist: Supporting Data

Laboratory Name. e-lab Analytical, Inc	LRC Date· 12/28/2006
Project Name CRI Superfund Wiley	Laboratory Job Number 0612219
Reviewer Name Patricia L. Lynch	Prep Batch Number(s) 21176, 21188, 21199, R44942 and R44955

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**INITIAL CALIBRATION (ICAL)**					
		1) Were response factors (RFs) and/or relative response factors (RRFs) for each analyte within the QC limits?	X				
		2) Were percent RSDs or correlation coefficient criteria met?	X				
		3) Was the number of standards recommended in the method used for all analytes?	X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		5) Are ICAL data available for all instruments used?	X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**INITIAL AND CONTINUING CALIBRATION VERIFICATION (ICCV AND CCV) AND**					
		1) Was the CCV analyzed at the method-required frequency?	X				
		2) Were percent differences for each analyte within the method-required QC limits?	X				
		3) Was the ICAL curve verified for each analyte?	X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X		
S3	O	**MASS SPECTRAL TUNING:**					
		1) Was the appropriate compound for the method used for tuning?	X				
		2) Were ion abundance data within the method-required QC limits?			X		
S4	O	**INTERNAL STANDARDS (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**RAW DATA (NELAC SECTION 1 APPENDIX A GLOSSARY, AND SECTION 5.12 OR**					
		1) Were the raw data (e g., chromatograms, spectral data) reviewed by an analyst?	X				
		2) Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**DUAL COLUMN CONFIRMATION**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**TENTATIVELY IDENTIFIED COMPOUNDS (TICS):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**INTERFERENCE CHECK SAMPLE (ICS) RESULTS:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**SERIAL DILUTIONS, POST DIGESTION SPIKES, AND METHOD OF STANDARD**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?		X			4
S10	OI	**PROFICIENCY TEST REPORTS:**					
		Are proficiency testing or inter-laboratory comparison results on file?	X				
S11	OI	**METHOD DETECTION LIMIT (MDL) STUDIES**					
		1) Was a MDL study performed for each reported analyte?	X				
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S12	OI	**STANDARDS DOCUMENTATION**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**COMPOUND/ANALYTE IDENTIFICATION PROCEDURES**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**DEMONSTRATION OF ANALYST COMPETENCY (DOC)**					
		1) Was DOC conducted consistent with NELAC 5C or ISO/IEC 4.2.2?	X				
		2) Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**VERIFICATION/VALIDATION DOCUMENTATION FOR METHODS**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable, (NELAC 5 10 2 or ISO/IEC 17025 Section 5 4.5)?	X				
S16	OI	**LABORATORY STANDARD OPERATING PROCEDURES (SOPS):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period
2 O = organic analyses, I = inorganic analyses (and general chemistry, when applicable)
3 NA = Not applicable
4 NR = Not Reviewed
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked)

Laboratory Review Checklist: Exception Report		
Laboratory Name: e-Lab Analytical, Inc.		LRC Date: 12/28/2006
Project Name: CRI Superfund Wiley		Laboratory Job Number 0612219
Reviewer Name Patricia L. Lynch		Prep Batch Number(s): 21176, 21188, 21199, R44942 and R44955
ER #[1]	DESCRIPTION	
1	Analyses for Mercury were requested on the last day of the holding time for most of the samples. The analyses were completed the next day (Day 29). The applicable Mercury data is flagged with H.	
2	Batch 21188 Lead and Zinc MS recoveries are below the control limits in sample SB41-12 (Archive) Both MSD recoveries and both RPD's are in control. Batch 21199 Metals MS/MSD recoveries for many of the target elements are outside the control limits in sample SB58-12 DS-10 due to matrix interference. Some of the data are also flagged with E and O due to the concentrations in the background sample. All RPD's are in control.	
3	Batch 21199 Metals Duplicate RPD for Selenium is above the control limits in sample SB58-12 DS-10 due to matrix interference.	
4	Batch 21199 Metals Post-Digestion Spike recovery for Lead and Zinc are below the control limits in sample SB58-12 DS-10 The data is also flagged with E and O due to the concentrations in the background sample.	
	Batch 21188 Lead and Zinc Serial Dilution %D's are above the control limits in sample SB41-12 (Archive). Batch 21199 Metals Serial Dilution %D's for Barium and Nickel are above the control limits in sample SB58-12 DS-10.	

1 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas
Work Order: 0612219

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
0612219-01	SB13 12 (Archive)	Soil		11/14/2006 13:09	11/15/2006 10:00	☐
0612219-02	SB23-12 (Archive)	Soil		11/14/2006 13:51	11/15/2006 10:00	☐
0612219-03	SB28-12 (Archive)	Soil		11/14/2006 14:32	11/15/2006 10:00	☐
0612219-04	SB29-12 (Archive)	Soil		11/14/2006 14:42	11/15/2006 10:00	☐
0612219-05	SB30-12 (Archive)	Soil		11/14/2006 14:46	11/15/2006 10:00	☐
0612219-06	SB31-12 (Archive)	Soil		11/14/2006 15:00	11/15/2006 10:00	☐
0612219-07	SB32-12 (Archive)	Soil		11/14/2006 15.04	11/15/2006 10.00	☐
0612219-08	SB36-12 (Archive)	Soil		11/14/2006 15.39	11/15/2006 10 00	☐
0612219-09	SB38-12 DS8	Soil		11/14/2006 15:45	11/15/2006 10:00	☐
0612219-10	SB38-12 (Archive)	Soil		11/14/2006 15.45	11/15/2006 10.00	☐
0612219-11	SB39-12 (Archive)	Soil		11/14/2006 15:48	11/15/2006 10:00	☐
0612219-12	SB40-12 (Archive)	Soil		11/14/2006 15:51	11/15/2006 10:00	☐
0612219-13	SB41-12 (Archive)	Soil		11/14/2006 15.56	11/15/2006 10.00	☐
0612219-14	SB64-12 (Archive)	Soil		11/15/2006 10.13	11/16/2006 09 10	☐
0612219-15	SB65-12 (Archive)	Soil		11/15/2006 10:17	11/16/2006 09:10	☐
0612219-16	SB66-12 (Archive)	Soil		11/15/2006 10:20	11/16/2006 09:10	☐
0612219-17	SB68-12 (Archive)	Soil		11/15/2006 10:35	11/16/2006 09:10	☐
0612219-18	SB72-24 (Archive)	Soil		11/15/2006 13:42	11/16/2006 09:10	☐
0612219-19	SB70-12 (Archive)	Soil		11/15/2006 13:03	11/16/2006 09 10	☐
0612219-20	SB43-12	Soil		11/15/2006 08:37	11/16/2006 09 10	☐
0612219-21	SB44-12	Soil		11/15/2006 08:39	11/16/2006 09:10	☐
0612219-22	SB46-12	Soil		11/15/2006 08:45	11/16/2006 09.10	☐
0612219-23	SB50-12	Soil		11/15/2006 08:59	11/16/2006 09.10	☐
0612219-24	SB56-12	Soil		11/15/2006 09:35	11/16/2006 09:10	☐
0612219-25	SB58-12	Soil		11/15/2006 09:43	11/16/2006 09:10	☐
0612219-26	SB58-12 DS-10	Soil		11/15/2006 09:43	11/16/2006 09.10	☐
0612219-27	SB59-12	Soil		11/15/2006 09:51	11/16/2006 09:10	☐
0612219-28	SB60-12	Soil		11/15/2006 10:00	11/16/2006 09:10	☐

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB13 12 (Archive)
Work Order:	0612219	**Collection Date:**	11/14/2006 1:09:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-01	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
ICP METALS		Method: **SW6020**			Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**311**		**2.2**	**12.3**	**mg/Kg-dry**	20	12/15/2006
Zinc	**136**		**2.5**	**12.3**	**mg/Kg-dry**	20	12/15/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst **MAM**
Percent Moisture	**21.9**		**0.010**	**0.0100**	**wt%**	1	12/14/2006

Qualifiers:

U - Analyzed for but Not Detected

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results RPD > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB23-12 (Archive)
Work Order:	0612219	**Collection Date:**	11/14/2006 1:51:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-02	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
ICP METALS		Method: **SW6020**			Prep SW3050A / 12/13/06		Analyst: **SA**
Lead	**21.8**		**0.10**	**0.583**	**mg/Kg-dry**	1	12/15/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **MAM**
Percent Moisture	**22.1**		**0.010**	**0.0100**	**wt%**	1	12/14/2006

Qualifiers:

U - Analyzed for but Not Detected

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results RPD > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB28-12 (Archive)
Work Order:	0612219	**Collection Date:**	11/14/2006 2:32:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-03	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
ICP METALS		Method **SW6020**			Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**22.3**		**0.094**	**0.522**	**mg/Kg-dry**	1	12/15/2006
PERCENT MOISTURE		Method **E160.3**					Analyst **MAM**
Percent Moisture	**18.1**		**0.010**	**0.0100**	**wt%**	1	12/14/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB29-12 (Archive)
Work Order:	0612219	**Collection Date:**	11/14/2006 2:42:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-04	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**			Prep SW7471A / 12/13/06		Analyst: **JCJ**
Mercury	**25.2**	H	**1.7**	**16.0**	**µg/Kg-dry**	1	12/13/2006
ICP METALS		Method **SW6020**			Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**75.0**		**0.10**	**0.576**	**mg/Kg-dry**	1	12/15/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst **MAM**
Percent Moisture	**18.9**		**0.010**	**0.0100**	**wt%**	1	12/14/2006

Qualifiers:

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J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results RPD > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB30-12 (Archive)
Work Order:	0612219	**Collection Date:**	11/14/2006 2:46:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-05	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
ICP METALS		Method:	**SW6020**		Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**108**		**0.096**	**0.533**	**mg/Kg-dry**	1	12/15/2006
PERCENT MOISTURE		Method:	**E160.3**				Analyst **MAM**
Percent Moisture	**18.4**		**0.010**	**0.0100**	**wt%**	1	12/14/2006

Qualifiers:

- U - Analyzed for but Not Detected
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB31-12 (Archive)
Work Order:	0612219	**Collection Date:**	11/14/2006 3:00:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-06	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method **SW7471A**		Prep SW7471A / 12/13/06		Analyst **JCJ**
Mercury	1,910	H	15	142	µg/Kg-dry	10	12/13/2006
ICP METALS			Method **SW6020**		Prep SW3050A / 12/13/06		Analyst **SA**
Lead	2,660		9.7	54.2	mg/Kg-dry	100	12/15/2006
PERCENT MOISTURE			Method: **E160.3**				Analyst **MAM**
Percent Moisture	9.50		0.010	0.0100	wt%	1	12/14/2006

Qualifiers:

U - Analyzed for but Not Detected

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results RPD > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB32-12 (Archive)
Work Order:	0612219	**Collection Date:**	11/14/2006 3:04:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-07	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
ICP METALS			Method: **SW6020**		Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**31.2**		**0.096**	**0.535**	**mg/Kg-dry**	1	12/15/2006
PERCENT MOISTURE			Method **E160.3**				Analyst **MAM**
Percent Moisture	**18.7**		**0.010**	**0.0100**	**wt%**	1	12/14/2006

Qualifiers:

U - Analyzed for but Not Detected

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results RPD > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB36-12 (Archive)
Work Order:	0612219	**Collection Date:**	11/14/2006 3.39:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-08	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method **SW7471A**		Prep SW7471A / 12/13/06		Analyst: **JCJ**
Mercury	**23.7**	H	**1.7**	**16.0**	**µg/Kg-dry**	1	12/13/2006
ICP METALS			Method: **SW6020**		Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**12.7**		**0.11**	**0.591**	**mg/Kg-dry**	1	12/15/2006
PERCENT MOISTURE			Method **E160.3**				Analyst **MAM**
Percent Moisture	**17.9**		**0.010**	**0.0100**	**wt%**	1	12/14/2006

Qualifiers:

U - Analyzed for but Not Detected

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results RPD > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB38-12 DS8
Work Order:	0612219	**Collection Date:**	11/14/2006 3:45:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-09	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method **SW7471A**			Prep SW7471A / 12/13/06		Analyst **JCJ**
Mercury	**13.2**	JH	**1.7**	**16.3**	**µg/Kg-dry**	1	12/13/2006
ICP METALS		Method **SW6020**			Prep SW3050A / 12/13/06		Analyst. **SA**
Lead	**21.2**		**0.099**	**0.552**	**mg/Kg-dry**	1	12/15/2006
PERCENT MOISTURE		Method **E160.3**					Analyst **MAM**
Percent Moisture	**19.8**		**0.010**	**0.0100**	**wt%**	1	12/14/2006

Qualifiers:

U - Analyzed for but Not Detected

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results RPD > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB38-12 (Archive)
Work Order:	0612219	**Collection Date:**	11/14/2006 3:45:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-10	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**			Prep SW7471A / 12/13/06		Analyst: **JCJ**
Mercury	**14.6**	JH	**1.7**	**16.2**	**µg/Kg-dry**	1	12/13/2006
ICP METALS		Method: **SW6020**			Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**18.7**		**0.098**	**0.544**	**mg/Kg-dry**	1	12/15/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **MAM**
Percent Moisture	**20.0**		**0.010**	**0.0100**	**wt%**	1	12/15/2006

Qualifiers:

U - Analyzed for but Not Detected

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results RPD > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB39-12 (Archive)
Work Order:	0612219	**Collection Date:**	11/14/2006 3:48:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-11	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
ICP METALS		Method: **SW6020**			Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**27.5**		**1.1**	**5.85**	**mg/Kg-dry**	10	12/15/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst **MAM**
Percent Moisture	**19.3**		**0.010**	**0.0100**	**wt%**	1	12/15/2006

Qualifiers:

U - Analyzed for but Not Detected

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results RPD > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB40-12 (Archive)
Work Order:	0612219	**Collection Date:**	11/14/2006 3:51:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-12	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
ICP METALS		Method: **SW6020**			Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**5,380**		**9.1**	**50.4**	**mg/Kg-dry**	100	12/15/2006
PERCENT MOISTURE		Method **E160.3**					Analyst **MAM**
Percent Moisture	**16.6**		**0.010**	**0.0100**	**wt%**	1	12/15/2006

Qualifiers:

- U - Analyzed for but Not Detected
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB41-12 (Archive)
Work Order:	0612219	**Collection Date:**	11/14/2006 3.56:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-13	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL		Method: **SW7471A**			Prep SW7471A / 12/13/06		Analyst: **JCJ**
Mercury	**11.8**	JH	**1.7**	**16.5**	**µg/Kg-dry**	1	12/13/2006
ICP METALS		Method: **SW6020**			Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**22.1**		**0.099**	**0.548**	**mg/Kg-dry**	1	12/15/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst: **MAM**
Percent Moisture	**19.9**		**0.010**	**0.0100**	**wt%**	1	12/15/2006

Qualifiers:

U - Analyzed for but Not Detected

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results RPD > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB64-12 (Archive)
Work Order:	0612219	**Collection Date:**	11/15/2006 10:13:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-14	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
ICP METALS		Method: **SW6020**			Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**2.74**		**0.10**	**0.564**	**mg/Kg-dry**	1	12/15/2006
PERCENT MOISTURE		Method **E160.3**					Analyst: **MAM**
Percent Moisture	**22.9**		**0.010**	**0.0100**	**wt%**	1	12/15/2006

Qualifiers:

U - Analyzed for but Not Detected

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results RPD > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB65-12 (Archive)
Work Order:	0612219	**Collection Date:**	11/15/2006 10:17:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-15	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
ICP METALS		Method **SW6020**			Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**36.8**		**0.10**	**0.566**	**mg/Kg-dry**	1	12/15/2006
Zinc	**36.4**		**0.11**	**0.566**	**mg/Kg-dry**	1	12/15/2006
PERCENT MOISTURE		Method **E160.3**					Analyst **MAM**
Percent Moisture	**22.4**		**0.010**	**0.0100**	**wt%**	1	12/15/2006

Qualifiers:

U - Analyzed for but Not Detected

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results RPD > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB66-12 (Archive)
Work Order:	0612219	**Collection Date:**	11/15/2006 10:20:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-16	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
ICP METALS		Method	**SW6020**		Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**26.0**		**0.11**	**0.606**	**mg/Kg-dry**	1	12/15/2006
PERCENT MOISTURE		Method	**E160.3**				Analyst **MAM**
Percent Moisture	**23.6**		**0.010**	**0.0100**	**wt%**	1	12/15/2006

Qualifiers:

- U - Analyzed for but Not Detected
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB68-12 (Archive)
Work Order:	0612219	**Collection Date:**	11/15/2006 10:35:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-17	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
ICP METALS		Method **SW6020**			Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**22.7**		***0.11***	***0.593***	***mg/Kg-dry***	1	12/15/2006
PERCENT MOISTURE		Method **E160.3**					Analyst **MAM**
Percent Moisture	**24.1**		**0.010**	**0.0100**	**wt%**	1	12/15/2006

Qualifiers:

- U - Analyzed for but Not Detected
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB72-24 (Archive)
Work Order:	0612219	**Collection Date:**	11/15/2006 1:42:00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-18	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
ICP METALS		Method **SW6020**			Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**23.9**		**0.10**	**0.575**	**mg/Kg-dry**	1	12/15/2006
PERCENT MOISTURE		Method **E160.3**					Analyst **MAM**
Percent Moisture	**21.6**		**0.010**	**0.0100**	**wt%**	1	12/15/2006

Qualifiers:

U - Analyzed for but Not Detected

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results RPD > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB70-12 (Archive)
Work Order:	0612219	**Collection Date:**	11/15/2006 1:03.00 PM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-19	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			Method **SW7471A**		Prep SW7471A / 12/13/06		Analyst **JCJ**
Mercury	**45.4**		**1.6**	**15.3**	**µg/Kg-dry**	1	12/13/2006
ICP METALS			Method **SW6020**		Prep SW3050A / 12/13/06		Analyst **SA**
Antimony	U		0 15	0 548	mg/Kg-dry	1	12/15/2006
Arsenic	**3.37**		**0.14**	**0.548**	**mg/Kg-dry**	1	12/15/2006
Barium	**181**		**0.077**	**0.548**	**mg/Kg-dry**	1	12/15/2006
Beryllium	**0.769**		**0.033**	**0.548**	**mg/Kg-dry**	1	12/15/2006
Cadmium	**0.196**	J	**0.033**	**0.548**	**mg/Kg-dry**	1	12/15/2006
Chromium	**11.0**		**0.077**	**0.548**	**mg/Kg-dry**	1	12/15/2006
Copper	**11.8**		**0.044**	**0.548**	**mg/Kg-dry**	1	12/15/2006
Lead	**28.8**		**0.099**	**0.548**	**mg/Kg-dry**	1	12/15/2006
Nickel	**13.6**		**0.088**	**0.548**	**mg/Kg-dry**	1	12/15/2006
Selenium	**0.867**		**0.21**	**0.548**	**mg/Kg-dry**	1	12/15/2006
Silver	U		0 022	0 548	mg/Kg-dry	1	12/15/2006
Thallium	**0.0908**	J	**0.055**	**0.548**	**mg/Kg-dry**	1	12/15/2006
Zinc	**29.5**		**0.11**	**0.548**	**mg/Kg-dry**	1	12/15/2006
PERCENT MOISTURE			Method **E160.3**				Analyst **MAM**
Percent Moisture	**16.4**		**0.010**	**0.0100**	**wt%**	1	12/15/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB43-12
Work Order:	0612219	**Collection Date:**	11/15/2006 8:37:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-20	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
ICP METALS		Method **SW6020**			Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**875**		**10**	**57.1**	**mg/Kg-dry**	100	12/18/2006
PERCENT MOISTURE		Method **E160.3**					Analyst **MAM**
Percent Moisture	**19.6**		**0.010**	**0.0100**	**wt%**	1	12/15/2006

Qualifiers:

U - Analyzed for but Not Detected

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results RPD > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB44-12
Work Order:	0612219	**Collection Date:**	11/15/2006 8:39:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-21	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
ICP METALS		Method: **SW6020**			Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**19.3**		**0.11**	**0.603**	**mg/Kg-dry**	1	12/15/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst. **MAM**
Percent Moisture	**19.5**		**0.010**	**0.0100**	**wt%**	1	12/15/2006

