

FOR CONTRACT NO. 07-4H9004  
PROJECT NO. 0700021079

# INFORMATION HANDOUT

MATERIALS INFORMATION

LEAD SITE INVESTIGATION REPORTS

**ROUTE: 07-LA-60-20.6**

FOR CONTRACT NO. 07-4H9004

PROJECT NO. 0700021079

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**ROUTE: 07-LA-60-20.6**

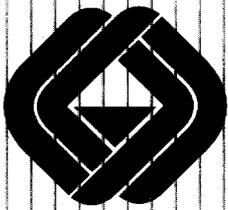
FOR CONTRACT NO. 07-4H9004  
PROJECT NO. 0700021079

# **ADL INVESTIGATION REPORT**

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**ROUTE 60 (KP 3.1/5.0)  
LOS ANGELES COUNTY, CALIFORNIA  
CONTRACT NO. 43A0078  
TASK ORDER NO. 07-496101-RE  
EA. 002101**



**GEOCON**

**GEOTECHNICAL  
&  
ENVIRONMENTAL  
CONSULTANTS**

**PREPARED FOR**

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OF TRANSPORTATION  
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**JUNE 6, 2002**

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ENVIRONMENTAL ■ GEOTECHNICAL ■ MATERIALS



Project No. 09100-06-32  
Task Order No. 07-496101-RE  
EA 002101  
June 6, 2002

## OVERNIGHT DELIVERY

Ms. Susan Greenwood  
California Department of Transportation  
District 6, Office of Environmental Engineering  
2015 East Shields Avenue, Suite 100  
Fresno, California 93726

Subject: ADL INVESTIGATION  
ROUTE 60 (KP 3.1/5.0)  
LOS ANGELES COUNTY, CALIFORNIA  
CONTRACT NO. 43A0078  
TASK ORDER NO. 07-496101-RE  
EA 002101

Dear Ms. Greenwood:

In accordance with Caltrans Contract No. 43A0078 and Task Order No. 07-496101-RE dated February 20, 2002, Geocon Consultants, Inc. has performed an aerially deposited lead (ADL) investigation at the site consisting of the exposed soil up to 25 meters from the edge of the traveled way along Route 60 (KP 3.1/5.0) at four proposed soundwall locations within the County of Los Angeles. The accompanying report summarizes the services performed, including the advancement of hand-auger borings, limited soil sampling, laboratory analyses, statistical analyses, and Geographical Information Systems (GIS) Surveying. Please call us if you have any questions.

Sincerely,

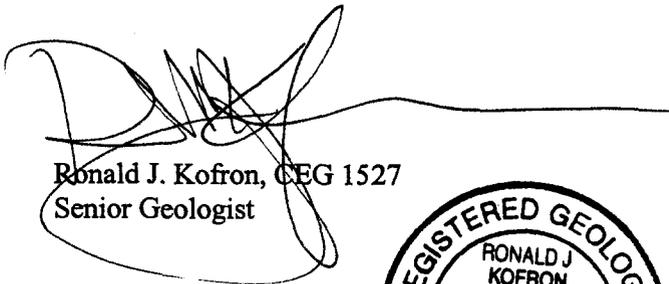
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## I. EXECUTIVE SUMMARY

Geocon Consultants, Inc. (Geocon) has performed an aerially deposited lead (ADL) investigation at the site consisting of the exposed soil up to 25 meters (m) from the edge of the traveled way along Route 60 (KP 3.1/5.0) at four proposed soundwall locations within the County of Los Angeles. The California Department of Transportation (Caltrans) proposes to excavate soil at the site for construction of proposed Soundwalls 34, 38, 40, and 44.

The investigation was performed to evaluate the presence of lead resulting from the historical combustion of leaded fuels from freeway traffic. Data from the investigation was used to evaluate the potential reuse or disposal considerations for soil excavated at the site, and to inform Caltrans of potential health and safety issues concerning the presence of lead in soil for workers at the site during construction activities.

Soil samples collected from the site were subsequently analyzed for total lead, soluble lead using the Waste Extraction Test (WET) method using citric acid as the extractant, and soluble lead using a modified WET method using deionized water (WET-DI) as the extractant. In addition, selected soil samples were analyzed for soluble lead using the Toxicity Characteristic Leaching Procedure (TCLP) method, California Code of Regulations (CCR) Title 22 metals, and soil pH.

Laboratory analytical results and statistical analysis using one-sided 90% upper confidence limits (UCLs) were compared to the guidelines of the Department of Toxic Substances Control (DTSC) Lead Variance issued to Caltrans and Assembly Bill 414 to develop recommendations for reuse of soil from each area. Offsite disposal conclusions were based upon comparison of the total lead 95% UCLs to the California Health and Safety Code (HSC) disposal threshold of 350 milligrams per kilogram (mg/kg) and predicted WET-Citric results to the CCR Title 22 soluble lead threshold of 5 mg/l. These conclusions are presented below:

### **SOUNDWALLS 34 AND 38**

Based upon the 95% arcsine transformed UCLs and predicted WET-Citric results, the upper 0.60 m of soil would likely be considered non-hazardous with respect to lead content. The underlying soil from a depth of 0.60 m to 1.5 m would likely also be considered a non-hazardous material with respect to lead content. If the entire soil column to a depth of 1.5 m is treated as a single unit it would likely be considered a non-hazardous material with respect to total and soluble lead content.

The soils discussed above may be reused or disposed without restriction.