Qualifiers:

U - Analyzed for but Not Detected

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results RPD > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB46-12
Work Order:	0612219	**Collection Date:**	11/15/2006 8:45:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-22	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
ICP METALS		Method **SW6020**			Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**72.1**		**0.10**	**0.583**	**mg/Kg-dry**	1	12/15/2006
Zinc	**48.4**		**0.12**	**0.583**	**mg/Kg-dry**	1	12/15/2006
PERCENT MOISTURE		Method **E160.3**					Analyst **MAM**
Percent Moisture	**21.3**		**0.010**	**0.0100**	**wt%**	1	12/15/2006

Qualifiers:

- U - Analyzed for but Not Detected
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB50-12
Work Order:	0612219	**Collection Date:**	11/15/2006 8:59:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-23	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
ICP METALS		Method: **SW6020**			Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**40.9**		**0.10**	**0.557**	**mg/Kg-dry**	1	12/15/2006
Zinc	**35.6**		**0.11**	**0.557**	**mg/Kg-dry**	1	12/15/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst **MAM**
Percent Moisture	**21.3**		**0.010**	**0.0100**	**wt%**	1	12/15/2006

Qualifiers:

U - Analyzed for but Not Detected

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results RPD > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB56-12
Work Order:	0612219	**Collection Date:**	11/15/2006 9:35:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-24	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
ICP METALS		Method: **SW6020**			Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**30.6**		**0.10**	**0.565**	**mg/Kg-dry**	1	12/15/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst **MAM**
Percent Moisture	**22.4**		**0.010**	**0.0100**	**wt%**	1	12/15/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB58-12
Work Order:	0612219	**Collection Date:**	11/15/2006 9:43:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-25	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
ICP METALS		Method	**SW6020**		Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**1,650**		**10**	**58.1**	**mg/Kg-dry**	100	12/18/2006
PERCENT MOISTURE		Method	**E160.3**				Analyst **MAM**
Percent Moisture	**21.7**		**0.010**	**0.0100**	**wt%**	1	12/15/2006

Qualifiers:

U - Analyzed for but Not Detected

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results RPD > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB58-12 DS-10
Work Order:	0612219	**Collection Date:**	11/15/2006 9:43.00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-26	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
ICP METALS		Method	**SW6020**		Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**112**		**0.10**	**0.565**	**mg/Kg-dry**	1	12/15/2006
Zinc	**190**		**0.11**	**0.565**	**mg/Kg-dry**	1	12/15/2006
PERCENT MOISTURE		Method	**E160.3**				Analyst **MAM**
Percent Moisture	**21.1**		**0.010**	**0.0100**	**wt%**	1	12/15/2006

Qualifiers:

U - Analyzed for but Not Detected

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results RPD > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB59-12
Work Order:	0612219	**Collection Date:**	11/15/2006 9:51:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-27	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
ICP METALS		Method: **SW6020**			Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**18.7**		**0.11**	**0.607**	**mg/Kg-dry**	1	12/16/2006
PERCENT MOISTURE		Method **E160.3**					Analyst **MAM**
Percent Moisture	**23.1**		**0.010**	**0.0100**	**wt%**	1	12/15/2006

Qualifiers:

U - Analyzed for but Not Detected

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results RPD > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *December 28, 2006*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB60-12
Work Order:	0612219	**Collection Date:**	11/15/2006 10:00:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0612219-28	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
ICP METALS		Method: **SW6020**			Prep SW3050A / 12/13/06		Analyst **SA**
Lead	**357**		**1.0**	**5.58**	**mg/Kg-dry**	10	12/18/2006
Zinc	**307**		**1.1**	**5.58**	**mg/Kg-dry**	10	12/18/2006
PERCENT MOISTURE		Method: **E160.3**					Analyst **MAM**
Percent Moisture	**22.1**		**0.010**	**0.0100**	**wt%**	1	12/15/2006

Qualifiers:

U - Analyzed for but Not Detected

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results RPD > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: Dec 28, 2006

Test Code: HG_S
Test Number: SW7471A
Test Name: Mercury, Total
Matrix: Solid **Units:** µg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Mercury	7439-97-6	1 4	13.3

e-Lab Analytical, Inc.

Date: Dec 28, 2006

Test Code: ICP_S_Low
Test Number: SW6020
Test Name: ICP Metals
Matrix: Solid **Units:** mg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Antimony	7440-36-0	0.14	0.5
A	Arsenic	7440-38-2	0.13	0.5
A	Barium	7440-39-3	0.07	0.5
A	Beryllium	7440-41-7	0.03	0.5
A	Cadmium	7440-43-9	0.03	0.5
A	Chromium	7440-47-3	0.07	0.5
A	Copper	7440-50-8	0.04	0.5
A	Lead	7439-92-1	0.09	0.5
A	Nickel	7440-02-0	0.08	0 5
A	Selenium	7782-49-2	0 19	0.5
A	Silver	7440-22-4	0.02	0 5
A	Thallium	7440-28-0	0 05	0 5
A	Zinc	7440-66-6	0 1	0 5

e-Lab Analytical, Inc.

Date: Dec 28, 2006

Test Code: MOISTURE
Test Number: E160.3
Test Name: Percent Moisture
Matrix: Soil **Units:** wt%

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Percent Moisture	MOIST	0.01	0 01

e-Lab Analytical, Inc.

CLIENT: Golder Associates, Inc.
Work Order: 0612219
Project: CRI-Superfund Wiley, Texas

Date: *Dec 28 2006*

QC BATCH REPORT

Batch ID **21176** Instrument ID **Mercury** Method **SW7471A**

MBLK Sample ID **GBLKS1-121306** Units **µg/Kg** Analysis Date **12/13/06 17:52**
Client ID Run ID **MERCURY_061213D** SeqNo **1013912** Prep Date **12/13/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	13								

LCS Sample ID **GLCSS1-121306** Units **µg/Kg** Analysis Date **12/13/06 17:54**
Client ID Run ID **MERCURY_061213D** SeqNo **1013913** Prep Date **12/13/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	341 3	13	333 3	0	102	85-115	0			

LCSD Sample ID **GLCSDS1-121306** Units **µg/Kg** Analysis Date **12/13/06 17:56**
Client ID Run ID **MERCURY_061213D** SeqNo **1013914** Prep Date **12/13/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	350	13	333 3	0	105	85-115	341 3	2 51	20	

MS Sample ID **0612219-13AMS** Units **µg/Kg** Analysis Date **12/13/06 18:09**
Client ID **SB41-12 (Archive)** Run ID **MERCURY_061213D** SeqNo **1013917** Prep Date **12/13/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	312 2	13	330	9 455	91 7	85-115	0			H

MSD Sample ID **0612219-13AMSD** Units **µg/Kg** Analysis Date **12/13/06 18:11**
Client ID **SB41-12 (Archive)** Run ID **MERCURY_061213D** SeqNo **1013918** Prep Date **12/13/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	310	13	328 4	9 455	91 5	85-115	312.2	0 705	20	H

DUP Sample ID **0612219-13ADUP** Units **µg/Kg** Analysis Date **12/13/06 18:07**
Client ID **SB41-12 (Archive)** Run ID **MERCURY_061213D** SeqNo **1013916** Prep Date **12/13/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	6 919	13	0	0	0		9 455	0	20	JH

The following samples were analyzed in this batch:

0612219-04A	0612219-06A	0612219-08A
0612219-09A	0612219-10A	0612219-13A
0612219-19A		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0612219
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **21188** Instrument ID **ICP7500** Method **SW6020**

MBLK Sample ID **MBLKS1-121306** Units **mg/Kg** Analysis Date **12/15/06 1:39**
Client ID Run ID **ICP7500_061214A** SeqNo **1015344** Prep Date **12/13/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	U	0 50								
Zinc	U	0 50								

LCS Sample ID **MLCSS1-121306** Units **mg/Kg** Analysis Date **12/13/06 19:36**
Client ID Run ID **ICP7500_061213A** SeqNo **1014153** Prep Date **12/13/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	9 858	0 50	10	0	98 6	80-120	0			
Zinc	9 657	0 50	10	0	96 6	80-120	0			

MS Sample ID **0612219-13AMS** Units **mg/Kg** Analysis Date **12/15/06 5:19**
Client ID **SB41-12 (Archive)** Run ID **ICP7500_061214A** SeqNo **1015401** Prep Date **12/13/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	23 17	0 44	8 696	17 73	62 5	75-125	0			S
Zinc	27 44	0 44	8 696	21 39	69 6	75-125	0			S

MSD Sample ID **0612219-13AMSD** Units **mg/Kg** Analysis Date **12/15/06 5:30**
Client ID **SB41-12 (Archive)** Run ID **ICP7500_061214A** SeqNo **1015402** Prep Date **12/13/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	25 83	0 44	8 696	17 73	93 1	75-125	23 17	10 9	25	
Zinc	30 42	0 44	8 696	21 39	104	75-125	27 44	10 3	25	

DUP Sample ID **0612219-13ADUP** Units **mg/Kg** Analysis Date **12/15/06 5:07**
Client ID **SB41-12 (Archive)** Run ID **ICP7500_061214A** SeqNo **1015398** Prep Date **12/13/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	16 07	0 44	0	0	0	0-0	17 73	9 81	25	
Zinc	20 6	0 44	0	0	0	0-0	21 39	3 78	25	

PDS Sample ID **0612219-13ABS** Units **mg/Kg** Analysis Date **12/15/06 5:36**
Client ID **SB41-12 (Archive)** Run ID **ICP7500_061214A** SeqNo **1015403** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	24 98	0 44	8 696	17 73	83 4	75-125	0			
Zinc	29	0 44	8 696	21 39	87 5	75-125	0			

ND - Not Detected at the Reporting Limit
- Analyte detected below quantitation limits
J - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0612219
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **21188** Instrument ID **ICP7500** Method **SW6020**

SD Sample ID **0612219-13A DIL** Units **mg/Kg** Analysis Date **12/15/06 5:13**

Client ID **SB41-12 (Archive)** Run ID **ICP7500_061214A** SeqNo **1015400** Prep Date DF **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	15 56	2.2	0	0	0	0-0	17 73	12 2	10	R
Zinc	27 33	2 2	0	0	0	0-0	21 39	27 7	10	R

The following samples were analyzed in this batch:

0612219-01A	0612219-02A	0612219-03A
0612219-04A	0612219-05A	0612219-06A
0612219-07A	0612219-08A	0612219-09A
0612219-10A	0612219-11A	0612219-12A
0612219-13A	0612219-14A	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0612219
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **21199** Instrument ID **ICP7500** Method **SW6020**

MBLK Sample ID **MBLKS2-121306** Units **mg/Kg** Analysis Date **12/19/06 12:47**

Client ID Run ID **ICP7500_061219A** SeqNo **1018228** Prep Date **12/13/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U	0 50								
Arsenic	U	0 50								
Barium	U	0 50								
Beryllium	U	0 50								
Cadmium	U	0 50								
Chromium	U	0 50								
Copper	U	0 50								
Lead	U	0 50								
Nickel	U	0 50								
Selenium	U	0 50								
Silver	U	0 50								
Thallium	U	0 50								
Zinc	0 2225	0 50								J

LCS Sample ID **MLCSS2-121306** Units **mg/Kg** Analysis Date **12/15/06 21:28**

Client ID Run ID **ICP7500_061215A** SeqNo **1016498** Prep Date **12/13/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	10 22	0 50	10	0	102	80-120	0			
Arsenic	9 641	0 50	10	0	96 4	80-120	0			
Barium	9 75	0 50	10	0	97 5	80-120	0			
Beryllium	9 3	0 50	10	0	93	80-120	0			
Cadmium	9 685	0 50	10	0	96 8	80-120	0			
Chromium	10 3	0 50	10	0	103	80-120	0			
Copper	9 703	0 50	10	0	97	80-120	0			
Lead	9 729	0 50	10	0	97 3	80-120	0			
Nickel	10 25	0 50	10	0	102	80-120	0			
Selenium	9 271	0 50	10	0	92 7	80-120	0			
Silver	9 442	0 50	10	0	94 4	80-120	0			
Thallium	8 81	0 50	10	0	88 1	80-120	0			
Zinc	10 1	0 50	10	0	101	80-120	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0612219
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **21199** Instrument ID **ICP7500** Method **SW6020**

MS Sample ID **0612219-26AMS** Units **mg/Kg** Analysis Date **12/16/06 0:37**

Client ID **SB58-12 DS-10** Run ID **ICP7500_061215A** SeqNo **1016523** Prep Date **12/13/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	1 985	0 45	8 929	0 1713	20 3	75-125	0			S
Arsenic	11 54	0 45	8 929	3 141	94	75-125	0			
Barium	244 4	0 45	8 929	187 6	636	75-125	0			SEO
Beryllium	8 445	0 45	8 929	0 7065	86 7	75-125	0			
Cadmium	8 946	0 45	8.929	0 4921	94 7	75-125	0			
Chromium	80 87	0 45	8 929	28.5	586	75-125	0			S
Copper	31 7	0 45	8 929	17 19	162	75-125	0			S
Lead	259.5	0 45	8 929	88 53	1910	75-125	0			SEO
Nickel	20 91	0 45	8 929	11 21	109	75-125	0			
Selenium	7 691	0 45	8 929	0.6304	79.1	75-125	0			
Silver	7 712	0 45	8 929	0	86 4	75-125	0			
Thallium	7 701	0 45	8 929	0 07866	85 4	75-125	0			
Zinc	255 5	0 45	8 929	150 1	1180	75-125	0			SEO

MSD Sample ID **0612219-26AMSD** Units **mg/Kg** Analysis Date **12/16/06 0:43**

Client ID **SB58-12 DS-10** Run ID **ICP7500_061215A** SeqNo **1016524** Prep Date **12/13/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	1 607	0 45	8 929	0 1713	16 1	75-125	1 985	21	25	S
Arsenic	11 15	0 45	8 929	3 141	89 7	75-125	11 54	3 38	25	
Barium	259 4	0 45	8 929	187 6	804	75-125	244 4	5 96	25	SEO
Beryllium	8 439	0 45	8 929	0 7065	86 6	75-125	8 445	0 0635	25	
Cadmium	8 869	0 45	8 929	0 4921	93 8	75-125	8 946	0 872	25	
Chromium	95 54	0 45	8 929	28 5	751	75-125	80 87	16 6	25	S
Copper	32 47	0 45	8 929	17 19	171	75-125	31 7	2 42	25	S
Lead	297 9	0 45	8 929	88.53	2350	75-125	259 5	13 8	25	SEO
Nickel	21 07	0 45	8 929	11 21	110	75-125	20 91	0 766	25	
Selenium	7 639	0 45	8 929	0 6304	78 5	75-125	7 691	0 676	25	
Silver	7 712	0 45	8 929	0	86 4	75-125	7 712	0 0116	25	
Thallium	7 712	0 45	8 929	0 07866	85 5	75-125	7 701	0 151	25	
Zinc	282 2	0 45	8 929	150 1	1480	75-125	255 5	9 93	25	SEO

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0612219
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **21199** Instrument ID **ICP7500** Method **SW6020**

DUP Sample ID **0612219-26ADUP** Units **mg/Kg** Analysis Date **12/19/06 12:53**
Client ID **SB58-12 DS-10** Run ID **ICP7500_061219A** SeqNo **1018229** Prep Date **12/13/2006** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0 2522	0 45	0	0	0	0-0	0	0	25	J
Arsenic	3 131	0 45	0	0	0	0-0	3 069	2 02	25	
Beryllium	0 7185	0 45	0	0	0	0-0	0 5912	19 4	25	
Cadmium	0 5304	0 45	0	0	0	0-0	0 4823	9 49	25	
Chromium	28 56	0 45	0	0	0	0-0	26 54	7 36	25	
Copper	17 46	0 45	0	0	0	0-0	16 66	4 71	25	
Lead	89 11	0 45	0	0	0	0-0	85 78	3 81	25	
Nickel	11 51	0 45	0	0	0	0-0	10 96	4 93	25	
Selenium	0 69	0 45	0	0	0	0-0	2 402	111	25	R
Silver	U	0 45	0	0	0	0-0	0	0	25	
Thallium	0 08723	0 45	0	0	0	0-0	0	0	25	J
Zinc	156 6	0 45	0	0	0	0-0	141 3	10 2	25	

DUP Sample ID **0612219-26ADUP** Units **mg/Kg** Analysis Date **12/19/06 12:58**
Client ID **SB58-12 DS-10** Run ID **ICP7500_061219A** SeqNo **1018230** Prep Date **12/13/2006** DF **10**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	197 9	4 5	0	0	0	0-0	179 1	9 99	25	

PDS Sample ID **0612219-26ABS** Units **mg/Kg** Analysis Date **12/16/06 0:49**
Client ID **SB58-12 DS-10** Run ID **ICP7500_061215A** SeqNo **1016525** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	9 027	0 45	8 929	0 1713	99 2	75-125	0			
Arsenic	11 53	0 45	8 929	3 141	93 9	75-125	0			
Beryllium	8 735	0 45	8 929	0 7065	89 9	75-125	0			
Cadmium	9	0 45	8 929	0 4921	95 3	75-125	0			
Chromium	36 35	0 45	8 929	28 5	87 9	75-125	0			
Copper	24 46	0 45	8 929	17 19	81 4	75-125	0			
Lead	94 46	0 45	8 929	88 53	66 5	75-125	0			SEO
Nickel	19 08	0 45	8 929	11 21	88 1	75-125	0			
Selenium	8 799	0 45	8 929	0 6304	91 5	75-125	0			
Silver	7 437	0 45	8 929	0 01487	83 1	75-125	0			
Thallium	8 129	0 45	8 929	0 07866	90 2	75-125	0			
Zinc	153 4	0 45	8 929	150 1	37	75-125	0			SEO

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0612219
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **21199** Instrument ID **ICP7500** Method **SW6020**

PDS Sample ID **0612219-26ABS** Units **mg/Kg** Analysis Date **12/18/06 18:32**
Client ID **SB58-12 DS-10** Run ID **ICP7500_061218A** SeqNo **1017818** Prep Date DF **10**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	259 9	4 5	89.29	179 1	90 5	75-125		0		

SD Sample ID **0612219-26A DIL** Units **mg/Kg** Analysis Date **12/16/06 0:31**
Client ID **SB58-12 DS-10** Run ID **ICP7500_061215A** SeqNo **1016522** Prep Date DF **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0 7411	2 2	0	0	0	0-0	0 1713	0	10	J
Arsenic	3 327	2 2	0	0	0	0-0	3 141	5 93	10	
Beryllium	0 8701	2 2	0	0	0	0-0	0 7065	0	10	J
Cadmium	0 5786	2 2	0	0	0	0-0	0 4921	0	10	J
Chromium	31 29	2.2	0	0	-0	0-0	28 5	9 81	10	
Copper	18 82	2.2	0	0	0	0-0	17 19	9 48	10	
Lead	96 47	2 2	0	0	0	0-0	88 53	8 98	10	
Nickel	12 5	2 2	0	0	0	0-0	11 21	11 5	10	R
Selenium	U	2 2	0	0	0	0-0	0 6304	0	10	
Silver	U	2.2	0	0	0	0-0	0 01487	0	10	
Thallium	U	2 2	0	0	0	0-0	0 07866	0	10	
Zinc	155 4	2 2	0	0	0	0-0	150 1	3 54	10	

SD Sample ID **0612219-26A DIL** Units **mg/Kg** Analysis Date **12/18/06 18:26**
Client ID **SB58-12 DS-10** Run ID **ICP7500_061218A** SeqNo **1017817** Prep Date DF **50**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	197 9	22	0	0	0	0-0	179 1	10 5	10	R

The following samples were analyzed in this batch:

0612219-15A	0612219-16A	0612219-17A
0612219-18A	0612219-19A	0612219-20A
0612219-21A	0612219-22A	0612219-23A
0612219-24A	0612219-25A	0612219-26A
0612219-27A	0612219-28A	

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0612219
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44942** Instrument ID **Balance1** Method **E160.3**

DUP Sample ID **0612219-09ADUP** Units **wt%** Analysis Date **12/14/06 0:00**
Client ID **SB38-12 DS8** Run ID **BALANCE1_061214M** SeqNo **1015848** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	19 2	0 010	0	0	0	0-0	19 79	3 03	20	

DUP Sample ID **0612275-02BDUP** Units **wt%** Analysis Date **12/14/06 0:00**
Client ID Run ID **BALANCE1_061214M** SeqNo **1015851** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	15 31	0 010	0	0	0	0-0	15 2	0 686	20	

The following samples were analyzed in this batch:

0612219-01A	0612219-02A	0612219-03A
0612219-04A	0612219-05A	0612219-06A
0612219-07A	0612219-08A	0612219-09A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0612219
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R44955** Instrument ID **Balance1** Method **E160.3**

DUP Sample ID **0612219-13ADUP** Units **wt%** Analysis Date **12/15/06 0:00**
Client ID **SB41-12 (Archive)** Run ID **BALANCE1_061215B** SeqNo **1016050** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	21.25	0 010	0	0	0	0-0	19 92	6 44	20	

DUP Sample ID **0612219-26ADUP** Units **wt%** Analysis Date **12/15/06 0:00**
Client ID **SB58-12 DS-10** Run ID **BALANCE1_061215B** SeqNo **1016063** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	21 5	0 010	0	0	0	0-0	21 05	2 08	20	

The following samples were analyzed in this batch:

0612219-10A	0612219-11A	0612219-12A
0612219-13A	0612219-14A	0612219-15A
0612219-16A	0612219-17A	0612219-18A
0612219-19A	0612219-20A	0612219-21A
0612219-22A	0612219-23A	0612219-24A
0612219-25A	0612219-26A	0612219-27A
0612219-28A		

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

Lynch, Patricia

From: Plitt, Jack [Jack_Plitt@golder com]
Sent: Tuesday, December 12, 2006 2:36 PM
To: Lynch, Patricia
Subject: Wylie Archive samples

Pat please run the following samples (standard turn around)

Sample ID	Date Collected	Analytes
First batch		
SB13-12	11/14/2006	LEAD+ ZINC
SB23-12	11/14/2006	LEAD
SB28-12	11/14/2006	LEAD
Sb29-12	11/14/2006	LEAD +MERCURY
SB30-12	11/14/2006	LEAD
SB31-12	11/14/2006	LEAD + MERCURY
SB32-12	11/14/2006	LEAD
SB36-12	11/14/2006	LEAD + MERCURY
SB38-12	11/14/2006	LEAD + MERCURY
SB39-12	11/14/2006	LEAD
SB40-12	11/14/2006	LEAD
SB41-12	11/14/2006	LEAD
SB38-12 DS8	11/14/2006	LEAD + MERCURY
SB41-12 MSS6	11/14/2006	LEAD + MERCURY
SB41-12 MDS6	11/14/2006	LEAD + MERCURY

Second Batch

SB43-12	11/15/2006	LEAD
SB44-12	11/15/2006	LEAD
SB46-12	11/15/2006	LEAD + ZINC
SB50-12	11/15/2006	LEAD + ZINC
SB56-12	11/15/2006	LEAD
SB58-12	11/15/2006	LEAD
SB59-12	11/15/2006	LEAD
SB60-12	11/16/2006	LEAD + ZINC
SB64-12	11/15/2006	LEAD
SB65-12	11/15/2006	LEAD + ZINC
SB66-12	11/15/2006	LEAD
SB68-12	11/15/2006	LEAD
SB72-24	11/15/2006	LEAD
Sb58-12 ds10	11/15/2006	LEAD + ZINC
SB59-12 MSS8	11/15/2006	LEAD + ZINC
SB59-12MDS8	11/15/2006	LEAD + ZINC

Jack Plitt, P G.
Senior Geologist
Golder Associates
500 Century Plaza Drive, Suite 190
Houston, TX 77073
(281) 821-6868
(281) 821-6870 fx

Lynch, Patricia

From: Plitt, Jack [Jack_Plitt@golder com]
Sent: Tuesday, December 05, 2006 10:35 AM
To: Lynch, Patricia
Subject: wylie

Pat,
I should have which archive samples to run later today Please run SB70-12 on batch 0611291 for metals The C of C was mistakenly marked hold on this sample.
Thanks

Jack Plitt, P.G.
Senior Geologist
Golder Associates
500 Century Plaza Drive, Suite 190
Houston, TX 77073
(281) 821-6868
(281) 821-6870 fx

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(Fax) 616 399 6185

e-Lab Project Manager:

e-Lab Work Order #: 0611272

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Plitt	Invoice Attn	Jack Plitt	D	~~5 Day~~ 7 Jan
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	
				F	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB10 06	11/14/06	1249	S	—	1		✓	✓								
2	↓ 12 (Archieve)	↓	1250	↓		1		✓	✓								✓
3	SB11 06		1258			1		✓	✓								
4	↓ 12 (Archieve)		1259			1		✓	✓								✓
5	SB12 06		1303			1		✓	✓								
6	↓ 12 (ARCHIVE)		1304			1		✓	✓								✓
7	SB13 06		1307			1		✓	✓								
8	↓ 12 (ARCHIVE)		1309			1		✓	✓								✓
9	SB14 06		1312			1		✓	✓								
10	12 (ARCHIVE)	↓	1313	↓		1		✓	✓								✓

Sampler(s) Please Print & Sign: JULIE UTLEY [signature]

Shipment Method: FED EX

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by: [signature] Date: 11/14/06 Time: 15:30

Relinquished by: Date: 11/15/06 Time: 10:00

Received by:

Received by (Laboratory): [signature]

Logged by (Laboratory): Date: Time:

Checked by (Laboratory):

Notes: 10 Day TAT

e-Lab Analytical Cooler ID	Cooler Temp.
1104	

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

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e-Lab Project Manager:

e-Lab Work Order #: 0d1272

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc	Bill To Company	Golder Associates, Inc	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	
				F	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB20-06	11/14/06		S	1338	1		✓	✓								
2	12 (ARCHIVE)				1339	1		✓	✓								✓
3	SB21-06				1340	1		✓	✓								
4	12 (ARCHIVE)				1341	1		✓	✓								✓
5	SB22-06				1347	1		✓	✓								
6	12 (ARCHIVE)				1348	1		✓	✓								✓
7	SB23-06				1350	1		✓	✓								
8	12 (ARCHIVE)				1351	1		✓	✓								✓
9	SB24-06 ~~E~~				1353	1		✓	✓								
10	12 (ARCHIVE)				1354	1		✓	✓								✓

Sampler(s) Please Print & Sign: [signature]

Shipment Method: FED EX

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by: [signature] Date: 11/14/06 Time: 17:30 Received by:

Relinquished by: Date: 11/15/06 Time: 10:00 Received by (Laboratory): [signature]

Logged by (Laboratory): Date: Time: Checked by (Laboratory):

Notes: 10 Day TAT

e-Lab Analytical Cooler ID: 1104

Cooler Temp:

QC Package: (Check One Box Below)
☐ Level II Std QC
☐ Level III Std QC/Raw Data
☐ Level IV SW846/CLP
☐ Other _____
☑ TRRP CheckList
☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

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Page 5 of 5

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Holland, Michigan 49424
(Tel) 616 399 6070
(Fax) 616 399 6185

e-Lab Project Manager:

e-Lab Work Order #: 61772

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	
				F	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB-27 06	11/14/06	1428	S		1		✓	✓								
2	12 (ARCHIVE)		1429			1		✓	✓								✓
3	SB 28 06		1431			1		✓	✓								
4	12 (ARCHIVE)		1432			1		✓	✓								✓
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: JULIE WILEY [signature]

Shipment Method: FEDEX

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by: [signature] Date: 11/14/06 Time: 17:30 Received by:

Relinquished by: Date: 11/15/06 Time: 10:00 Received by (Laboratory): [signature]

Logged by (Laboratory): Date: Time: Checked by (Laboratory):

Notes: 10 Day TAT.

e-Lab Analytical Cooler ID	Cooler Temp.
1104	

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

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Sample Receipt Checklist

Client Name GOLDER-HOU

Date/Time Received. 11/15/2006 10:00:00 AM

Work Order Number 0611272

Received by EBF

Checklist completed by [signature] Signature 11/15/06 Date

Reviewed by PLL Initials 11/16/06 Date

Matrix Soil

Carrier name FedEx

Shipping container cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s) Thermometer(s)	4.8,5.1,3.7,3.3,4.7c	002	
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐

Adjusted? Checked by

Login Notes

Client contacted Date contacted Person contacted

Contacted by Regarding

Comments

Corrective Action

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Chain of Custody Form

Page 1 of 4

061787

e-Lab Project Manager:

e-Lab Work Order #: 61127 RL

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	
				F	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB 29-06	11/14/06	1441	S		1		✓	✓								
2	12 (ARCHIVE)		1442			1		✓	✓								✓
3	SB30-06		1445			1		✓	✓								
4	12 (ARCHIVE)		1446			1		✓	✓								✓
5	SB31-06		1459			1		✓	✓								
6	12 (ARCHIVE)		1500			1		✓	✓								✓
7	SB32-06		1503			1		✓	✓								
8	12 (ARCHIVE)		1504			1		✓	✓								✓
9	SB33-06		1523			1		✓	✓								
10	12 (ARCHIVE)		1524			1		✓	✓								✓

Sampler(s) Please Print & Sign: JULIE VLUBY Julie Vluby

Shipment Method: FED EX

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by: Date: 11/14/06 Time: 17:30

Relinquished by: Date: 11/15/06 Time: 10.00

Received by:

Received by (Laboratory):

Notes: 10 Day TAT

Logged by (Laboratory): Date: Time:

Checked by (Laboratory):

e-Lab Analytical Cooler ID: 186

Cooler Temp.:

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

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Holland, Michigan 49424
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(Fax) 616 399 6185

061287

e-Lab Project Manager:

e-Lab Work Order #: ~~061272~~ RNS

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	
				F	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB34-06	11/14/06	1526	S		1		✓	✓								
2	↓ 12 (ARCHIVE)		1527			1		✓	✓								✓
3	SB35-06		1536			1		✓	✓								
4	↓ 12 (ARCHIVE)		1537			1		✓	✓								✓
5	SB36-06		1538			1		✓	✓								
6	↓ 12 (ARCHIVE)		1539			1		✓	✓								✓
7	SB37-06		1540			1		✓	✓								
8	↓ 12 (ARCHIVE)		1541			1		✓	✓								✓
9	SB38-06		1544			1		✓	✓								
10	↓ 12 (ARCHIVE		1545			1		✓	✓								✓

Sampler(s) Please Print & Sign: JULIE UTLEY [signature]

Shipment Method: FED EX

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by: [signature] Date: 11/14/06 Time: 17:30 Received by:

Relinquished by: Date: 11/15/06 Time: 10:00 Received by (Laboratory): [signature]

Logged by (Laboratory): Date: Time: Checked by (Laboratory):

Notes: 10 Day TAT.

e-Lab Analytical Cooler ID	Cooler Temp.
235	

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

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(Fax) 616.399 6185

0611287

e-Lab Project Manager:

e-Lab Work Order #: ~~0611272~~ AB

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Plitt	Invoice Attn	Jack Plitt	D	DS = duplicate sample
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	MS = Matrix spike
				F	MD = Matrix spike duplicate
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB38-06 DS-7	11/14/06	1544	S		1		✓	✓								
2	SB38-12 DS-8 (ARCHIVE)		1545			1		✓	✓								✓
3	SB39-06		1547			1		✓	✓								
4	↓ 12 (ARCHIVE)		1548			1		✓	✓								✓
5	SB40-06		1550			1		✓	✓								
6	↓ 12 (ARCHIVE)		1551			1		✓	✓								✓
7	SB41-06		1554			1		✓	✓								
8	↓ 12 (ARCHIVE)		1556			1		✓	✓								✓
9	SB41-06 MS-55		1554			1		✓	✓								
10	↓ MD-~~SE~~ 55		1554			1		✓	✓								✓

Sampler(s) Please Print & Sign: Julie Utley [signature]

Shipment Method: FED Ex

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 6 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by: [signature] Date: 11/14/06 Time: 17:30 Received by:

Relinquished by: Date: 11/15/06 Time: 10:00 Received by (Laboratory): [signature]

Logged by (Laboratory): Date: Time: Checked by (Laboratory):

Notes: 10 Day TAT

e-Lab Analytical Cooler ID	Cooler Temp.
235	

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

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Holland, Michigan 49424
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(Fax) 616 399 6185

D61287

e-Lab Project Manager:

e-Lab Work Order #: 10011272 RNG

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	MS = matrix spike
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	MD = matrix spike duplicate
				F	RS = rinsate sample
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB41-12 MS-S6	11/14/06	1556	S		1		✓	✓								✓
2	↓ MD-S6	↓	1556	↓		1		✓	✓								✓
3	RS1	↓	1600	W	HCL	4	✓	✓									
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: Julie Utley [signature]

Shipment Method: FED EX

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by	Date	Time	Received by:
[signature]	11/14/06	17:30	
Relinquished by	Date: 11/15/06	Time 18:00	Received by (Laboratory):
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):

Notes: 10 Day TAT

e-Lab Analytical Cooler ID: 335

Cooler Temp.:

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
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Sample Receipt Checklist

Client Name GOLDER-HOU

Date/Time Received. 11/15/2006 10:00:00 AM

Work Order Number 0611287

Received by EBF

Checklist completed by [signature] 11/16/06 (Date)

Reviewed by [initials] 11/17/06 (Date)

Matrix Soil/Water

Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s)	4.8,5.1,3.7,3.3,4.7c 0.2		
Water VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐

Adjusted? Checked by [initials]

Login Notes Received four sets of trip blanks, logged in without analysis

Client contacted Date contacted Person contacted

Contacted by Regarding

Comments

Corrective Action

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10450 Stancliff Rd #210
Houston, Texas 77099
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(Fax) 281 530 5887

Chain of Custody Form

3352 128th Avenue
Holland, Michigan 49424
(Tel) 616 399 6070
(Fax) 616 399.6185

e-Lab Project Manager:

e-Lab Work Order #: 61291

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Plitt	Invoice Attn	Jack Plitt	D	IN 2 ICE CHESTS
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	
				F	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB62-06	11/15/06	1005	S		1		✓	✓								
2	↓ 12 (ARCHIVE)	↓	1006	↓		1		✓	✓								✓
3	SB63-06		1009			1		✓	✓								
4	↓ 12 (ARCHIVE)		1010			1		✓	✓								✓
5	SB64-06		1012			1		✓	✓								
6	12 (ARCHIVE)		1013			1		✓	✓								✓
7	SB65-06		1016			1		✓	✓								
8	12 (ARCHIVE)		1017			1		✓	✓								✓
9	SB66-06		1019			1		✓	✓								
10	12 (ARCHIVE)	↓	1020	↓		1		✓	✓								✓

Sampler(s) Please Print & Sign: JULIE WILEY [signature]

Shipment Method: FED EX

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by: [signature] Date: 11/15/06 Time: 1630 Received by:

Relinquished by: Date: Time: Received by (Laboratory): [signature] 11/16/06 09:10

Logged by (Laboratory): Date: Time: Checked by (Laboratory):

Notes: 10 Day TAT

e-Lab Analytical Cooler ID | Cooler Temp.

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note 1 Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
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Chain Custody Form

3352 128th Avenue
Holland, Michigan 49424
(Tel) 616 399 6070
(Fax) 616 399 6185

e-Lab Project Manager:

e-Lab Work Order #: 061291

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Plitt	Invoice Attn	Jack Plitt	D	IN 2 ICE CHESTS
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	
				F	5 DAY TAT on VOCs
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB67-06	11/15/06	1030	S		1		✓	✓								
2	↓ 12 (Archieve)		1031			1		✓	✓								✓
3	SB68-06		1034			1		✓	✓								
4	↓ 12 (Archieve)		1035			1		✓	✓								✓
5	SB69-06		1240			1		✓	✓								
6	12		1242			1		✓	✓								
7	18		1244			5	✓	✓	✓								
8	24 (Archieve)		1246			5	✓	✓	✓								✓
9	SB70-06		1302			1		✓	✓								
10	12		1303			1		✓	✓								✓

Sampler(s) Please Print & Sign: JUNE UTLEY [signature]

Shipment Method: FED EX

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by: [signature] Date: 11/15/06 Time: 1630

Relinquished by: Date: Time:

Received by: Received by (Laboratory): [signature] 11/16/06 09:10

Logged by (Laboratory): Date: Time:

Checked by (Laboratory):

Notes: 10 Day TAT.

e-Lab Analytical Cooler ID	Cooler Temp.

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1 Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc
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Chain of Custody Form

Page 4 of 4

e-Lab Project Manager:

e-Lab Work Order #: 6129

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	IN 2 ICE CHESTS
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	
				F	MS = matrix spike
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	MD = Matrix Spike duplicate
Phone	(281) 821-6868	Phone	(281) 821-6869	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	5-DAY TAT ON VOCS
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Prsv.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB72-12	11/15/06	1334	S		1		✓	✓								
2	SB72-~~12~~ MS-S9		1332			1		✓	✓								
3	↓ MD-S9		1332			1		✓	✓								
4	SB72-18		1335			5	✓	✓	✓								
5	SB72-18 MS-S10		1335			4	✓										
6	↓ MD-S10		1335			4	✓										
7	SB72-24 (ARCHIVE)		1342			5	✓	✓	✓								✓
8	~~SB72-24 MS S11 (ARCHIVE)~~					4	✓										✓
9	~~SB72-24 MD-S11 (ARCHIVE)~~					1	✓										✓
10																	

Sampler(s) Please Print & Sign: Jack Pitt

Shipment Method: Fed Ex

Required Turnaround Time: (Check Box) ☑ Std 10 Wk Days ☐ 5 Wk Days ☐ Other ☐ 2 Wk Days ☐ 24 Hour

Results Due Date:

Relinquished by: Jack Pitt — Date: 11/15/06 — Time: 1630

Relinquished by:

Received by:

Received by (Laboratory): 11/16/06 09:15

Notes: 10 Day TAT.

Logged by (Laboratory):

Date:

Time:

Checked by (Laboratory):

e-Lab Analytical Cooler ID	Cooler Temp.

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.

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Sample Receipt Checklist

Client Name GOLDER-HOU | Date/Time Received 11/16/2006 9:10:00 AM

Work Order Number 0611291 | Received by RNG

Checklist completed by [signature] 11/16/06 (Signature / Date) | Reviewed by PLL 11/17/06 (Initials / Date)

Matrix Soil | Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s)	2.2,3 1,2.4,2 1,3.4c; 002		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑

Adjusted? | Checked by

Login Notes: Received one se: of trip blanks not on COC, logged in without analysis. Analyses not specified on COC for Samples SB-71-06, SB71-12 + SB71-18. Assigned based on bottles received

Client contacted | Date contacted | Person contacted

Contacted by | Regarding

Comments

Corrective Action

e-Lab
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Chain of Custody Form

Page 1 of 5

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Holland, Michigan 49424
(Tel) 616 399 6070
(Fax) 616 399 6185

e-Lab Project Manager:

e-Lab Work Order #: 161315

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc	C	Moisture
Send Report To	Jack Pilt	Invoice Attn	Jack Pilt	D	
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	X
				F	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB42-06	11/15/06	834	S		1		✓	✓								
2	↓ 12	↓	835	↓		1		✓	✓								✓
3	SB43-06		836			1		✓	✓								
4	↓ 12		837			1		✓	✓								✓
5	SB44-06		838			1		✓	✓								
6	↓ 12		839			1		✓	✓								✓
7	SB45-06		842			1		✓	✓								
8	↓ 12		843			1		✓	✓								✓
9	SB46-06		844			1		✓	✓								
10	↓ 12	↓	845	↓		1		✓	✓								✓

Sampler(s) Please Print & Sign: Jane Wiley [signature]

Shipment Method: FEDEX

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by: [signature] Date: 11/15/06 Time: 1630 Received by:

Relinquished by: Date: Time: Received by (Laboratory): [signature] 11/16/06 09:10

Logged by (Laboratory): Date: Time: Checked by (Laboratory):

Notes: 10 Day TAT.

e-Lab Analytical Cooler ID	Cooler Temp.