Caltrans should notify the contractors performing the construction activities that hazardous concentrations of lead may be present in surficial soils and that appropriate health and safety measures should be taken to minimize the exposure to lead.

#### **SOUNDWALL 40**

Based upon the 90% arcsine transformed UCLs and average WET-DI concentrations, all soils up to 1.5 m beneath the surface would likely be suitable for reuse according to the DTSC lead Variance for Caltrans, dated September 22, 2000. Based upon the 95% arcsine transformed UCLs and predicted WET-Citric results, the upper 0.60 m of soil would likely be considered hazardous with respect to total and soluble lead content. The underlying soil from 0.60 m to 1.5 m would likely be considered non-hazardous with respect to lead. The entire soil column to a depth of 1.5 m would likely be classified as a hazardous material with respect to total and soluble lead content.

If any portion of the upper 1.5 m of soil is to be reused on-site, it should be covered by at least 0.30 m of non-hazardous soil and placed at least 1.5 m above the maximum groundwater elevation in accordance with the DTSC Variance. If the upper 0.60 m of soil excavated from the site is to be disposed, it should be handled as a hazardous material with respect to total and soluble lead content. If the upper 1.5 m is disposed as a single unit, it should be handled as a hazardous material with respect to total and soluble lead content.

Caltrans should notify the contractors performing the construction activities that hazardous concentrations of lead may be present in soils at the site and that appropriate health and safety measures should be taken to minimize the exposure to lead.

#### **SOUNDWALL 44**

Based upon the 90% arcsine transformed UCLs and average WET-DI concentrations, all soils up to 0.90 m beneath the surface would likely be suitable for reuse according to the DTSC Lead Variance. Based upon the 95% arcsine transformed UCLs and predicted WET-Citric results, the upper 0.60 m of soil would likely be considered hazardous with respect to lead content. The underlying soil from 0.60 m to 0.90 m would likely be considered non-hazardous with respect to lead. The entire soil column to a depth of 0.90 m would likely be classified as a hazardous material with respect to total and soluble lead content.

If any portion of the upper 0.90 m of soil is to be reused on-site, it should be covered by at least 0.30 m of non-hazardous soil and placed at least 1.5 m above the maximum groundwater elevation in accordance with the DTSC Variance. If the upper 0.60 m of soil excavated from the site is to be

disposed, it should be handled as a hazardous material with respect to total and soluble lead content. If the upper 0.90 m is disposed as a single unit, it should be handled as a hazardous material with respect to total and soluble lead content.

Caltrans should notify the contractors performing the construction activities that hazardous concentrations of lead may be present in soils at the site and that appropriate health and safety measures should be taken to minimize the exposure to lead.

# AERIALY DEPOSITED LEAD INVESTIGATION REPORT

## 1. INTRODUCTION

### 1.1 Project Description and Objectives

Geocon has performed an aerially deposited lead (ADL) investigation at the site consisting of the exposed soil up to 25 meters (m) from the edge of the traveled way along Route 60 (KP 3.1/5.0) at four proposed soundwall locations within the County of Los Angeles. (Figure 1).

The objective of the ADL investigation was to evaluate soil at the site for the presence of lead resulting from the historical combustion of leaded fuels from freeway traffic. The information obtained from the limited soil sampling and laboratory testing was used to determine the method of reuse or disposal of soil excavated during the proposed construction activities at the site. The data was also used to inform Caltrans of potential health and safety issues for workers at the site during construction activities. For the purpose of this ADL investigation, Soundwalls 34, 38, 40, and 44 were treated as separate areas of investigation.

### 1.2 Scope of Work

Geocon performed the following tasks:

#### 1.2.1 Pre-field Activities

- Attended a Task Order meeting on March 7th, 2002, to discuss issues such as field methods, boring locations, health and safety measures, and the completion schedule.
- Prepared a Health and Safety Plan (H&SP) dated March 15, 2002, for the proposed activities. The Health and Safety Plan included guidelines for the use of personal protective equipment for Geocon employees during the field activities. The H&SP specifies the safety procedures for work to be performed at the site, chemical hazard information, site safety officers, and medical emergency locations. The H&SP was prepared as required by Contract 43A0078 in general accordance with 29 CFR 1910.120 and California Code of Regulations (CCR) Title 8.
- Contacted Underground Service Alert (USA) to notify utility companies of the field activities.

#### 1.2.2 Limited Soil Sampling

A 7.62-centimeter-diameter hand auger was used to collect 145 soil samples from 40 boring locations from Soundwalls 34, 38, 40, and 44 on March 25 and 26, 2002 (refer to Section 4.2). Fifty-six samples were not collected due to obstructions within the borehole. Boring locations were provided by Caltrans

as specified on Page 2 of Task Order No. 07-496101-RE, dated February 20, 2002, for the evaluation of the subsurface condition at the site. Whenever possible, the borings were advanced to a maximum depth of 1.5 m below the ground surface, and soil samples were collected at 0.15 m, 0.30 m, 0.60 m, 0.90 m, and 1.5 m. The approximate boring locations are shown on the Boring Location Map, Figure 2. The borings were subsequently backfilled with the soil cuttings generated.