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1 Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
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Chain of Custody Form

3352 128th Avenue
Holland, Michigan 49424
(Tel) 616.399 6070
(Fax) 616 399 6185

e-Lab Project Manager:

e-Lab Work Order #: 161315

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc	Bill To Company	Golder Associates, Inc	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	
				F	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB47-06	11/15/06	846	S		1		✓	✓								
2	↓ 12		847			1		✓	✓								✓
3	SB48-06		850			1		✓	✓								
4	↓ 12		852			1		✓	✓								✓
5	SB49-06		854			1		✓	✓								
6	↓ 12		855			1		✓	✓								✓
7	SB50-06		858			1		✓	✓								
8	↓ 12		859			1		✓	✓								✓
9	SB51-06		901			1		✓	✓								
10	↓ 12		902			1		✓	✓								✓

Sampler(s) Please Print & Sign: Julie Utley [signature]

Shipment Method: FedEx

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by: [signature] Date: 11/15/06 Time: 1630

Received by:

Relinquished by: Date: Time:

Received by (Laboratory): [signature] 11/16/06 10:11

Logged by (Laboratory): Date: Time:

Checked by (Laboratory):

Notes: 10 Day TAT

e-Lab Analytical Cooler ID	Cooler Temp.

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical Inc.
2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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Holland, Michigan 49424
(Tel) 616 399 6070
(Fax) 616 399 6185

e-Lab Project Manager:

e-Lab Work Order #: 0613 5

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Pitt	Invoice Attn	Jack Pitt	D	MS = Matrix spike
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	MD = Matrix spike duplicate
				F	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB59-12 MS-S8	11/15/06	951	S		1		✓	✓								
2	SB59-12 MD-S8		951			1		✓	✓								✓
3	SB60-06		959			1		✓	✓								
4	12		1000			1		✓	✓								✓
5	SB61-06		1002			1		✓	✓								
6	12		1003			1		✓	✓								✓
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: [signature]

Shipment Method: FedEx

Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by: [signature] Date: 11/15/06 Time: 1630

Relinquished by: Date: Time:

Received by: Received by (Laboratory): [signature] 11/16/06 07:10

Notes: 10 Day TAT.

Logged by (Laboratory): Date: Time: Checked by (Laboratory):

e-Lab Analytical Cooler ID | Cooler Temp.

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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Sample Receipt Checklist

Client Name GOLDER-HOU

Date/Time Received 11/16/2006 9:10:00 AM

Work Order Number 0611315

Received by RNG

Checklist completed by [signature] Date 11/17/06

Reviewed by PLL Initials 11/18/06 Date

Matrix Soil

Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s) Thermometer(s)	2.2,3.1,2.4,2.1,3.4c 002		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
[illegible] receipt?	Yes	No	N/A ☑

Adjusted? Checked by

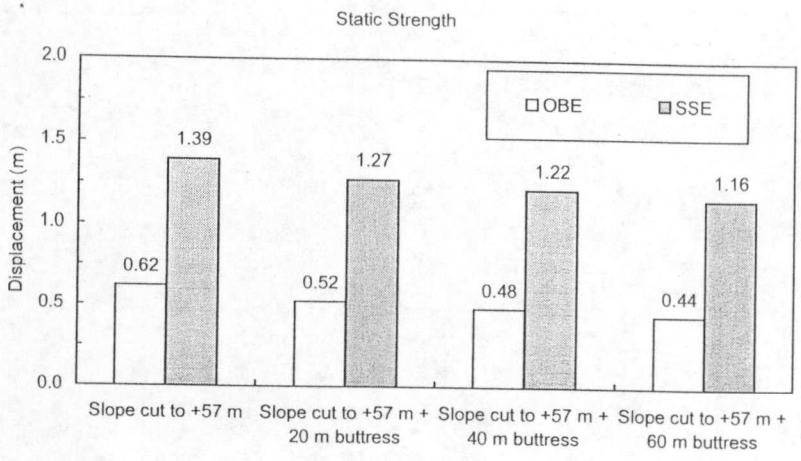
Login Notes Trip blank logged in without analysis

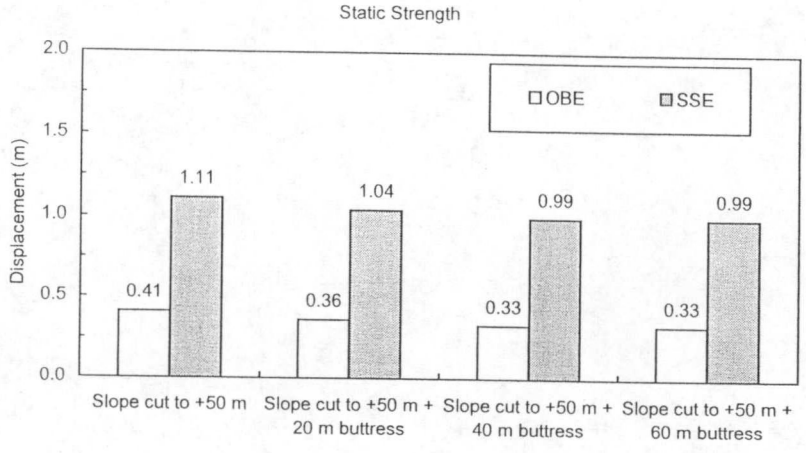
Client contacted Date contacted Person contacted

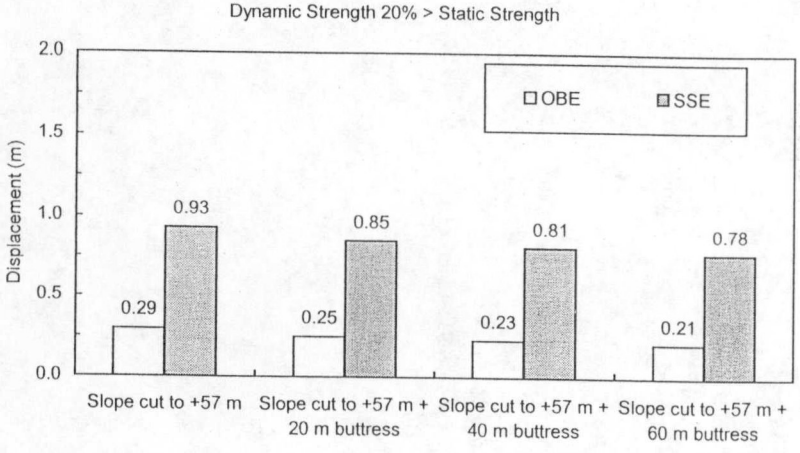
Contacted by Regarding:

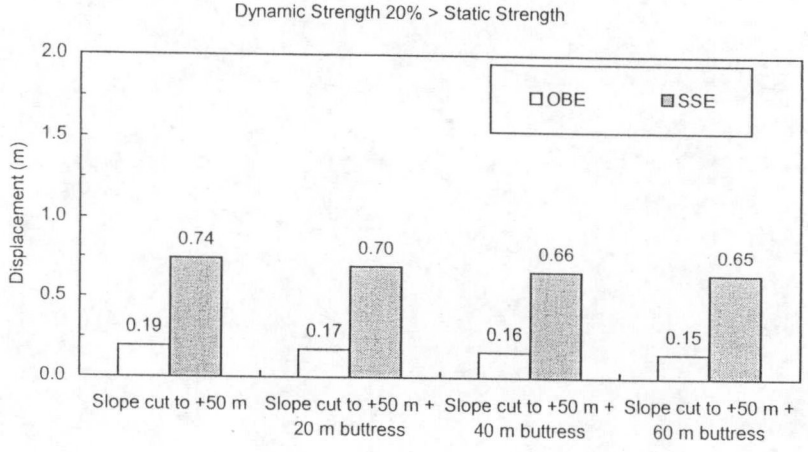
Comments

Corrective Action


Static Strength
OBE
SSE
Displacement (m)
2.0
1.5
1.0
0.5
0.0
0.62
1.39
0.52
1.27
0.48
1.22
0.44
1.16
Slope cut to +57 m
Slope cut to +57 m + 20 m buttress
Slope cut to +57 m + 40 m buttress
Slope cut to +57 m + 60 m buttress


Static Strength
OBE
SSE
Displacement (m)
2.0
1.5
1.0
0.5
0.0
0.41
1.11
0.36
1.04
0.33
0.99
0.33
0.99
Slope cut to +50 m
Slope cut to +50 m + 20 m buttress
Slope cut to +50 m + 40 m buttress
Slope cut to +50 m + 60 m buttress


Dynamic Strength 20% > Static Strength
OBE
SSE
Displacement (m)
2.0
1.5
1.0
0.5
0.0
0.29
0.93
0.25
0.85
0.23
0.81
0.21
0.78
Slope cut to +57 m
Slope cut to +57 m + 20 m buttress
Slope cut to +57 m + 40 m buttress
Slope cut to +57 m + 60 m buttress


Dynamic Strength 20% > Static Strength
OBE
SSE
Displacement (m)
2.0
1.5
1.0
0.5
0.0
0.19
0.74
0.17
0.70
0.16
0.66
0.15
0.65
Slope cut to +50 m
Slope cut to +50 m + 20 m buttress
Slope cut to +50 m + 40 m buttress
Slope cut to +50 m + 60 m buttress

e-Lab Analytical, Inc.

10450 Stancliff Rd, Suite 210 Houston, Texas 77099-4338 (281) 530-5656 Fax (281) 530-5887

January 05, 2007

Jack Plitt
Golder Associates, Inc.
500 Century Plaza Drive Suite 190
Houston, TX 77073

Tel: (281) 821-6868
Fax: (281) 821-6870

Re: CRI-Superfund Wiley, Texas Work Order : **0701017**

Dear Jack Plitt,

e-Lab Analytical, Inc. received 1 sample on 11/16/2006 9:10:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by e-Lab Analytical, Inc. and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by e-Lab Analytical, Inc. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 20.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Patricia L. Lynch

Electronically approved by: Odette E. Elliston

Patricia L. Lynch
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac
Certificate No T104704231-06-TX

e-Lab Analytical, Inc. **Date:** *January 05, 2007*

CLIENT:	Golder Associates, Inc.
Project:	CRI-Superfund Wiley, Texas
Work Order:	0701017

TRRP Laboratory Data Package Cover Page

This data package consists of all or some of the following as applicable:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation:

R2 Sample identification cross-reference

R3 Test reports (analytical data sheets) for each environmental sample that includes:
- a) Items consistent with NELAC 5.13 or ISO/IEC 17025 Section 5.10
- b) dilution factors,
- c) preparation methods,
- d) cleanup methods, and
- e) if required for the project, tentatively identified compounds (TICs).

R4 Surrogate recovery data including:
- a) Calculated recovery (%R), and
- b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms for laboratory control samples (LCSs) including:
- a) LCS spiking amounts,
- b) Calculated %R for each analyte, and
- c)The laboratory's LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
- a) Samples associated with the MS/MSD clearly identified,
- b) MS/MSD spiking amounts,
- c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
- d) Calculated %Rs and relative percent differences (RPDs), and
- e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) recovery and precision:
- a) the amount of analyte measured in the duplicate,
- b) the calculated RPD, and
- c) the laboratory's QC limits for analytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;?

R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release Statement I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exception reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratory in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data

Check, if applicable: [NA] This laboratory is an in-house laboratory controlled by the person responding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Patricia L. Lynch

Patricia L. Lynch

Project Manager

Laboratory Review Checklist: Reportable Data

Laboratory Name: e-Lab Analytical, Inc	LRC Date: 01/05/2007
Project Name CRI Superfund Wiley	Laboratory Job Number: 0701017
Reviewer Name: Patricia L Lynch	Prep Batch Number(s): 21480 and R45546

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**CHAIN-OF-CUSTODY (C-O-C)**					
		1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		2) Were all departures from standard conditions described in an exception report?	X				
R2	OI	**SAMPLE AND QUALITY CONTROL (QC) IDENTIFICATION**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**TEST REPORTS**					
		1) Were all samples prepared and analyzed within holding times?	X				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample quantitation limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	X				
		7) Was % moisture (or solids) reported for all soil and sediment samples?	X				
		8) If required for the project, TICs reported?			X		
R4	O	**SURROGATE RECOVERY DATA**					
		1) Were surrogates added prior to extraction?			X		
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?			X		
R5	OI	**TEST REPORTS/SUMMMARY FORMS FOR BLANK SAMPLES**					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?	X				
R6	OI	**LABORATORY CONTROL SAMPLES (LCS):**					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	X				
		6) Was the LCSD RPD within QC limits?			X		
R7	OI	**MATRIX SPIKE (MS) AND MATRIX SPIKE DUPLICATE (MSD) DATA**					
		1) Were the project/method specified analytes included in the MS and MSD?	X				
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			1
		4) Were MS/MSD RPDs within laboratory QC limits?		X			2
R8	OI	**ANALYTICAL DUPLICATE DATA**					
		1) Were appropriate analytical duplicates analyzed for each matrix?	X				
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?		X			3
R9	OI	**METHOD QUANTITATION LIMITS (MQLS):**					
		1) Are the MQLs for each method analyte listed and included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs included in the laboratory data package?	X				
R10	OI	**OTHER PROBLEMS/ANOMALIES**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		2) Were all necessary corrective actions performed for the reported data?	X				
		3) If requested, is the justification for elevated SQLs documented?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted in o the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period

2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable),

3 NA = Not applicable,

4 NR = Not Reviewed,

5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked)

Laboratory Review Checklist: Supporting Data

Laboratory Name. e-lab Analytical, Inc	LRC Date. 01/05/2007
Project Name: CRI Superfund Wiley	Laboratory Job Number: 0701017
Reviewer Name· Patricia L Lynch	Prep Batch Number(s) 21480 and R45546

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**INITIAL CALIBRATION (ICAL)**					
		1) Were response factors (RFs) and/or relative response factors (RRFs) for each analyte within the QC limits?	X				
		2) Were percent RSDs or correlation coefficient criteria met?	X				
		3) Was the number of standards recommended in the method used for all analytes?	X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		5) Are ICAL data available for all instruments used?	X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**INITIAL AND CONTINUING CALIBRATION VERIFICATION (ICCV AND CCV) AND**					
		1) Was the CCV analyzed at the method-required frequency?	X				
		2) Were percent differences for each analyte within the method-required QC limits?	X				
		3) Was the ICAL curve verified for each analyte?	X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**MASS SPECTRAL TUNING:**					
		1) Was the appropriate compound for the method used for tuning?	X				
		2) Were ion abundance data within the method-required QC limits?			X		
S4	O	**INTERNAL STANDARDS (IS):**					
		Were IS area counts and retention times within the method-required QC limits?			X		
S5	OI	**RAW DATA (NELAC SECTION 1 APPENDIX A GLOSSARY, AND SECTION 5.12 OR**					
		1) Were the raw data (e g., chromatograms, spectral data) reviewed by an analyst?	X				
		2) Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**DUAL COLUMN CONFIRMATION**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**TENTATIVELY IDENTIFIED COMPOUNDS (TICS):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**INTERFERENCE CHECK SAMPLE (ICS) RESULTS:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**SERIAL DILUTIONS, POST DIGESTION SPIKES, AND METHOD OF STANDARD**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	**PROFICIENCY TEST REPORTS:**					
		Are proficiency testing or inter-laboratory comparison results on file?	X				
S11	OI	**METHOD DETECTION LIMIT (MDL) STUDIES**					
		1) Was a MDL study performed for each reported analyte?	X				
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S12	OI	**STANDARDS DOCUMENTATION**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**COMPOUND/ANALYTE IDENTIFICATION PROCEDURES**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**DEMONSTRATION OF ANALYST COMPETENCY (DOC)**					
		1) Was DOC conducted consistent with NELAC 5C or ISO/IEC 4.2.2?	X				
		2) Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**VERIFICATION/VALIDATION DOCUMENTATION FOR METHODS**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable, (NELAC 5.10.2 or ISO/IEC 17025 Section 5.4.5)?	X				
S16	OI	**LABORATORY STANDARD OPERATING PROCEDURES (SOPS):**					
		Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s) Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period
2 O = organic analyses, I = inorganic analyses (and general chemistry, when applicable)
3 NA = Not applicable
4 NR = Not Reviewed
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked)

Laboratory Review Checklist: Exception Report		
Laboratory Name e-Lab Analytical, Inc		LRC Date· 01/05/2007
Project Name CRI Superfund Wiley		Laboratory Job Number: 0701017
Reviewer Name: Patricia L. Lynch		Prep Batch Number(s). 21480 and R45546
ER #[1]	**DESCRIPTION**	
1	Batch 21480 Lead MS/MSD is an unrelated sample.	
2	Batch 21480 Lead MS/MSD is an unrelated sample.	
3	Batch 21480 Lead Duplicate is an unrelated sample.	

1 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

e-Lab Analytical, Inc.

Date: *January 05, 2007*

CLIENT: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas
Work Order: 0701017

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
0701017-01	SB52-12	Soil	0611315-22	11/15/2006 08:50	11/16/2006 09:10	☐

e-Lab Analytical, Inc.

Date: *January 05, 2007*

CLIENT:	Golder Associates, Inc.	**Client Sample ID:**	SB52-12
Work Order:	0701017	**Collection Date:**	11/15/2006 8:50:00 AM
Project:	CRI-Superfund Wiley, Texas		
Lab ID:	0701017-01	**Matrix:**	SOIL

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
ICP METALS		Method: **SW6020**			Prep SW3050A / 1/3/07		Analyst. **SA**
Lead	**219**		**0.10**	**0.557**	**mg/Kg-dry**	1	1/3/2007
PERCENT MOISTURE		Method: **E160.3**					Analyst **MAM**
Percent Moisture	**19.1**		**0.010**	**0.0100**	**wt%**	1	1/3/2007

Qualifiers:

- U - Analyzed for but Not Detected
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- P - Dual Column results RPD > 40%
- E - Value above quantitation range
- H - Analyzed outside of Hold Time

Lab Order: 0701017
Client: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	BatchID	Analysis Date
0701017-01A	SB52-12	11/15/2006 8 50 00 AM	Soil	ICP Metals		1/3/2007	21480	1/3/2007
				Percent Moisture			R45546	1/3/2007

e-Lab Analytical, Inc.

Date: Jan 05, 2007

Test Code: ICP_S_Low
Test Number: SW6020
Test Name: ICP Metals
Matrix: Solid **Units:** mg/Kg

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Lead	7439-92-1	0 09	0.5

e-Lab Analytical, Inc.

Date: Jan 05, 2007

Test Code: MOISTURE
Test Number: E160.3
Test Name: Percent Moisture
Matrix: Soil **Units:** wt%

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Percent Moisture	MOIST	0.01	0.01

e-Lab Analytical, Inc.

CLIENT: Golder Associates, Inc.
Work Order: 0701017
Project: CRI-Superfund Wiley, Texas

Date: *Jan 05 2007*

QC BATCH REPORT

Batch ID **21480** Instrument ID **ICP7500** Method **SW6020**

MBLK Sample ID **MBLKS1-010307** Units **mg/Kg** Analysis Date **01/03/07 20:20**
Client ID Run ID **ICP7500_070103A** SeqNo **1028286** Prep Date **1/3/2007** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	U	0 50								

LCS Sample ID **MLCSS1-010307** Units **mg/Kg** Analysis Date **01/03/07 15:59**
Client ID Run ID **ICP7500_070103A** SeqNo **1027922** Prep Date **1/3/2007** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	9 722	0 50	10	0	97 2	80-120		0		

MS Sample ID **0701021-04AMS** Units **mg/Kg** Analysis Date **01/03/07 17:15**
Client ID Run ID **ICP7500_070103A** SeqNo **1027947** Prep Date **1/3/2007** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	315 7	0 44	8 772	245 4	801	75-125		0		SEO

MSD Sample ID **0701021-04AMSD** Units **mg/Kg** Analysis Date **01/03/07 17:21**
Client ID Run ID **ICP7500_070103A** SeqNo **1027948** Prep Date **1/3/2007** DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	138 4	0 44	8 772	245 4	-1220	75-125	315 7	78 1	25	SREO

DUP Sample ID **0701021-04ADUP** Units **mg/Kg** Analysis Date **01/04/07 12:46**
Client ID Run ID **ICP7500_070104A** SeqNo **1028420** Prep Date **1/3/2007** DF **10**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	207 7	4 4	0	0	0	0-0	269	25 7	25	R

PDS Sample ID **0701021-04ABS** Units **mg/Kg** Analysis Date **01/04/07 12:53**
Client ID Run ID **ICP7500_070104A** SeqNo **1028421** Prep Date DF **10**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	351 1	4 4	87 72	269	93 5	75-125		0		

ND - Not Detected at the Reporting Limit
Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc.
Work Order: 0701017
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **21480** Instrument ID **ICP7500** Method **SW6020**

SD Sample ID **0701021-04A DIL** Units **mg/Kg** Analysis Date **01/04/07 12:59**

Client ID Run ID **ICP7500_070104A** SeqNo **1028422** Prep Date DF **50**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	273 7	22	0	0	0	0-0	269	1 74	10	

The following samples were analyzed in this batch: 0701017-01A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Golder Associates, Inc
Work Order: 0701017
Project: CRI-Superfund Wiley, Texas

QC BATCH REPORT

Batch ID **R45546** Instrument ID **Balance1** Method **E160.3**

DUP Sample ID **0612422-02ADUP** Units **wt%** Analysis Date **01/03/07 0:00**

Client ID Run ID **BALANCE1_070103A** SeqNo **1028141** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	16 76	0 010	0	0	0	0-0	15 71	6 47	20	

DUP Sample ID **0701017-01ADUP** Units **wt%** Analysis Date **01/03/07 0:00**

Client ID **SB52-12** Run ID **BALANCE1_070103A** SeqNo **1028147** Prep Date DF **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	17 73	0 010	0	0	0	0-0	19 1	7 44	20	

The following samples were analyzed in this batch: 0701017-01A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

WO.# ~~701~~ 0701017

Lynch, Patricia

From: Plitt, Jack [Jack_Plitt@golder.com]
Sent: Tuesday, January 02, 2007 2:31 PM
To: Lynch, Patricia
Subject: Wylie

Pat,
Can you run the following Wylie samples for RCRA 8 Metals TCLP with standard TAT:

SB01-06 collected 11/14/2006 | 611269-01
SB09-06 collected 11/14/2006 | 611271-13
SB83-06 collected 11/16/2006 | 611317-13

Also need to run sample SB52-12 (collected 11/15/2006) for lead, need a 5-day TAT. (total Pb)
611315-22

Let me know if you have any questions.
Thanks

Jack Plitt, P.G.
Senior Geologist
Golder Associates
500 Century Plaza Drive, Suite 190
Houston, TX 77073
(281) 821-6868
(281) 821-6870 fx

W.O.# 0701017

e-Lab Analytical, Inc.

Date: *January 02, 2007*

CLIENT: Golder Associates, Inc.
Project: CRI-Superfund Wiley, Texas
Work Order: 0611315

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
0611315-01	SB42-06	Soil		11/15/2006 08:34	11/16/2006 09:10	☐
0611315-02	SB42-12	Soil		11/15/2006 08:35	11/16/2006 09:10	☐
0611315-03	SB43-06	Soil		11/15/2006 08:36	11/16/2006 09:10	☐
0611315-04	SB43-12	Soil		11/15/2006 08:37	11/16/2006 09:10	☐
0611315-05	SB46-06	Soil		11/15/2006 08:38	11/16/2006 09:10	☐
0611315-06	SB44-12	Soil		11/15/2006 08:39	11/16/2006 09:10	☐
0611315-07	SB45-06	Soil		11/15/2006 08:42	11/16/2006 09:10	☐
0611315-08	SB45-12	Soil		11/15/2006 08:43	11/16/2006 09:10	☐
0611315-09	SB46-06	Soil		11/15/2006 08:44	11/16/2006 09:10	☐
0611315-10	SB46-12	Soil		11/15/2006 08:45	11/16/2006 09:10	☐
0611315-11	SB47-06	Soil		11/15/2006 08:46	11/16/2006 09:10	☐
0611315-12	SB47-12	Soil		11/15/2006 08:47	11/16/2006 09:10	☐
0611315-13	SB48-06	Soil		11/15/2006 08:50	11/16/2006 09:10	☐
0611315-14	SB48-12	Soil		11/15/2006 08:52	11/16/2006 09:10	☐
0611315-15	SB49-06	Soil		11/15/2006 08:54	11/16/2006 09:10	☐
0611315-16	SB49-12	Soil		11/15/2006 08:55	11/16/2006 09:10	☐
0611315-17	SB50-06	Soil		11/15/2006 08:58	11/16/2006 09:10	☐
0611315-18	SB50-12	Soil		11/15/2006 08:59	11/16/2006 09:10	☐
0611315-19	SB51-06	Soil		11/15/2006 09:01	11/16/2006 09:10	☐
0611315-20	SB51-12	Soil		11/15/2006 09:02	11/16/2006 09:10	☐
0611315-21	SB52-06	Soil		11/15/2006 09:15	11/16/2006 09:10	☐
0611315-22	SB52-12	Soil		11/15/2006 09:17	11/16/2006 09:10	☐
0611315-23	SB53-06	Soil		11/15/2006 09:20	11/16/2006 09:10	☐
0611315-24	SB53-12	Soil		11/15/2006 09:22	11/16/2006 09:10	☐
0611315-25	SB54-06	Soil		11/15/2006 09:25	11/16/2006 09:10	☐
0611315-26	SB54-12	Soil		11/15/2006 09:27	11/16/2006 09:10	☐
0611315-27	SB55-06	Soil		11/15/2006 09:30	11/16/2006 09:10	☐
0611315-28	SB55-12	Soil		11/15/2006 09:32	11/16/2006 09:10	☐
0611315-29	SB56-06	Soil		11/15/2006 09:34	11/16/2006 09:10	☐
0611315-30	SB56-12	Soil		11/15/2006 09:35	11/16/2006 09:10	☐
0611315-31	SB57-06	Soil		11/15/2006 09:36	11/16/2006 09:10	☐
0611315-32	SB57-12	Soil		11/15/2006 09:37	11/16/2006 09:10	☐
0611315-33	SB58-06	Soil		11/15/2006 09:42	11/16/2006 09:10	☐
0611315-34	SB58-12	Soil		11/15/2006 09:43	11/16/2006 09:10	☐
0611315-35	SB58-06 DS-9	Soil		11/15/2006 09:42	11/16/2006 09:10	☐
0611315-36	SB58-12 DS-10	Soil		11/15/2006 09:43	11/16/2006 09:10	☐
0611315-37	SB59-06	Soil		11/15/2006 09:49	11/16/2006 09:10	☐
0611315-38	SB59-12	Soil		11/15/2006 09:51	11/16/2006 09:10	☐
0611315-39	SB60-06	Soil		11/15/2006 09:59	11/16/2006 09:10	☐
0611315-40	SB60-12	Soil		11/15/2006 10:00	11/16/2006 09:10	☐

e-Lab Analytical
QUALITY • INTEGRITY • SERVICE

Houston, Texas 77099
(Tel) 281.530.5656
(Fax) 281.530.5887

JAY

Page 3 of 5

Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616 399 6185

e-Lab Project Manager: | e-Lab Work Order #: 611315

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Wiley, TX	A	VOC (8260) TCL
Work Order		Project Number		B	Total Metals (6020) PPL
Company Name	Golder Associates, Inc.	Bill To Company	Golder Associates, Inc.	C	Moisture
Send Report To	Jack Plitt	Invoice Attn	Jack Plitt	D	
Address	500 Century Plaza Drive Suite 190	Address	500 Century Plaza Drive Suite 190	E	
				F	
City/State/Zip	Houston, TX 77073	City/State/Zip	Houston, TX 77073	G	
Phone	(281) 821-6868	Phone	(281) 821-6868	H	
Fax	(281) 821-6870	Fax	(281) 821-6870	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SB52-06	11/15/06	915	S		1		✓	✓								
2	-12		917			1		✓	✓								✓
3	SB53-06		920			1		✓	✓								
4	-12		922			1		✓	✓								✓
5	SB54-06		925			1		✓	✓								
6	-12		9:27			1		✓	✓								✓
7	SB55-06		9:30			1		✓	✓								
8	-12		932			1		✓	✓								✓
9	SB56-06		934			1		✓	✓								
10	12		935			1		✓	✓								✓

Sampler(s) Please Print & Sign: [signature] | Shipment Method: FEDEX | Required Turnaround Time: (Check Box) ☑ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour | Results Due Date:

Relinquished by:	Date:	Time:	Received by:	Notes: 10 Day TAT
[signature]	11/15/06	1630	[signature]	
Relinquished by:	Date:	Time:	Received by (Laboratory): 11/16/06 19:10	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

e-Lab Analytical Cooler ID	Cooler Temp.

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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e-Lab Analytical Inc.

Sample Receipt Checklist

Client Name GOLDER-HOU | Date/Time Received 11/16/2006 9:10:00 AM

Work Order Number 0611315 | Received by RNG

Checklist completed by [signature] Date 11/17/06 | Reviewed by [initials] Date 11/18/06

Matrix Soil | Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s) Thermometer(s)	2.2,3.1,2.4,2.1,3.4c 002		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Acceptable upon receipt?	Yes ☐	No ☐	N/A ☑

Adjusted? Checked by

Login Notes Trip blank logged in without analysis

Client contacted | Date contacted | Person contacted

Contacted by | Regarding

Comments

Corrective Action

WO#061315

e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

INTEGRITY • SERVICE

CUSTODY SEAL

Date: 11/15/2006 Time:
Name: JULIE UTLEY
Company: GOLDER

SEAL
163

RAG
11/16/06

e-Lab Analytical

10450 Stancliff Rd.
Houston, Texas
Phone 281.530.5656

Client: Golder
Project: Wylie
Sample ID: CVS
Date: 11/15/06 Time: 1630
Analysis: Metals, Mo
Signature: RAG 11/16/06

SILVER

e-Lab Analytical

10450 Stancliff Rd. Suite 210
Houston, Texas 77099
Phone 281-530-5656 Fax: 281-530-5887

Client: Golder
Project: Wylie, TX
Sample ID: CVS
Date: 11/15/06 Time: 1630
Analysis: Metals, Mo
Collect By: JULIE UTLEY
Preservative: Neat
RAG 11/16/06

0100

e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax 218.530.5887

INTEGRITY • SERVICE

CUSTODY SEAL

11/15/2006 Time: 1630
JULIE UTLEY
Company: GOLDER

Seal Broken By: RAG
Date: 11/16/06

e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax 218.530.5887

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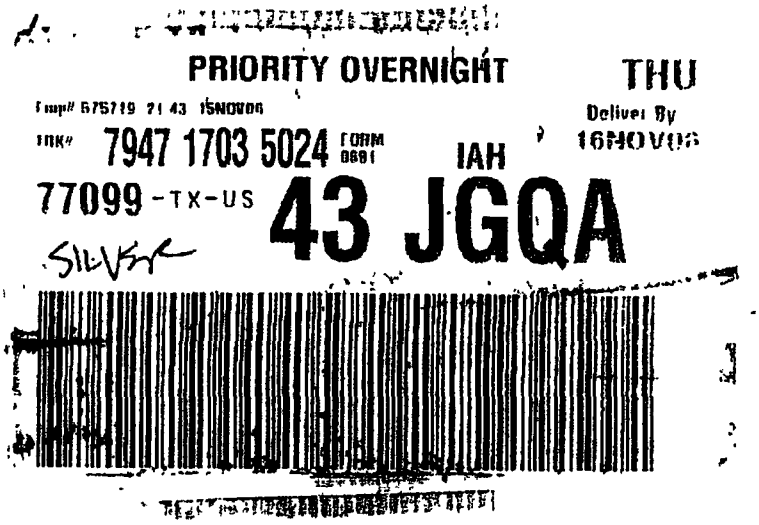
CUSTODY SEAL

Date: 11/15/2006 Time: 1630
Name: JULIE UTLEY
Company: GOLDER

RAG
11/16/06

W.J # 061315


PRIORITY OVERNIGHT
THU
Deliver By
16NOV05
7947 1703 5024
FORM 0881
IAH
77099 - TX - US
43 JGQA
SILVER

W.O.# 0611315

Part # 156297-435 RIT 05/05

emp# 430456 15NOV06

FedEx PRIORITY OVERNIGHT THU

Master 8586 6987 6757 FORM 0215

005/005 MPS# 7947 1703 5046 FORM 0681

Deliver By 16NOV06

A2

IAH

77099 -TX -US 43 JGQA

1237

PRIORITY OVERNIGHT THU

Deliver By 16NOV06

7947 1703 5035 FORM 0681 IAH

JGQA

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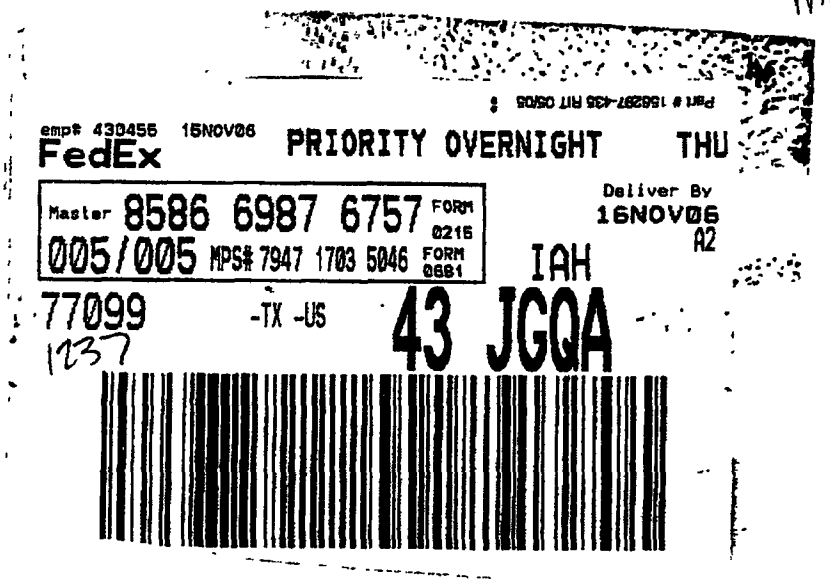

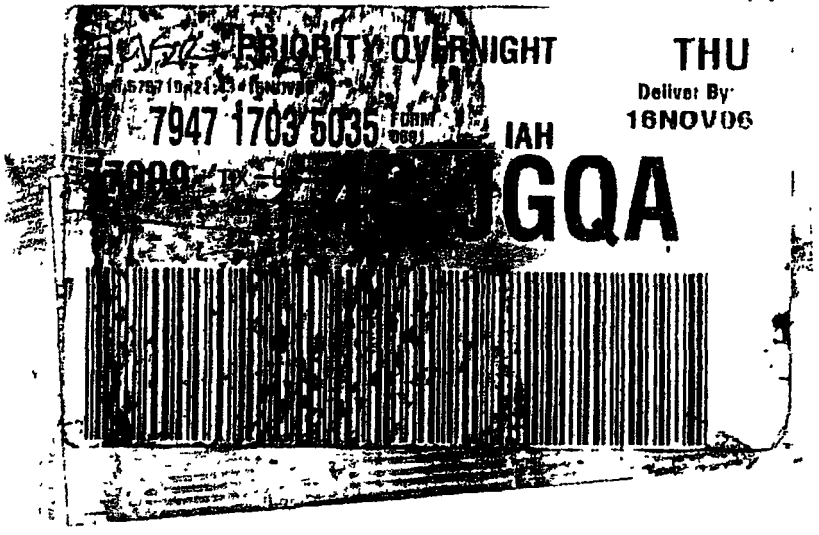

11/15/06 FedEx Tracking Number 12 858669876757

Jack Pitt Phone 24 [illegible]-6868

Company Golder Associates

Address ~~15603~~ 500 Century Plaza Dr. Ste 190

Houston State TX ZIP 77073

Your Internal Billing Reference 063-4400 100

Appendix F

APPENDIX F

TIER 2 CALCULATIONS

Golder Associates

SUBJECT	Tier 2 Soil to Groundwater PCL – Hg		
Job No. 063-4900	Made by JEP	Date 4/17/07	
Ref.	Checked JBF	Sheet 1 of 4	
	Reviewed		

1) $\gamma_{gw} = (2\alpha_v \cdot W_s)^{.5} + b_{gw}\left[1 - \exp\left(\frac{-If\, W_s}{U_{gw} \cdot b_{gw}}\right)\right]$

$\alpha_v = 0.0056 \cdot W_s$

W_s = Width of Stillyard Rom Road to Property Line

W_s = 220 ft × 0.3048 m/ft = **67.06 m**

$\alpha_v = 0.0056(67.06) =$ **0.38**

b_{gw} = Aquifer Thickness – use average water column inside wells from Nov 2006 GW sampling event

Well	Water Column	Well	Water Column
1	21.23 ft	8	18.57
2	15.73	9	22.75
3	21.73	10	32.55
* 4	Shallow well do not use	11	22.24
5	24.69	12	23.72
6	22.49	13	22.11
7	23.86	14	21.76

Total = 293.43 ft

Ave = $\frac{293.43}{13}$ = 22.57 ft

22.57 ft × .3048 m/ft = **6.88 m** ✓

$If = 0.0018(P)^2$ for Clay P = Mean Ann Precip cm/yr

P = 40.06 in/yr (Weather.com) × 2.54 cm/in = **101.75 cm/yr** ✓

$If = 0.0018(101.75)^2 =$ **18.64**

$U_{gw} = K \cdot i \cdot 36{,}500$ K (m/day)

K = 7.7 × 10⁻⁸ cm/sec (Phase III GW Investigation, 1994)

K = 7.7 × 10⁻⁸ cm/sec × 0.01 m/cm × 86,400 sec/day =

K = 6.65 × 10⁻⁵ m/day

i = gradient = $\frac{1 \text{ ft}}{30 \text{ ft}}$ = 0.03 (Dec 2006 Potent MAP)

$U_{gw} = (6.65 \times 10^{-5})(0.03)(36{,}500)$

$U_{gw} = 7.28 \times 10^{-2}$

Golder Associates	SUBJECT Hg Tier II		
	Job No. 0634900	Made by JEP	Date 4/17/08
	Ref.	Checked JBF	Sheet 2 of 4
		Reviewed	

$$\delta_{gw} = \left(2(0.38)\cdot(67.06)\right)^{.5} + 6.88\left[1 - \exp\left(\frac{-(18.64)(67.06)}{(0.0728)(6.88)}\right)\right]$$

$$\delta_{gw} = 7.14 + 6.88\left[1 - \exp(-249.46)\right]$$

$$\delta_{gw} = 7.14 + 6.88(1)$$

$\boxed{\delta_{gw} = 14.02}$ ∴ $\delta_{gw} \geq b_{gw}$ use b_{gw} as default = $\boxed{6.88}$

2) $LDF = 1 + \frac{U_{gw}\,\delta_{gw}}{IF\,W_s}$

$U_{gw} = 7.28E-2$
$W_s = 67.06$
$IF = 1.86$
$\delta_{gw} = 6.88$

$$LDF = 1 + \frac{(0.0728)(6.88)}{(1.86)(67.06)}$$

$\boxed{LDF = 1.0004}$

3) $K_{sw} = \frac{P_b}{\theta_{ws} + K_d P_b + H'\theta_{as}}$

$P_b = 1.67$ Tier 1 default

$\theta_{ws} = 0.16$ Tier 1 default

$K_d = 1.5E+2$ (ph of 7.4 - 30 TAC S350.73 (f)(1)(c)

$H' = 0.47$

$\theta_{as} = 0.21$ Tier 1 default

Golder Associates	SUBJECT H6 Tier II		
	Job No. 063-4700 Ref.	Made by JBP Checked VBF Reviewed	Date 4/17/07 Sheet 3 of 4

3) $K_{sw} = \frac{1.67}{0.16 + (1.5\mathcal{E}+2)(1.67) + (0.47)(0.21)}$

$K_{sw} = 6.66\mathcal{E}-3$ ✓

4) $GW_{Soil} = \frac{(GW\ PCL) \cdot LDF}{K_{sw}} \cdot \frac{L_2}{L_1}$

GW PCL = 0.2 mg/L + Class III

LDF = 1.0004

$K_{sw} = 6.66\mathcal{E}-3$

L_2 = Top of affect soil to GW (use Ave depth of GW Nov 2006 Sampling event.