### **1.2.3 Laboratory Analyses**

Geocon submitted the soil and water samples under chain of custody procedures to Advanced Technology Laboratories (ATL), a California Department of Health Services (CDOHS)-certified analytical laboratory. All soil samples were analyzed for total lead following United States Environmental Protection Agency (EPA) Test Method 6010B. Soil samples exhibiting total lead concentrations greater than or equal to 50 milligrams per kilograms (mg/kg) and less than 1,000 mg/kg were analyzed for soluble lead following EPA Test Method 7420 using the WET-Citric method. Samples exhibiting WET-Citric concentrations greater than or equal to 5 milligrams per liter (mg/l) were analyzed for soluble lead following EPA Test Method 7420 using the WET-DI method. Soil samples exhibiting total lead concentrations greater than 1,000 mg/kg were analyzed using the Toxicity Characteristic Leaching Procedure (TCLP) method. The two samples containing the highest total lead concentration from each proposed soundwall location were analyzed for the CCR Title 22 metals. In addition, ten percent of the soil samples were analyzed for pH following EPA Test Method 9045.

Decontamination water samples were analyzed for total lead using EPA Test Method 6010B.

### **1.2.4 GIS Surveying**

Each boring location was recorded using a Global Positioning System (GPS) receiver. Data was recorded using the Axis III™ receiver system, using State Plane 83 coordinates, with the IMAP™ software package. Boring location coordinates, in latitude and longitude, are provided in Appendix A.

### **1.2.5 Report Preparation**

This report was prepared as outlined in Contract No. 43A0078 and in Task Order No. 07-496101-RE, summarizing the results of the aerially deposited lead investigation activities requested by Caltrans.

### **1.3 Previous Site Investigations**

Geocon has not performed a previous investigation at the site. In addition, Caltrans has not notified Geocon of previous investigations performed at the site.

## **2. BACKGROUND**

### **2.1 Aerially Deposited Lead in Soil**

Testing by Caltrans throughout the State has shown that aerially deposited lead exists in soil along major freeway routes resulting from automobile exhaust containing lead from the combustion of leaded gasoline. Elevated lead concentrations are generally found within 9.1 m of the edge of pavement and within the top 0.15 m of soil. Elevated lead concentrations can also be present as deep as 0.60 to 0.90 m below the surface. The concentration and distribution of aerially deposited lead in soil is dependent on many variables, but in general, traffic volume and age of a highway are the primary factors.

### **2.2 Hazardous Waste Classification Criteria**

Regulatory criteria to classify a waste as "California hazardous" for handling and disposal purposes are contained in CCR Title 22, Division 4.5, Chapter 11, Article 3, §66261.24. Criteria to classify a waste as "Resource, Conservation, and Recovery Act (RCRA) hazardous" are contained in Chapter 40 of the *Code of Federal Regulations* (40 CFR), §261.

For a waste containing metals, the waste is classified as "California hazardous" when: (1) the total metal content exceeds the Total Threshold Limit Concentration (TTLC); or (2) the soluble metal content exceeds the Soluble Threshold Limit Concentration (STLC) based on a Waste Extraction Test (WET) analysis. A material is classified as "RCRA hazardous" when the soluble metal content exceeds the Federal Regulatory Level based on TCLP testing.

The above regulatory criteria are based on toxicity. Wastes may also be classified as hazardous based on other criteria including ignitability, toxicity, corrosivity, and reactivity. However, for the purposes of ADL investigations, toxicity and corrosivity (i.e., chemical concentrations and soil pH values, respectively) are the primary factors considered for waste classification. Waste that is classified as either "California hazardous" or "RCRA hazardous" requires management as a hazardous waste and disposal at an approved disposal facility.

According to §25157.8 of the California Health and Safety Code (HSC), after January 1, 1999, no person shall dispose of waste that contains total lead in excess of 350 mg/kg to land other than a Class I hazardous waste disposal facility.

### **2.3 DTSC Variance**

The DTSC issued a variance to selected Caltrans Districts on September 22, 2000, to provide guidance for the disposition of soil containing ADL within Caltrans projects. The California State Assembly passed Assembly Bill (AB) 414 dated October 14, 2001 which allows Caltrans to reuse lead impacted soil with their rights-of-way provided that total lead concentrations do not exceed 1,496 mg/kg. Review of the variance and AB 414 indicates the following conditions regarding Caltrans' reuse and management of ADL impacted soil as fill material for construction and maintenance operations.

#### **2.3.1 Condition 1**

Soil exhibiting soluble lead concentrations less than or equal to 0.5 mg/l (WET-DI) and total lead concentrations of 1,496 mg/kg or less may be used as fill provided that the soil containing ADL is placed a minimum of 1.5 m above the maximum water table elevation and covered with at least 0.3 m of clean soil. However, ADL impacted soil with pH less than 5.0 shall only be used as fill material under the paved portion of the freeway, as specified in Condition 3 below.

#### **2.3.2 Condition 2**

Soil exhibiting soluble lead concentrations greater than 0.5 mg/l (WET-DI) and total lead concentrations of 1,496 mg/kg or less may be used as fill provided that the soil containing ADL is placed a minimum of 1.5 m above the maximum water table elevation and protected from infiltration by a pavement structure maintained by Caltrans.

ADL impacted soil with a pH less than 5.0 shall only be used as fill material under the paved portion of the freeway.

#### **2.3.3 Condition 3**

Contaminated soil with a pH less than 5.0 may be used as fill material only under the paved portion of the roadway. Condition 3 prevails under either Condition 1 or 2.