Well	Depth ft BGS	Well	Depth ft BGS
1	8.89 Ft	8	11.18
2	14.72	9	6.80
3	7.55	10	11.35
5	5.51	11	7.58
6	7.22	12	5.9
7	6.54	13	7.69
		14	4.71

Total = 105.72 Ft ✓

Ave = 105.72 Ft / 13 = 8.13 Ft

L_2 = 8.13 Ft x 30.48 cm/Ft = 247.8 cm

L_1 = Thickness of affected soil = 1 Ft x 30.48 cm/Ft = 30.48 cm

$GW_{Soil} = \frac{(0.2)(1.0004)}{6.66\mathcal{E}-3} \cdot \frac{247.8}{30.48}$

$= (30.27)(8.13)$

$GW_{Soil} = 246.1$ mg/Kg

Golder Associates

SUBJECT	Hg Tier II		
Job No. 063-4900	Made by JBP	Date 4/17/07	
Ref.	Checked JBS	Sheet 4 of 4	
	Reviewed		

Hg Screening Levels

Tier I Commercial/Industrial

Tier I GW soil Class III = 0.78 mg/Kg

Tier II GW soil Class II = 246.1 mg/Kg

Tier I TOT Soil = 6.2 mg/Kg

Critical PCL = Tier I TOT soil = 6.2 mg/Kg

Appendix G

APPENDIX G

SLUG TEST DATA

PROJECT: CRI

PROJECT LOCATION: WYLIE, TEXAS

PROJECT NUMBER. 913-4076

RECORD OF BOREHOLE MW-01

BORING DATE: April 15, 1992

BORING LOCATION: See figure

SHEET: 1 OF 1

DATUM: MSL

DEPTH IN FEET	BORING METHOD	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV / DEPTH	SAMPLES: NUMBER	TYPE	BLOWS / 6 in	N	REC/ATT	REMARKS	PIEZOMETER OR STANDPIPE INSTALLATION
0	8 25 OD HSA	Stiff, black CLAY with trace silt.	CH			1	ST			1/2	Samples from 2-4 feet kept for geotechnical testing.	
						2	ST			1 8/2		
5						3	ST			2/2		
					523 00 6 00							
		Stiff, gray-tan mottled Silty CLAY with calcareous nodules.				4	ST			2/2		GROUT
						5	ST			2/2		
10						6	ST			2/2		
			CH			7	ST			2/2		
15						8	ST			2/2		BENT SEAL
						9	ST			2/2		40/60 SAND
						10	ST			2/2		
20					508 00 21 00	11	ST			2/2	Screen interval is 20' to 40'.	
		Stiff, gray-tan mottled Silty CLAY with gypsum				12	ST			2/2		
25						13	ST			2/2		
						14	ST			2/2		
			CH			15	ST			2/2		20/40 SAND
30						16	ST			2/2		
						17	ST			2/2		
35					494 00 35 00	18	ST			2/2		
		V stiff to hard, gray-tan Silty CLAY.				19	ST			2/2		
			CH			20	ST			2/2		

DRILL RIG MOB DRILL B61

DRILLING CONTRACTOR CCI

DRILLER.

Golder Associates

LOGGED J Hebert

CHECKED J. Winters

DATE: April 15, 1992

PROJECT: CRI

PROJECT LOCATION: WYLIE, TEXAS

PROJECT NUMBER: 913-4076

RECORD OF BOREHOLE MW-02

BORING DATE: April 15, 1992

BORING LOCATION: See figure

SHEET: 1 OF 1

DATUM: MSL

DEPTH SCALE FEET	BORING METHOD	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV / DEPTH	SAMPLES: NUMBER	TYPE	BLOWS / 6 in	N	REC/ATT	REMARKS	PIEZOMETER OR STANDPIPE INSTALLATION
0	8 25 OD HSA	Stiff, black/brown CLAY with trace silt and trace sand.	CH			1	ST			1 8/2		
					524 00 / 3 00	2	ST			1 8/2		
		Stiff, gray-tan mottled Silty CLAY with calcareous nodules and iron staining.				3	ST			2/2		GROUT
5						4	ST			2/2		
						5	ST			2/2		
10			CH			6	ST			2/2		BENT. SEAL
						7	ST			2/2		40/60 SAND
15						8	ST			2/2	Screen interval is 14.6 to 29 6	
					510 00 / 17 00	9	ST			2/2		
		Stiff, gray-tan mottled Silty CLAY with gypsum.				10	ST			2/2	Samples 18-20 feet kept for geotechnical testing.	
20						11	ST			2/2		
						12	ST			2/2		20/40 SAND
			CH			13	ST			2/2		
25						14	ST			2/2		
						15	ST			2/2		
30					497 00 / 30 00							
35												
40												

DRILL RIG: MOB. DRILL B61

DRILLING CONTRACTOR: CCI

DRILLER:

Golder Associates

LOGGED: J. Hebert

CHECKED: J. Winters

DATE: April 15, 1992

PROJECT: CRI

PROJECT LOCATION: WYLIE, TEXAS

PROJECT NUMBER: 913-4076

RECORD OF BOREHOLE MW-03

BORING DATE: April 13, 1992

BORING LOCATION: See figure

SHEET: 1 OF 1

DATUM: MSL

DEPTH SCALE FEET	BORING METHOD	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV / DEPTH	SAMPLES: NUMBER	TYPE	BLOWS / 6 In	N	REC/ATT	REMARKS	PIEZOMETER OR STANDPIPE INSTALLATION
0	8.25 OD HSA	Stiff, dark grey/black CLAY with some shell fragments.	CH		524.00	1	ST			1.8/2		
						2	ST			1.8/2		
					4.00							
5		Stiff to firm, light brown CLAY grading to gray-tan mottled CLAY with trace silt and trace calcareous nodules.				3	ST			2/2		
						4	ST			2/2		GROUT
						5	ST			2/2		
10						6	ST			2/2		
						7	ST			2/2		
15						8	ST			2/2		
			CH			9	ST			2/2		BENT. SEAL
						10	ST			2/2		40/60 SAND
20						11	ST			2/2	Screen interval is 20' to 40'.	
						12	ST			2/2		
25						13	ST			2/2	Samples 20-22 feet kept for geotechnical testing.	
						14	ST			2/2		
					500.00 28.00							
30		Stiff, gray-brown Silty CLAY and CLAY with gypsum.				15	ST			2/2		20/40 SAND
						16	ST			2/2		
			CH			17	ST			2/2		
35						18	ST			2/2		
					492.00 36.00							
		V. stiff to hard, gray-brown Silty CLAY with gypsum.	CH			19	ST			2/2		
						20	ST			2/2		
40												

DRILL RIG: MOB. DRILL B61

DRILLING CONTRACTOR: CCI

DRILLER:

Golder Associates

LOGGED: J Hebert

CHECKED J Winters

DATE: April 13, 1992

PROJECT: CRI

PROJECT LOCATION: WYLIE, TEXAS

PROJECT NUMBER: 913-4076

RECORD OF BOREHOLE MW-04

BORING DATE: April 13, 1992

BORING LOCATION: See figure

SHEET: 1 OF 1

DATUM: MSL

DEPTH SCALE FEET	BORING METHOD	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV / DEPTH	SAMPLES: NUMBER	TYPE	BLOWS / 6 in	N	REC/ATT	REMARKS	PIEZOMETER OR STANDPIPE INSTALLATION
0	8.25 OD HSA	Firm, black CLAY with minor debris encountered in the 2-4 feet interval.	CH		516.00 / 5.00	1	ST			.5/2		GROUT; BENT. SEA; 40/60 SAND; 20/40 SAND
						2	ST			2/2		
5						3	ST			2/2		
		Firm, gray-tan mottled CLAY with trace silt.	CH			4	ST			2/2		
						5	ST			2/2	Screen interval is 4.9 to 9.9.	
10					511.00 / 10.00						Samples 8-10 feet kept for geotechnical testing.	
15												
20												
25												
30												
35												
40												

DRILL RIG: MOB. DRILL B61

DRILLING CONTRACTOR: CCI

DRILLER:

Golder Associates

LOGGED: J. Hebert

CHECKED: J Winters

DATE: April 13, 1992

PROJECT: CRI

PROJECT LOCATION: WYLIE, TEXAS

PROJECT NUMBER: 913-4076

RECORD OF BOREHOLE MW-05

BORING DATE: April 13,1992

BORING LOCATION: See figure

SHEET: 1 OF 1

DATUM: MSL

DEPTH SCALE FEET	BORING METHOD	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV / DEPTH	SAMPLES: NUMBER	TYPE	BLOWS / 6 in	N	REC/ATT	REMARKS	PIEZOMETER OR STANDPIPE INSTALLATION
0	8.25 OD HSA	Firm, black CLAY with minor debris encounterd in the 2-4 feet interval.	CH		516.00 / 5.00	1	ST			1.8/2		GROUT
						2	ST			0.8/2		
5		Firm, gray-tan mottled CLAY with trace silt.				3	ST			2/2		
						4	ST			2/2		
						5	ST			2/2		
10						6	ST			2/2		BENT. SEAL
			CH			7	ST			2/2		40/60 SAND
15						8	ST			2/2	Screen interval is 14.8 to 29.8.	
						9	ST			2/2		
					501.00 / 20.00	10	ST			2/2		
20		Stiff, gray-tan mottled Silty CLAY with gypsum.				11	ST			2/2		20/40 SAND
			CH			12	ST			2/2		
25						13	ST			2/2		
					495.00 / 26.00							
		Hard, gray Silty CLAY.	CH			14	ST			2/2		
						15	ST			2/2	Samples 28-30 feet kept for geotechnical testing.	
30					491.00 / 30.00							
35												
40												

DRILL RIG: MOB DRILL B61

DRILLING CONTRACTOR: CCI

DRILLER:

Golder Associates

LOGGED: J. Hebert

CHECKED: J. Winters

DATE April 13, 1992

PROJECT: CRI

PROJECT LOCATION: WYLIE, TEXAS

PROJECT NUMBER: 913-4076

RECORD OF BOREHOLE MW-06

BORING DATE: April 13, 1992

BORING LOCATION: See figure

SHEET: 1 OF 1

DATUM: MSL

DEPTH SCALE FEET	BORING METHOD	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV / DEPTH	SAMPLES: NUMBER	TYPE	BLOWS / 6 in	N	REC/ATT	REMARKS	PIEZOMETER OR STANDPIPE INSTALLATION
0	6 25 OD HSA	Stiff to firm, black CLAY.	CH			1	ST			1/2		
						2	ST			1/2		
5						3	ST			1 5/2		
					519 00 / 6 00							
		Stiff to firm, gray-tan mottled CLAY with calcareous stringers and nodules.				4	ST			1 5/2		GROUT
						5	ST			2/2		
10						6	ST			2/2		
						7	ST			2/2		
			CH			8	ST			2/2	Samples 14-16 feet kept for geotechnical testing.	BENT SEAL
15						9	ST			2/2		
						10	ST			2/2		40/60 SAND
						11	ST			2/2	Screen interval is 19 4 to 39 4.	
20						12	ST			2/2		
					501 00 / 24 00							
		V. stiff, gray-brown Silty CLAY with gypsum.				13	ST			2/2		
25						14	ST			2/2		
						15	ST			2/2		
			CH			16	ST			2/2		20/40 SAND
30						17	ST			2/2		
						18	ST			2/2		
35					489.00 / 36 00							
		V. stiff to hard, dark gray CLAY with trace silt.	CH			19	ST			2/2		
						20	ST			2/2		
40												

DRILL RIG: MOB. DRILL B61

DRILLING CONTRACTOR: CCI

DRILLER

Golder Associates

LOGGED: J. Hebert

CHECKED J. Winters

DATE: April 13, 1992

PROJECT: CRI

PROJECT LOCATION: WYLIE, TEXAS

PROJECT NUMBER: 913-4076

RECORD OF BOREHOLE MW-07

BORING DATE: April 16, 1992

BORING LOCATION: See figure

SHEET: 1 OF 1

DATUM: MSL

DEPTH SCALE FEET	BORING METHOD	DESCRIPTION	USCS	GRAPHIC LOG	ELEV / DEPTH	NUMBER	TYPE	BLOWS / 6 in	N	REC/ATT	REMARKS	PIEZOMETER OR STANDPIPE INSTALLATION
0	8.25 OD HSA	Gravel with silt.	ML		519.50							
		Stiff, black CLAY.	CH		0.50	1	ST			1/2		
						2	ST			2/2		
5						3	ST			2/2		GROUT
					513.00	4	ST			2/2		
		Stiff, gray-tan mottled Silty CLAY with occasional calcareuos nodules and iron staining.			7.00	5	ST			2/2		
10						6	ST			2/2		BENT. SEAL
						7	ST			2/2		40/60 SAND
			CH			8	ST			2/2	Screen interval is 14.8 to 29.8.	
15						9	ST			2/2		
						10	ST			2/2		
20					499.00	11	ST			2/2		
		Stiff, gray-tan mottled Silty CLAY with gypsum.			21.00	12	ST			2/2		20/40 SAND
			CH			13	ST			2/2		
25						14	ST			2/2	Samples 26-28 feet kept for geotechnical testing.	
					492.00							
		V. stiff to hard, gray Silty CLAY.	CH		28.00	15	ST			2/2		
30					490.00							
					30.00							
35												
40												

DRILL RIG: MOB DRILL B61

DRILLING CONTRACTOR: CCI

DRILLER:

LOGGED: J Hebert

CHECKED: J Winters

DATE: April 16, 1992

Golder Associates

(b) (9)

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APPENDIX B
SLUG TEST RESULTS

RISING HEAD TEST

WELL NO. MW01

DATE = 4/20/92
DEPTH TO WATER = 7.46 FEET
CASING DIAMETER = 2 INCHES
SAND DIAMETER = 8.25 INCHES
OPEN INTERVAL = 20 FEET

24-HR CLOCK TIME				ELAPSED DEPTH TO				LOG
DAY	HOURS	MINUTES	SECONDS	TIME (SEC)	WATER (FEET)	HEAD (FEET)	HEAD RATIO	HEAD RATIO
1	11	26	0	0	39.82	32.36	1.00	0
1	11	26	27	27	37.72	30.26	0.94	-0.02913
1	11	26	38	38	37.66	30.20	0.93	-0.03000
1	11	26	48	48	37.62	30.16	0.93	-0.03057
1	11	27	2	62	37.52	30.06	0.93	-0.03201
1	11	27	12	72	37.48	30.02	0.93	-0.03259
1	11	27	21	81	37.42	29.96	0.93	-0.03346
1	11	27	32	92	37.34	29.88	0.92	-0.03462
1	11	27	47	107	37.24	29.78	0.92	-0.03608
1	11	27	58	118	37.20	29.74	0.92	-0.03666
1	11	28	9	129	37.14	29.68	0.92	-0.03754
1	11	28	21	141	37.06	29.60	0.91	-0.03871
1	11	28	33	153	37.00	29.54	0.91	-0.03959
1	11	28	48	168	36.86	29.40	0.91	-0.04166
1	11	28	56	176	36.82	29.36	0.91	-0.04225
1	11	29	15	195	36.74	29.28	0.90	-0.04343
1	11	29	44	224	36.58	29.12	0.90	-0.04581
1	11	30	5	245	36.44	28.98	0.90	-0.04791
1	11	30	27	267	36.30	28.84	0.89	-0.05001
1	11	30	55	295	36.40	28.94	0.89	-0.04850
1	11	31	18	318	35.90	28.44	0.88	-0.05607
1	11	31	42	342	35.68	28.22	0.87	-0.05945
1	11	32	0	360	35.45	27.99	0.86	-0.06300
1	11	33	0	420	34.85	27.39	0.85	-0.07241
1	11	34	0	480	34.38	26.92	0.83	-0.07993
1	11	35	0	540	34.12	26.66	0.82	-0.08414
1	11	36	0	600	33.82	26.36	0.81	-0.08906
1	11	37	0	660	33.54	26.08	0.81	-0.09370
1	11	38	0	720	33.28	25.82	0.80	-0.09805
1	11	39	0	780	32.97	25.51	0.79	-0.10329
1	11	40	0	840	32.71	25.25	0.78	-0.10774
1	11	41	0	900	32.50	25.04	0.77	-0.11137
1	11	42	0	960	32.26	24.80	0.77	-0.11555
1	11	43	0	1020	32.02	24.56	0.76	-0.11978
1	11	44	0	1080	31.78	24.32	0.75	-0.12404
1	11	45	0	1140	31.51	24.05	0.74	-0.12889
1	11	50	0	1440	30.24	22.78	0.70	-0.15245
1	11	55	0	1740	29.51	22.05	0.68	-0.16659
1	12	0	0	2040	28.70	21.24	0.66	-0.18285

RISING HEAD TEST

WELL NO. MW01

DATE = 4/20/92
DEPTH TO WATER = 7.46 FEET
CASING DIAMETER = 2 INCHES
SAND DIAMETER = 8.25 INCHES
OPEN INTERVAL = 20 FEET

24-HR CLOCK TIME				ELAPSED DEPTH TO					LOG
DAY	HOURS	MINUTES	SECONDS	TIME (SEC)	WATER (FEET)	HEAD (FEET)	HEAD RATIO		HEAD RATIO
1	12	5	0	2340	28.05	20.59	0.64		-0.19635
1	12	10	0	2640	27.62	20.16	0.62		-0.20551
1	12	47	0	4860	25.94	18.48	0.57		-0.24330
1	13	14	0	6480	23.56	16.10	0.50		-0.30318
1	13	54	0	8880	20.82	13.36	0.41		-0.38420
1	14	21	0	10500	19.60	12.14	0.38		-0.42578
1	15	5	0	13140	17.20	9.74	0.30		-0.52144
1	15	39	0	15180	16.05	8.59	0.27		-0.57601
1	16	6	0	16800	15.33	7.87	0.24		-0.61403
1	17	15	0	20940	13.91	6.45	0.20		-0.70044
1	17	42	0	22560	13.50	6.04	0.19		-0.72897
1	18	18	0	24720	13.02	5.56	0.17		-0.76493
1	18	43	0	26220	12.73	5.27	0.16		-0.78819
1	19	26	0	28800	12.30	4.84	0.15		-0.82516
1	19	47	0	30060	12.11	4.65	0.14		-0.84255
2	8	45	0	76740	9.90	2.44	0.08		-1.12261
2	13	57	0	95460	9.13	1.67	0.05		-1.28729
2	16	26	0	104400	9.00	1.54	0.05		-1.32248
2	18	28	0	111720	8.92	1.46	0.05		-1.34565
3	8	27	0	162060	8.46	1.00	0.03	*	-1.51000
3	15	6	0	186000	8.32	0.86	0.03		-1.57551
3	16	58	0	192720	8.29	0.83	0.03		-1.59093
4	8	10	0	247440	8.09	0.63	0.02	*	-1.71066