## **2.4 Criteria For Disposal Of Soil Not Intended For Reuse Onsite**

If the excavated soil is not intended to be reused within the Caltrans right-of-way, then hazardous waste determination of the soil is based on total and soluble lead concentrations using the lead TTLC and STLC contained in Title 22 of the CCR Article 3, §66261.24. When the total lead concentration is greater than ten times the lead STLC, regulatory agencies typically initiate the requirement for WET using citric acid. It is the result from the WET that is compared to the STLC value. The TTLC value for lead is 1,000 mg/kg and the STLC for lead using acid extract is 5.0 mg/l. However, as previously indicated, disposal of waste that contains total lead in excess of 350 mg/kg to land other than a Class I hazardous waste disposal facility (or other designated facility meeting all the criteria in HSC 25157.8(3)(b)) is prohibited.

## **3. INVESTIGATIVE METHODS**

### **3.1 Field Methods**

#### **3.1.1 Soil Sampling**

Soil sampling and handling methods used by Geocon to complete this Task Order are outlined in the following modified Geocon Standard Operating Procedures (SOPs) presented as Appendix B:

- Modified SOP No. 11 - Hand-Augering and Soil Sample Collection/Handling Procedures

#### **3.1.2 Decontamination Water Sample Analysis**

All liquids resulting from cleaning of sampling equipment were placed in a sealed 55 gallon drum and stored at a Caltrans maintenance station. One water sample was collected at the conclusion of the field activities and was analyzed for lead, its result was 0.0063 mg/l. Based on this result, the drum of decontamination water was emptied on site. Care was taken to prevent the liquids from entering storm drains.

### **3.2 Deviations from Work Plan**

Geocon performed the scope of work generally described in the TO. At the request of Caltrans, all soil samples exhibiting total lead concentrations greater than 1,000 mg/kg were analyzed for lead using the TCLP method.

## 4. INVESTIGATIVE RESULTS AND FIELD OBSERVATIONS

### 4.1 Site Geology and Hydrology

The soil conditions encountered consisted generally of loose to medium dense, dry to moist, brown to dark-brown, fine to coarse grained silty sand with some cobbles. Groundwater was not encountered in the hand auger borings.

### 4.2 Analytical Laboratory Results

A summary of the results of the laboratory analyses for total lead, WET-Citric, WET-DI, TCLP, and pH is presented in Table I. A summary of the results of the laboratory analyses for CCR Title 22 metals is presented in Table II. Reproductions of the laboratory reports and chain-of-custody documentation are presented as Appendix C. Samples analyzed for total lead were processed using laboratory 24-hour turn around time. All other analyses were processed using laboratory standard turn around times (10 business days). Soil sample analytical results for the soundwall sites are summarized as follows (see Section 1.2.3 for analytical methods used).

Soundwall	Total Lead Samples (Range [mg/kg])	WET-CITRIC Samples (Range [mg/l])	WET-DI Samples (Range [mg/l])	pH Samples (Range)	TCLP Samples (Range [mg/l])
34	53 (ND-120)	11 (1.4-12)	7 (ND-0.24)	6 (5.13-7.07)	---
38	47 (ND-190)	13 (ND-9)	7 (ND)	4 (6.34-8.46)	---
40	30 (ND-1600)	11 (4.8-82)	9 (ND-0.49)	3 (6.98-7.91)	4 (1.8-3.0)
44	15 (11-1600)	7 (5.9-58)	7 (ND-0.81)	2 (7.40-8.64)	2 (2.3-4.2)

ND = detected above laboratory detection limits (total lead = 5 mg/kg, soluble lead = 0.2 mg/l)  
 --- = samples not analyzed

- CCR Title 22 Metals** - Two soil samples for each soundwall area were analyzed for CCR Title 22 metals. Metals included in this analysis are antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc. With the exception of lead, none of the metals concentrations were detected at or above the respective TTLC, nor were they detected at or above ten times the respective STLCS;

- **Decontamination Water** - The decontamination water was analyzed for total lead. Total lead concentration was 0.0063 mg/l. Based on this result, the decontamination water was emptied in the Caltrans right-of-way. Care was taken to avoid the discharge of the decontamination water into stormdrains.

### 4.3 Data Validation

Geocon and ATL use QA/QC measures to minimize and control errors associated with field and laboratory methods. Field QA/QC measures consist of cleaning sampling equipment between each use with a detergent solution followed by successive rinses in tap and deionized water. Geocon considers the field investigation free from potential cross-contamination resulting from inadequate equipment decontamination.

Laboratory QA/QC measures include the use of matrix spikes, duplicates, and method blanks, in addition to calculation of percent recovery and relative percentage difference (RPD). A review of the laboratory QA/QC results indicates satisfactory data reporting.

## 5. DATA EVALUATION

### 5.1 Lead Distribution Analysis

The results of the analytical testing indicates that 10 soil samples collected from the proposed soundwall locations are above the California disposal threshold of 350 mg/kg for total lead content and 30 samples were above the STLC maximum concentration of 5 mg/l. Six soil samples exhibited total lead concentrations greater than 1,000 mg/kg. None of these samples exceeded the RCRA hazardous waste criteria of 5 mg/l when analyzed using the TCLP analysis. The distribution of samples exceeding these regulatory criteria are summarized in the table below:

Soundwall	Number of Samples Analyzed	Number of Soil Samples Exceeding 350 mg/kg Total Lead	Number of Soil Samples Exceeding 1,000 mg/kg Total Lead	Number of Soil Samples Exceeding 5 mg/l Soluble Lead (WET CITRIC)	Number of Soil Samples Exceeding 5 mg/l Soluble Lead (TCLP)
34	53	0	0	7	0
38	47	0	0	7	0
40	30	5	4	9	0
44	15	5	2	7	0

## 5.2 Statistical Evaluation Methods

The analytical laboratory results were evaluated statistically to examine the appropriate method of reuse or offsite disposal of the soils. Prior to performing the following calculations, analytical results reported as below the detection limit were assigned a value of one-half the detection limit. Statistical methods were applied to the lead data set collected adjacent to the site to evaluate: 1) if an acceptable correlation between total and soluble lead concentrations exists that would allow the prediction of soluble lead concentrations based on calculated UCLs; 2) the total lead data population distribution, and 3) the one-sided upper confidence limits (UCLs) on the true means of the total lead concentrations for different soil mixing scenarios.

## 5.3 Data Correlation

A test for data correlation is used to verify the integrity of the equation used to predict soluble lead concentrations. An acceptable correlation should have a correlation coefficient ("r") of 0.8 or greater between total and soluble lead (WET-citric) analytical results.

Soundwall	Correlation
34	Acceptable
38	Acceptable
40	Acceptable
44	Acceptable

The correlation coefficients for the proposed soundwall areas are discussed in Section 6.0 of this report.

## 5.4 Regression Analysis

A linear regression analysis is necessary to create a soluble lead prediction model for use with the 90% and 95% UCLs. The model is created by plotting the total lead and soluble lead (WET-Citric) paired data points on a scatter plot chart. A linear regression line is then added to the chart using the equation:

$$y = mx + b$$

where:

y = *WET Citric result, mg/l*

x = *total lead result, mg/kg*

b = *the y-intercept*

$$m = \text{Slope} = \frac{r \times s_t}{s_s}$$

where:

$r$  = correlation coefficient

$s_t$  = standard deviation of the total lead results

$s_s$  = standard deviation of the soluble lead results

The linear equation corresponding to the regression line is then used to predict a soluble lead concentration for the statistical total lead UCLs. The integrity of the equation is directly related to the correlation coefficient described in Section 5.3.

## 5.5 Population Distribution

A test for population distribution is necessary to apply the appropriate methods when examining the UCLs on the true total lead means. When evaluating the distribution of total lead concentrations, all total lead data from each area were treated as one data set. In accordance with *Chapter Nine, SW-846, 3<sup>rd</sup> Edition, U.S. Environmental Protection Agency, 1986, (Chapter Nine, SW-846)* distribution was evaluated by comparing the mean versus the variance of the total lead data sets. If the mean was greater than the variance, the data set was assumed to be normally distributed and transformation was not performed. If the mean was less than the variance, the data set was transformed using an arcsine conversion. If the mean was approximately equal to the variance the data set was transformed using a square-root conversion.

## 5.6 Calculating the Upper Confidence Limits for the True Mean

Statistical confidence limits are the classical tool for addressing uncertainties of a distribution mean. The UCLs of the true mean concentration are used as the mean concentrations because it is not possible to know the true mean. The UCLs therefore account for uncertainties due to limited sampling data. As more data are available for a given site, uncertainty decreases and the UCLs move closer to the true mean.

A 90% UCL is desired if the soil is to be reused on-site and a 95% UCL is desired if the soil is to be disposed of offsite or relinquished to a contractor as described in Task Order No. 07-496101-RE. The maximum 90% UCL allowed for re-use of on-site soil is 1,496 mg/kg and the maximum 95% UCL allowed for disposal is 350 mg/kg. The one-sided 90 and 95% UCLs of the true mean are defined as the values that, when calculated repeatedly for randomly drawn subsets of site data, equal or exceed the true mean 90 and 95% of the time, respectively. The following statistical equation (from *Chapter Nine, SW-846*) was used to calculate the UCLs:

$$UCL = \bar{x} + t_p \frac{S}{\sqrt{n}}$$

Where:

- $\bar{x}$  = sample mean
- $t_p$  = student's t for a one-tailed confidence interval and a probability of p
- $S$  = standard deviation
- $n$  = number of samples

For the purpose of this investigation, the samples were assumed to be collected using systematic random sampling. *Chapter Nine of SW-846* indicates a statistical transformation should be used if the data set is not normally distributed, and statistical evaluations should be performed on the transformed scale. Based on calculation of the mean and variance of the data sets and visual interpretation of the data, the data sets should be transformed.

The mean was less than the variance for the non-transformed data indicating that the data set was not normally distributed and transformation was necessary. The raw data were transformed using the arcsine transformation. The arcsine transformation was accomplished by dividing each total lead result by the maximum concentration (this results in a data set of all numbers falling between 0 and 1), calculating the arcsine of the quotient. ( $y_i = \arcsine(x/x_{max})$ ), performing the statistical calculations on the transformed data, and finally re-converting the result to real numbers ( $z_i = x_{max} \sin y_i$ ).

In order to evaluate different soil excavation scenarios, different UCLs were calculated. Data from Soundwalls 34, 38, and 40 were each divided into the following five data sets:

- Total lead concentrations for soil samples collected from 0 to 0.15 m (Data Set A);
- Total lead concentrations for soil samples collected from 0.15 to 0.30 m (Data Set B);
- Total lead concentrations for soil samples collected from 0.45 to 0.60 m (Data Set C);
- Total lead concentrations for soil samples collected from 0.75 to 0.90 m (Data Set D); and
- Total lead concentrations for soil samples collected from 1.35 to 1.5 m (Data Set E).