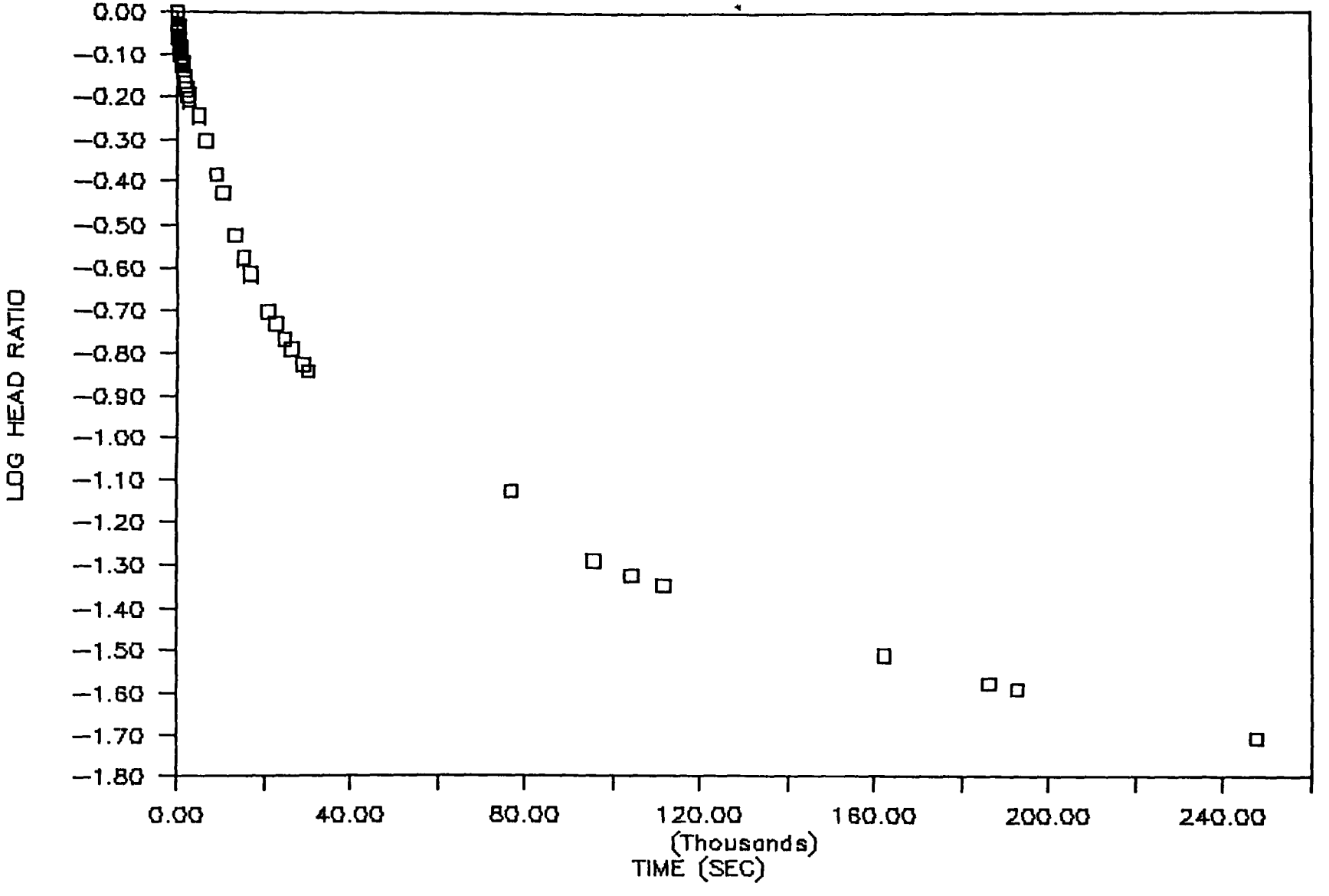
NOTES:

1) * INDICATES THAT BEST FIT LINE PASSES THROUGH THESE POINTS
2) ALL DEPTHS MEASURED FROM TOP OF CASING

K= 1.16E-07 CM/SEC

RISING HEAD TEST

WELL NO. MW01



RISING HEAD TEST

WELL NO. MW02

DATE= 05/06/92

DEPTH T	WATER=	8.8	FEET
CASING	DIAMETE	2	INCHES
SAND	DIAMETE	8.25	INCHES
OPEN	INTERVAL	15	FEET

DAY	24-HR CLOCK TIME HOURS	MINUTES	SECONDS	ELAPSED TIME (SEC)	DEPTH TO WATER (FEET)	HEAD (FEET)	HEAD RATIO		LOG HEAD RATIO
1				0	27.11	18.31	1.00		0
1				77	26.93	18.13	0.99		-0.0042
1				105	26.77	17.97	0.98		-0.0081
1				160	26.37	17.57	0.96		-0.0179
1				185	26.25	17.45	0.95		-0.0208
1				208	26.01	17.21	0.94		-0.0269
1				228	25.86	17.06	0.93		-0.0307
1				260	25.65	16.85	0.92		-0.0360
1				305	25.34	16.54	0.90		-0.0441
1				407	24.72	15.92	0.87		-0.0607
1				490	24.28	15.48	0.85		-0.0729
1				560	23.92	15.12	0.83		-0.0831
1				730	23.22	14.42	0.79		-0.1037
1				870	22.60	13.80	0.75		-0.1228
1				3870	10.80	2.00	0.11		-0.9616
1				5115	10.04	1.24	0.07		-1.1692
1				6385	9.64	0.84	0.05		-1.3384
1				7151	9.47	0.67	0.04		-1.4366
1				8168	9.35	0.55	0.03		-1.5223
1				10944	9.21	0.41	0.02		-1.6499
1				13380	9.15	0.35	0.02		-1.7186
1				16020	9.09	0.29	0.02		-1.8002
1				21540	9.02	0.22	0.01	*	-1.9202
1				29460	8.97	0.17	0.01		-2.0322
2				76320	8.92	0.12	0.01	*	-2.1835

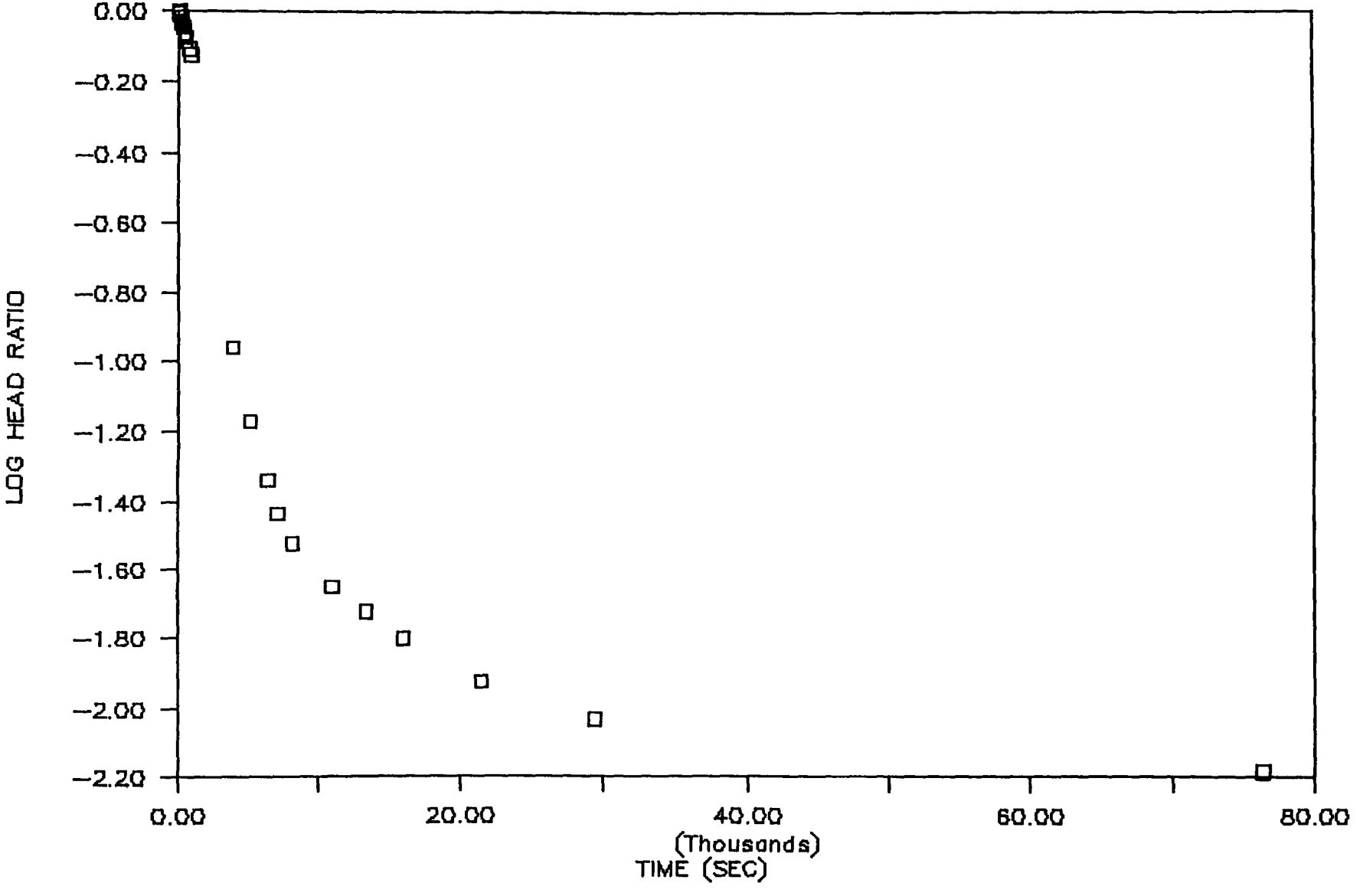
NOTES:

1) * INDICATES THAT BEST FIT LINE PASSES THROUGH THESE POINTS
2) ALL DEPTHS MEASURED FROM TOP OF CASING

K= 2.95E-07 CM/SEC

RISING HEAD TEST

WELL NO. MW02



RISING HEAD TEST

WELL NO. MW03

	DATE=	05/06/92	
DEPTH T	WATER=	6.88	FEET
CASING	DIAMETE	2	INCHES
SAND	DIAMETE	8.25	INCHES
OPEN	INTERVAL	20	FEET

DAY	24-HR CLOCK TIME HOURS	MINUTES	SECONDS	ELAPSED TIME (SEC)	DEPTH TO WATER (FEET)	HEAD (FEET)	HEAD RATIO		LOG HEAD RATIO
1	10	13	0	0	42.35	35.47	1.00		0
1	10	13	14	14	42.21	35.33	1.00		-0.0017
1	10	13	28	28	42.09	35.21	0.99		-0.0031
1	10	13	46	46	41.90	35.02	0.99		-0.0055
1	10	14	3	63	41.75	34.87	0.98		-0.0074
1	10	14	24	84	41.57	34.69	0.98		-0.0096
1	10	14	52	112	41.31	34.43	0.97		-0.0129
1	10	15	22	142	41.02	34.14	0.96		-0.0165
1	10	16	0	180	40.55	33.67	0.95		-0.0226
1	10	16	28	208	40.45	33.57	0.95		-0.0239
1	10	18	33	333	39.78	32.90	0.93		-0.0326
1	10	23	16	616	39.04	32.16	0.91		-0.0425
1	10	28	24	924	38.55	31.67	0.89		-0.0492
1	10	35	50	1370	36.94	30.06	0.85		-0.0718
1	11	2	15	2955	34.93	28.05	0.79		-0.1019
1	11	36	15	4995	32.86	25.98	0.73		-0.1352
1	12	4	0	6660	31.10	24.22	0.68		-0.1656
1	13	53	0	13200	25.37	18.49	0.52		-0.2829
1	14	43	0	16200	22.95	16.07	0.45		-0.3438
1	16	9	0	21360	17.09	10.21	0.29		-0.5408
1	17	59	0	27960	12.44	5.56	0.16		-0.8047
1	20	2	0	35340	9.62	2.74	0.08	*	-1.1121
2	10	36	0	87780	7.61	0.73	0.02	*	-1.6865

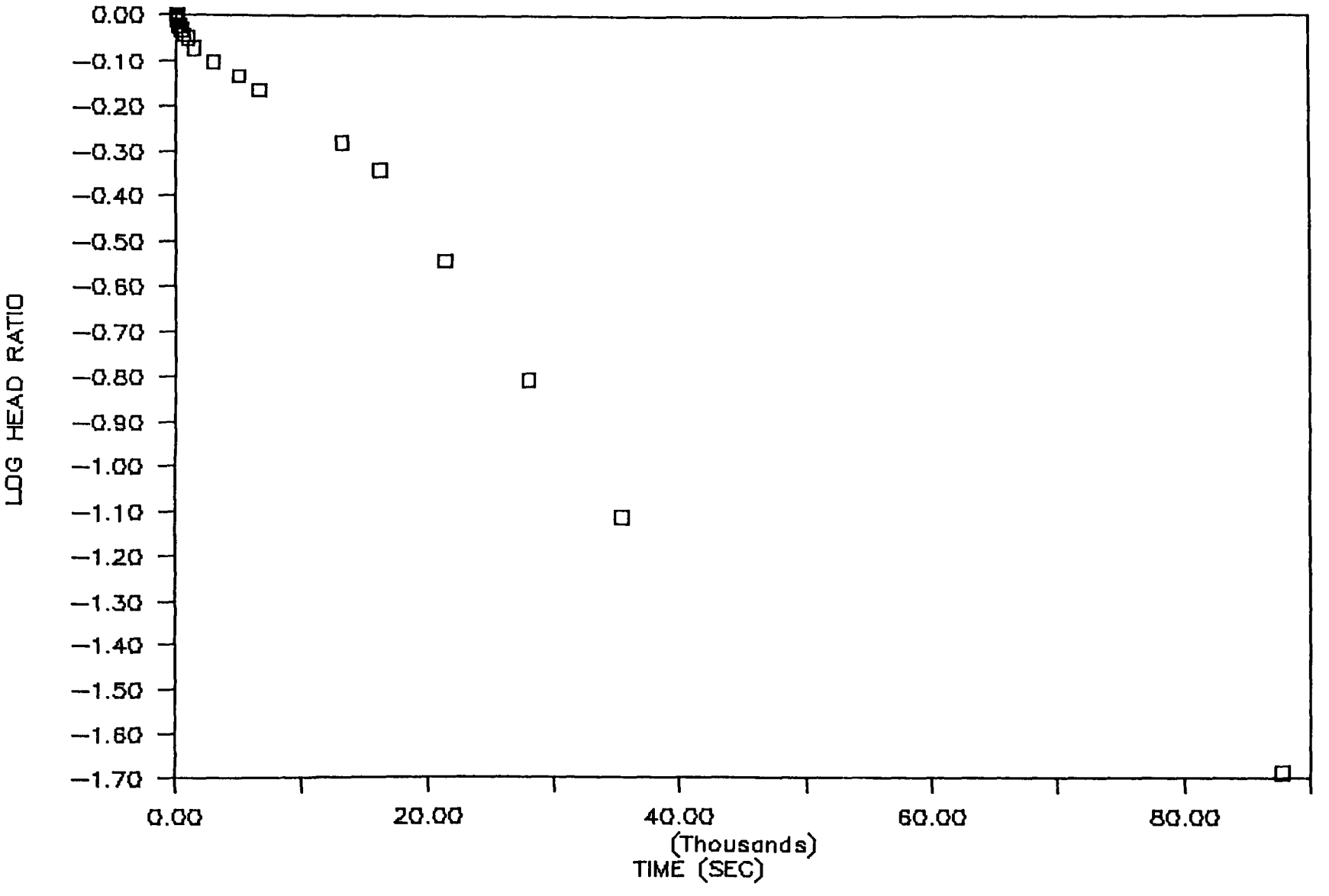
NOTES:

1) * INDICATES THAT BEST FIT LINE PASSES THROUGH THESE POINTS
2) ALL DEPTHS MEASURED FROM TOP OF CASING

K= 5.42E-07 CM/SEC

RISING HEAD TEST

WELL NO. MW03



RISING HEAD TEST

WELL NO. MW04

DATE = 4/21/92

DEPTH TO WATER = 4.35 FEET

CASING DIAMETER = 2 INCHES

SAND DIAMETER = 8.25 INCHES

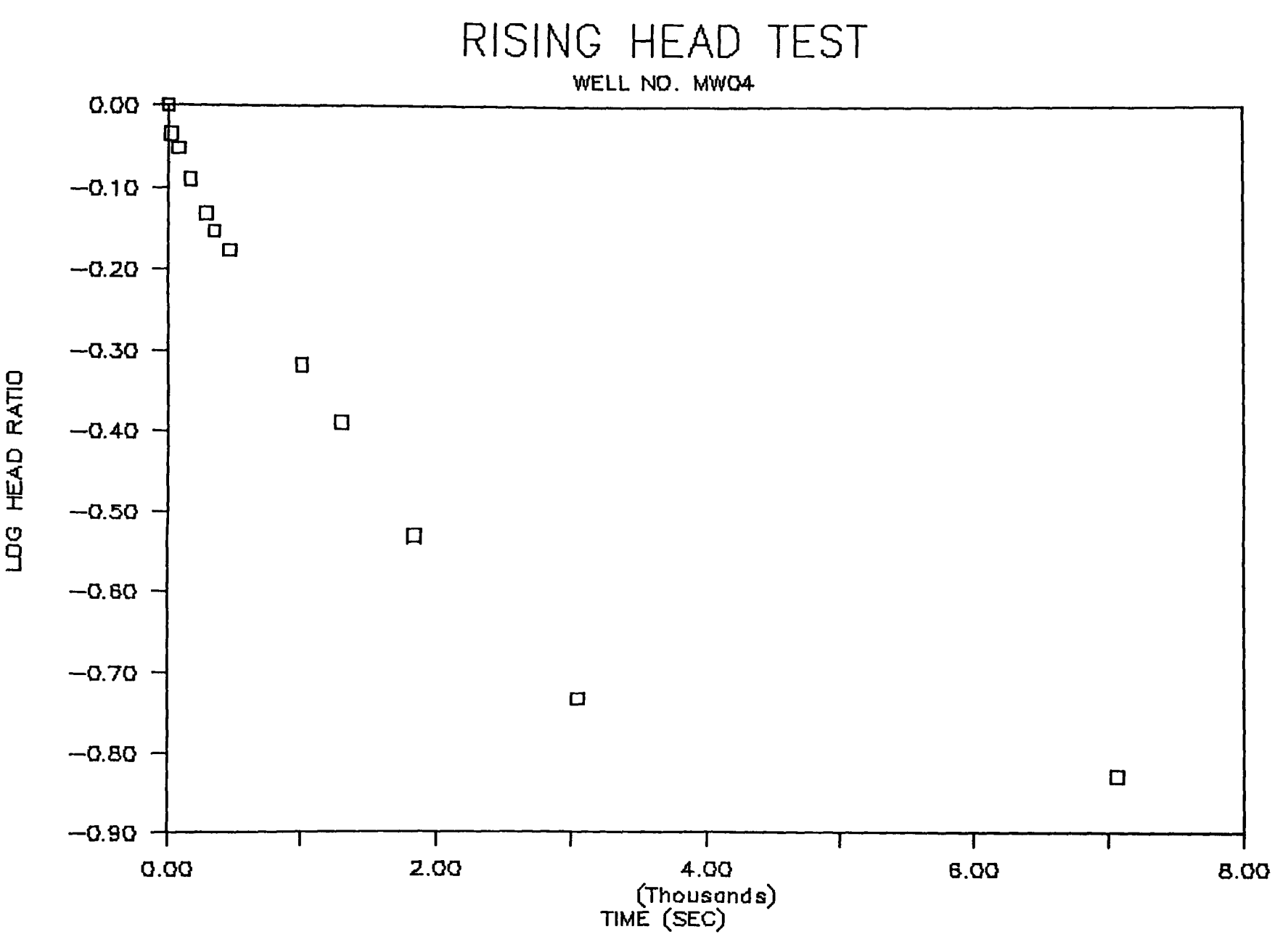
OPEN INTERVAL = 5 FEET

24-HR CLOCK TIME .				ELAPSED DEPTH TO					LOG
DAY	HOURS	MINUTES	SECONDS	TIME (SEC)	WATER (FEET)	HEAD (FEET)	HEAD RATIO		HEAD RATIO
1	12	47	15	0	4.62	0.27	1.00		0
1	12	47	33	18	4.60	0.25	0.93		-0.0334
1	12	48	30	75	4.59	0.24	0.89		-0.0511
1	12	50	0	165	4.57	0.22	0.81		-0.0889
1	12	52	0	285	4.55	0.20	0.74		-0.1303
1	12	53	0	345	4.54	0.19	0.70		-0.1526
1	12	55	0	465	4.53	0.18	0.67		-0.1760
1	13	4	0	1005	4.48	0.13	0.48	*	-0.3174
1	13	9	0	1305	4.46	0.11	0.41		-0.3899
1	13	18	0	1845	4.43	0.08	0.30		-0.5282
1	13	38	0	3045	4.40	0.05	0.19	*	-0.7323
1	14	45	0	7065	4.39	0.04	0.15		-0.8293

NOTES:

1) * INDICATES THAT BEST FIT LINE PASSES THROUGH THESE POINTS
2) ALL DEPTHS MEASURED FROM TOP OF CASING

K= 2 65E-05 CM/SEC


RISING HEAD TEST
WELL NO. MW04
0.00
-0.10
-0.20
-0.30
-0.40
-0.50
-0.60
-0.70
-0.80
-0.90
LOG HEAD RATIO
0.00
2.00
4.00
6.00
8.00
(Thousands)
TIME (SEC)

RISING HEAD TEST

WELL NO. MW05

DATE = 4/22/92

DEPTH TO WATER = 4.93 FEET

CASING DIAMETER = 2 INCHES

SAND DIAMETER = 8.25 INCHES

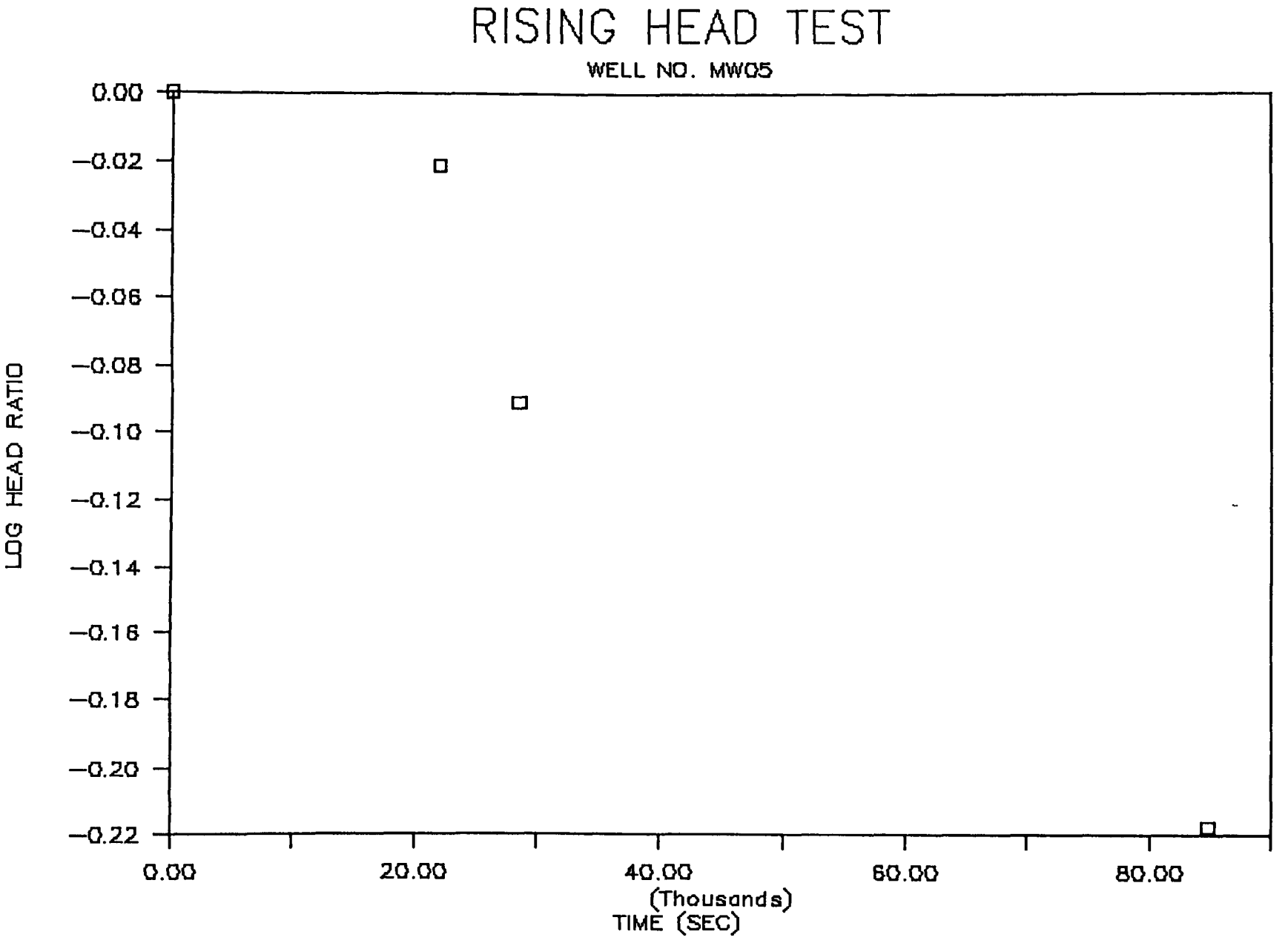
OPEN INTERVAL = 15 FEET

24-HR CLOCK TIME				ELAPSED DEPTH TO					LOG
DAY	HOURS	MINUTES	SECONDS	TIME (SEC)	WATER (FEET)	HEAD (FEET)	HEAD RATIO		HEAD RATIO
1	8	50	0	0	9.80	4.87	1.00		0
1	14	58	0	22080	9.57	4.64	0.95		-0.0210
1	16	45	0	28500	8.88	3.95	0.81	*	-0.0909
2	8	23	0	84780	7.88	2.95	0.61	*	-0.2177

NOTES:

1) * INDICATES THAT BEST FIT LINE PASSES THROUGH THESE POINTS
2) ALL DEPTHS MEASURED FROM TOP OF CASING

K= 1.38E-07 CM/SEC


RISING HEAD TEST
WELL NO. MW05
0.00
-0.02
-0.04
-0.06
-0.08
-0.10
-0.12
-0.14
-0.16
-0.18
-0.20
-0.22
LOG HEAD RATIO
0.00
20.00
40.00
60.00
80.00
(Thousands)
TIME (SEC)

RISING HEAD TEST

WELL NO. MW06

DATE = 4/21/92
DEPTH TO WATER = 5.9 FEET
CASING DIAMETER = 2 INCHES
SAND DIAMETER = 8.25 INCHES
OPEN INTERVAL = 20 FEET

24-HR CLOCK TIME				ELAPSED DEPTH TO				LOG
DAY	HOURS	MINUTES	SECONDS	TIME (SEC)	WATER (FEET)	HEAD (FEET)	HEAD RATIO	HEAD RATIO
1	10	13	23	0	37.70	31.80	1.00	0
1	10	13	34	11	37.64	31.74	1.00	-0.00082
1	10	13	45	22	37.60	31.70	1.00	-0.00136
1	10	14	0	37	37.55	31.65	1.00	-0.00205
1	10	14	10	47	37.52	31.62	0.99	-0.00246
1	10	14	17	54	37.50	31.60	0.99	-0.00274
1	10	14	29	66	37.47	31.57	0.99	-0.00315
1	10	14	39	76	37.45	31.55	0.99	-0.00342
1	10	14	48	85	37.40	31.50	0.99	-0.00411
1	10	15	12	109	37.36	31.46	0.99	-0.00466
1	10	15	23	120	37.34	31.44	0.99	-0.00494
1	10	15	30	127	37.36	31.46	0.99	-0.00466
1	10	15	47	144	37.28	31.38	0.99	-0.00577
1	10	16	0	157	37.26	31.36	0.99	-0.00605
1	10	16	45	202	37.15	31.25	0.98	-0.00757
1	10	17	15	232	37.08	31.18	0.98	-0.00855
1	10	17	42	259	37.00	31.10	0.98	-0.00966
1	10	18	15	292	36.90	31.00	0.97	-0.01106
1	10	18	45	322	36.84	30.94	0.97	-0.01190
1	10	19	20	357	36.74	30.84	0.97	-0.01331
1	10	19	45	382	36.71	30.81	0.97	-0.01373
1	10	20	10	407	36.65	30.75	0.97	-0.01458
1	10	20	44	441	36.57	30.67	0.96	-0.01571
1	10	21	15	472	36.50	30.60	0.96	-0.01670
1	10	22	0	517	36.39	30.49	0.96	-0.01826
1	10	23	0	577	36.20	30.30	0.95	-0.02098
1	10	24	0	637	36.05	30.15	0.95	-0.02313
1	10	25	0	697	35.93	30.03	0.94	-0.02487
1	10	26	0	757	35.80	29.90	0.94	-0.02675
1	10	27	0	817	35.60	29.70	0.93	-0.02967
1	10	28	0	877	35.48	29.58	0.93	-0.03142
1	10	29	0	937	35.33	29.43	0.93	-0.03363
1	10	30	0	997	35.22	29.32	0.92	-0.03526
1	10	35	0	1297	34.52	28.62	0.90	-0.04575
1	10	40	0	1597	33.75	27.85	0.88	-0.05760
1	10	45	0	1897	33.02	27.12	0.85	-0.06913
1	10	50	0	2197	32.28	26.38	0.83	-0.08115
1	10	55	0	2497	31.73	25.83	0.81	-0.09030
1	11	0	0	2797	31.14	25.24	0.79	-0.10033

RISING HEAD TEST

WELL NO. MW06

DATE = 4/21/92
DEPTH TO WATER = 5.9 FEET
CASING DIAMETER = 2 INCHES
SAND DIAMETER = 8.25 INCHES
OPEN INTERVAL = 20 FEET

24-HR CLOCK TIME				ELAPSED DEPTH TO					LOG
DAY	HOURS	MINUTES	SECONDS	TIME (SEC)	WATER (FEET)	HEAD (FEET)	HEAD RATIO		HEAD RATIO
1	11	33	0	4777	28.55	22.65	0.71		-0.14735
1	12	15	0	7297	26.10	20.20	0.64		-0.19707
1	12	59	0	9937	24.39	18.49	0.58		-0.23549
1	13	41	0	12457	21.30	15.40	0.48		-0.31490
1	14	48	0	16477	17.90	12.00	0.38		-0.42324
1	15	50	0	20197	15.00	9.10	0.29		-0.54338
1	16	44	0	23437	13.51	7.61	0.24		-0.62104
1	18	10	0	28597	11.89	5.99	0.19		-0.72500
2	8	36	0	80557	8.60	2.70	0.08		-1.07106
2	14	53	0	103177	7.62	1.72	0.05	*	-1.26689
2	16	52	0	110317	7.51	1.61	0.05		-1.29560
3	8	28	0	166477	7.07	1.17	0.04	*	-1.43424

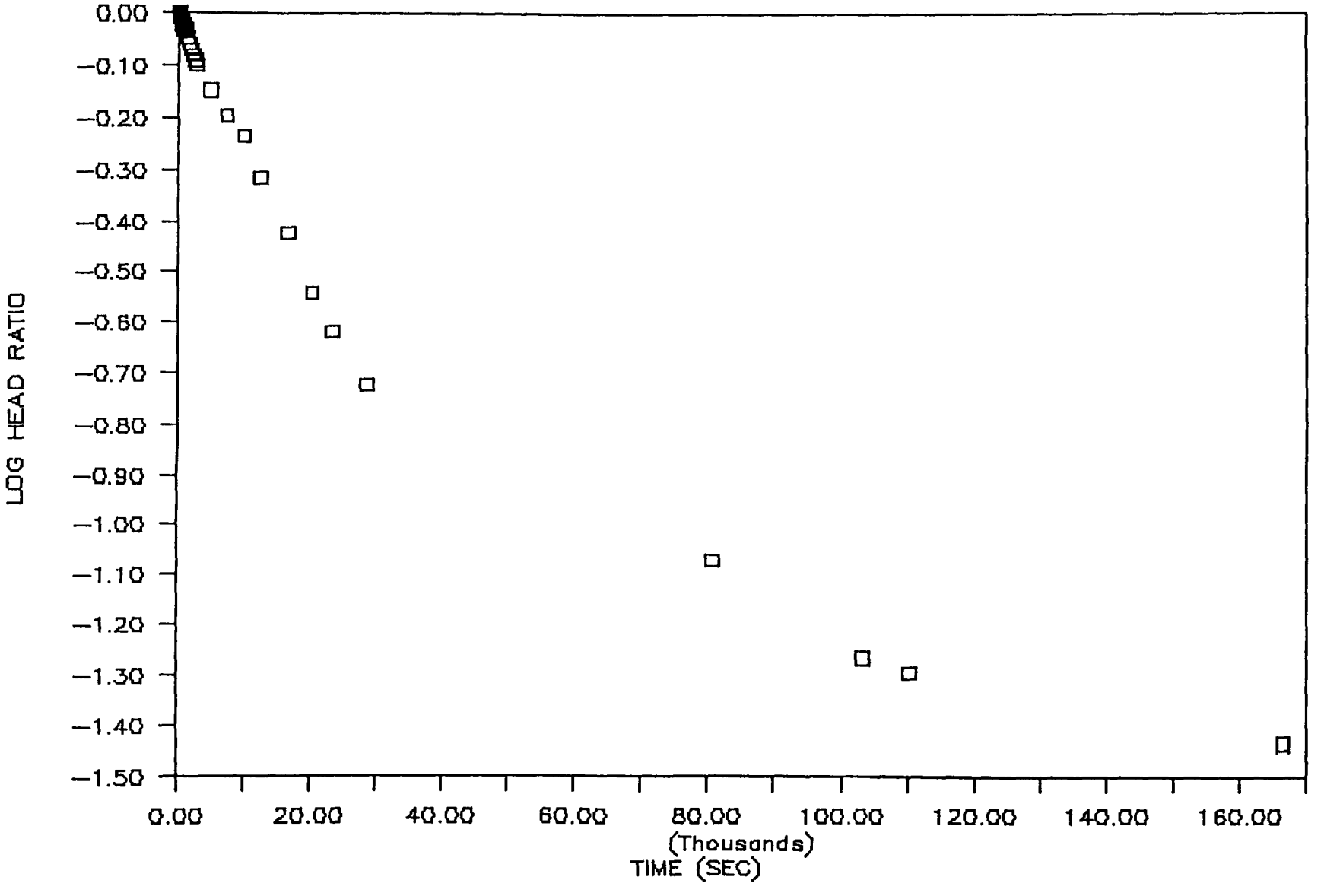
NOTES:

1) * INDICATES THAT BEST FIT LINE PASSES THROUGH THESE POINTS
2) ALL DEPTHS MEASURED FROM TOP OF CASING

K= 1.31E-07 CM/SEC

RISING HEAD TEST

WELL NO. MW06



RISING HEAD TEST

WELL NO. MW07

DATE= 05/06/92

DEPTH TO WATER= 10.52 FEET

CASING DIAMETER= 2 INCHES

SAND DIAMETER= 8.25 INCHES

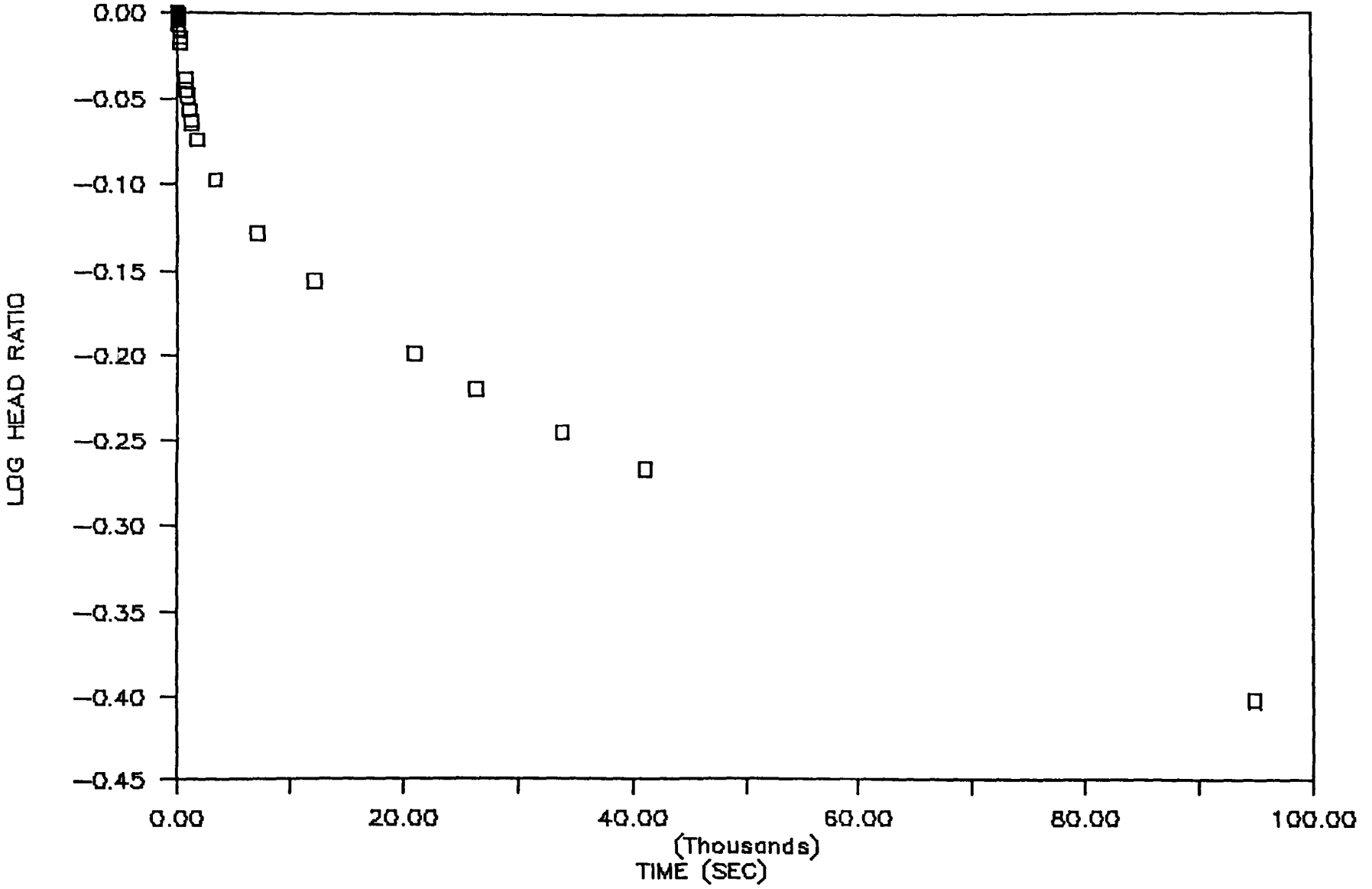
OPEN INTERVAL= 15 FEET

DAY	24-HR CLOCK TIME			ELAPSED TIME (SEC)	DEPTH TO WATER (FEET)	HEAD (FEET)	HEAD RATIO		LOG HEAD RATIO
	HOURS	MINUTES	ECONDS						
1	8	44	0	0	31.01	20.49	1.00		0
1	8	44	40	40	30.95	20.43	1.00		-0.0012
1	8	45	0	60	30.88	20.36	0.99		-0.0027
1	8	45	20	80	30.80	20.28	0.99		-0.0044
1	8	45	57	117	30.71	20.19	0.99		-0.0064
1	8	46	30	150	30.57	20.05	0.98		-0.0094
1	8	47	45	225	30.37	19.85	0.97		-0.0137
1	8	48	30	270	30.21	19.69	0.96		-0.0172
1	8	56	48	768	29.25	18.73	0.91		-0.0390
1	8	57	30	810	29.00	18.48	0.90		-0.0448
1	8	59	17	917	28.85	18.33	0.89		-0.0483
1	9	2	11	1091	28.50	17.98	0.88		-0.0567
1	9	4	39	1239	28.27	17.75	0.87		-0.0623
1	9	6	0	1320	28.20	17.68	0.86		-0.0640
1	9	13	30	1770	27.80	17.28	0.84		-0.0739
1	9	41	15	3435	26.90	16.38	0.80		-0.0972
1	10	44	0	7200	25.79	15.27	0.75		-0.1277
1	12	7	0	12180	24.84	14.32	0.70		-0.1555
1	14	33	0	20940	23.50	12.98	0.63		-0.1982
1	16	4	0	26400	22.90	12.38	0.60		-0.2188
1	18	8	0	33840	22.18	11.66	0.57	*	-0.2448
1	20	9	0	41100	21.62	11.10	0.54		-0.2662
2	11	4	0	94800	18.62	8.10	0.40	*	-0.4030

NOTES:

1) * INDICATES THAT BEST FIT LINE PASSES THROUGH THESE POINTS
2) ALL DEPTHS MEASURED FROM TOP OF CASING

K= 1.59E-07 CM/SEC

RISING HEAD TEST

WELL NO. MW07