Using the data sets above, the following UCLs for the true means were calculated for Soundwalls 34, 38, and 40.

- UCL for the top 0.15 m of soil (Data Set A) and the UCL for the underlying soil (Data Sets B, C, D, and E);
- UCL for the top 0.30 m of soil (Data Sets A and B) and the UCL for the underlying soil (Data Sets C, D, and E);

- UCL for the top 0.60 m of soil (Data Sets A, B, and C) and the UCL for the underlying soil (Data Sets D and E);
- UCL for the top 0.90 m of soil (Data Sets A, B, C, and D) and the UCL for the underlying soil (Data Set E); and
- UCL for the entire 1.5 m soil column (Data Sets A, B, C, D, and E).

Data from Soundwall 44 was divided into the following four data sets:

- Total lead concentrations for soil samples collected from 0 to 0.15 m (Data Set A);
- Total lead concentrations for soil samples collected from 0.15 to 0.30 m (Data Set B);
- Total lead concentrations for soil samples collected from 0.45 to 0.60 m (Data Set C); and
- Total lead concentrations for soil samples collected from 0.75 to 0.90 m (Data Set D).

Using the data sets above, the following UCLs for the true means were calculated for Soundwall 44:

- UCL for the top 0.15 m of soil (Data Set A) and the UCL for the underlying soil (Data Sets B, C, and D);
- UCL for the top 0.30 m of soil (Data Sets A and B) and the UCL for the underlying soil (Data Sets C and D);
- UCL for the top 0.60 m of soil (Data Sets A, B, and C) and the UCL for the underlying soil (Data Set D); and
- UCL for the entire 0.9 m soil column (Data Sets A, B, C, and D).

For reference, tables summarizing the results of the 90% and 95% UCLs and predicted soluble lead concentrations presented below along with re-use and disposal conditions. Additional soil excavation and mixing scenarios can be found on the Block Diagrams in Appendix D.

#### 90% UCL Lead Analysis and Soil Management Summary

Area	Soil Interval (m)	Total Lead 90 % UCL (mg/kg)	Within Variance?	Soluble Lead WET-DI (mg/l)	DTSC Variance Condition
SOUNDWALL 34	0 - 1.5	36.5	yes	0.10	Condition 1
SOUNDWALL 38	0 - 1.5	50.3	yes	0.10	Condition 1
SOUNDWALL 40	0 - 1.5	500.0	yes	0.23	Condition 1
SOUNDWALL 44	0 - 0.9	648.6	yes	0.20	Condition 1

95% UCL Lead Analysis and Soil Management Summary

Area	Soil Interval (m)	Total Lead 95 % UCL (mg/kg)	Predicted Soluble Lead-95% UCL	Relinquish	Disposal
SOUNDWALL 34	0 - 1.5	38.5	2.2	Yes	Unrestricted
SOUNDWALL 38	0 - 1.5	53.3	3.0	Yes	Unrestricted
SOUNDWALL 40	0 - 1.5	544.4	53.6	No	Class 1
SOUNDWALL 44	0 - 0.9	714.8	57.3	No	Class 1

**6. CONCLUSIONS**

As with the laboratory analytical results, the data was categorized and evaluated based upon four unique investigation areas (Soundwalls 34, 38, 40, and 44). Regression analysis charts of total lead vs. soluble lead, and UCLs with corresponding soil excavation scenarios shown in block diagrams are presented as a portion of Appendix D. Separate conclusions regarding Caltrans right-of-way reuse and offsite disposal were then developed for each area. Reuse conclusions were based upon comparison of the referenced 90% transformed UCLs and the average WET-DI analytical results for each area to the DTSC variance and AB 414. Conclusions for surplus material and material relinquished to the contractor was based upon comparison of the total lead 95% transformed UCLs to the HSC disposal threshold of 350 mg/kg and predicted WET-Citric results to the CCR Title 22 soluble lead threshold of 5 mg/l. TCLP results were compared to the RCRA waste threshold of 5 mg/l. Results of CCR Title 22 metals analyses were also used in discussing offsite disposal. A summary of the statistical evaluation results and conclusions for each of the four areas is provided in the following sections.

**6.1 SOUNDWALLS 34 AND 38**

Based upon the 95% arcsine transformed upper confidence limit (UCL) and predicted WET-Citric results, the upper 0.60 m of soil would likely be considered non-hazardous with respect to lead content. The underlying soil from a depth of 0.60 m to 1.5 m would likely also be considered a non-hazardous material with respect to lead content. If the entire soil column to a depth of 1.5 m is treated as a single unit it would likely be considered a non-hazardous material with respect to total and soluble lead content.

## **6.2 SOUNDWALL 40**

Based upon the 90% arcsine transformed UCLs and average WET-DI concentrations, all soils up to 1.5 m beneath the surface would likely be suitable for reuse according to the DTSC lead Variance. Based upon the 95% arcsine transformed UCLs and predicted WET-Citric results, the upper 0.60 m of soil would likely be considered hazardous with respect to lead content. The underlying soil from 0.60 m to 1.5 m would likely be considered non-hazardous with respect to lead. The entire soil column to a depth of 1.5 m would likely be classified as a hazardous material with respect to lead content.

## **6.3 SOUNDWALL 44**

Based upon the 90% arcsine transformed UCLs and average WET-DI concentrations, all soils up to 0.9 m beneath the surface would likely be suitable for reuse according to the DTSC lead Variance. Based upon the 95% arcsine transformed UCLs and predicted WET-Citric results, the upper 0.60 m of soil would likely be considered hazardous with respect to lead content. The underlying soil from 0.60 m to 0.90 m would likely be considered non-hazardous with respect to lead. The entire soil column to a depth of 0.90 m would likely be classified as a hazardous material with respect to total and soluble lead content.

# **7. RECOMMENDATIONS**

## **7.1 SOUNDWALLS 34 AND 38**

The soils discussed above (Section 6.0) may be reused or disposed without restriction.

Caltrans should notify the contractors performing the construction activities that hazardous concentrations of lead may be present in surficial soils and that appropriate health and safety measures should be taken to minimize the exposure to lead.

## **7.2 SOUNDWALL 40**

If any portion of the upper 1.5 m of soil is to be reused on-site, it should be covered by at least 0.30 m of non-hazardous soil and placed at least 1.5 m above the maximum groundwater elevation in accordance with the DTSC Variance. If the upper 0.60 m of soil excavated from the site is to be disposed, it should be handled as a hazardous material with respect to total and soluble lead content. If the upper 1.5 m is disposed as a single unit, it should be handled as a hazardous material with respect to total and soluble lead content.

Caltrans should notify the contractors performing the construction activities that hazardous concentrations of lead may be present in soils at the site and that appropriate health and safety measures should be taken to minimize the exposure to lead.

### **7.3 SOUNDWALL 44**

If any portion of the upper 0.90 m of soil is to be reused on-site, it should be covered by at least 0.30 m of non-hazardous soil and placed at least 1.5 m above the maximum groundwater elevation in accordance with the DTSC Variance. If the upper 0.60 m of soil excavated from the site is to be disposed, it should be handled as a hazardous material with respect to total and soluble lead content. If the upper 0.90 m is disposed as a single unit, it should be handled as a hazardous material with respect to total and soluble lead content.

Caltrans should notify the contractors performing the construction activities that hazardous concentrations of lead may be present in soils at the site and that appropriate health and safety measures should be taken to minimize the exposure to lead.

## **8. REPORT LIMITATIONS**

This report has been prepared exclusively for Caltrans. The information obtained is only relevant as of the date of the latest site visit. The information contained herein is only valid as of the date of the report, and will require an update to reflect additional information obtained.

The conclusions and recommendations presented herein are based on a limited number of samples collected from in-place soil and from widely spaced locations according to Caltrans prescribed protocol. The purpose of these sampling and characterization activities was to reasonably predict the character of soil to be disturbed for planned construction activities within the described limits of the Caltrans right of way. The disposition and handling of the soil are governed by the California regulations cited above. Characterization of the soil in the study areas for Federal waste criteria was beyond the scope of work in this task order.

Only a limited number of samples were analyzed using the TCLP method used to classify Federal waste. It is possible, that soil disturbed, excavated and stockpiled could exceed Federal standards for hazardous waste and may require handling as a RCRA waste.

The Client should recognize that this report is not a comprehensive site characterization and should not be construed as such. The appropriate regulatory agency may require additional investigations. The findings and conclusions as presented in this report are predicated on the results of the limited soil

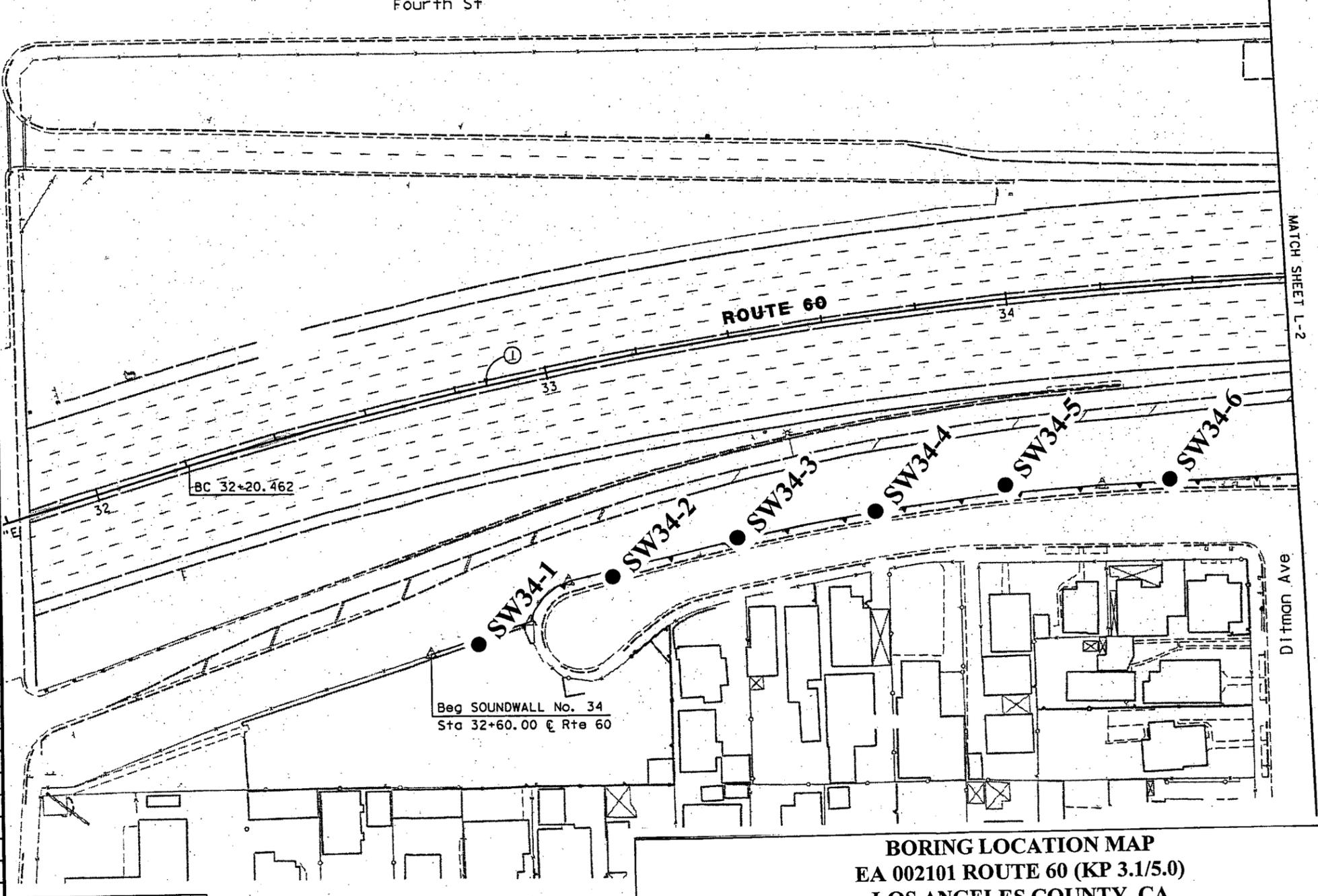
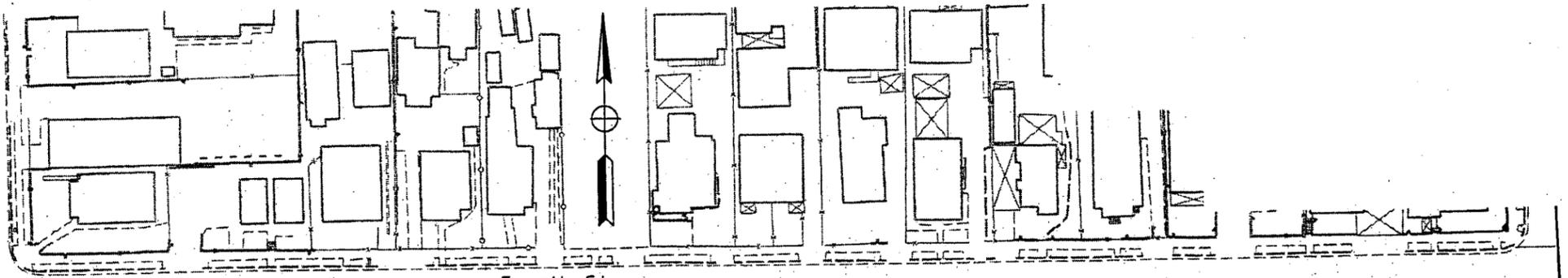
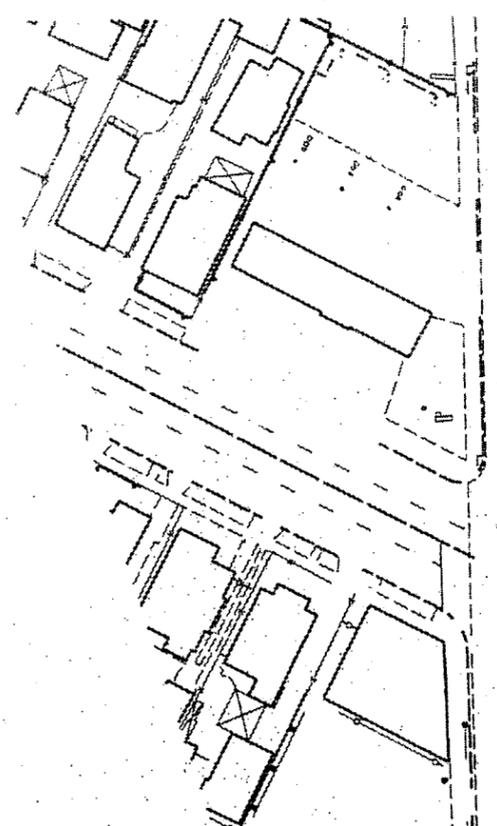
sampling and laboratory analyses performed. In addition, the information obtained is not intended to address potential impacts related to sources other than those specified herein.

Therefore, the report should only be deemed conclusive with respect to the information obtained. No guarantee or warranty of the results of the report is implied within the intent of this report or any subsequent reports, correspondence, or consultation, either express or implied. Geocon strived to perform the services summarized herein in accordance with the local standard of care in the geographic region at the time the services were rendered.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans PROJECT DEVELOPMENT**  
 PROJECT ENGINEER: **PETE PETRAKIS**  
 CALCULATED/DESIGNED BY: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_  
 HUSSE IN SENAN \_\_\_\_\_  
 DATE REVISED BY: \_\_\_\_\_ DATE REVISED: \_\_\_\_\_

Sample ID	Depth	Total Lead	Wet Citric	Wet DI	pH
SW34-1-S	0.15	71.00	4.60	--	6.89
SW34-1-0.3	0.30	18.00	--	--	--
SW34-1-0.6	0.60	9.80	--	--	--
SW34-1-0.9	0.90	6.10	--	--	--
SW34-1-1.5	1.50	ND	--	--	--
SW34-2-S	0.15	24.00	--	--	--
SW34-2-0.3	0.30	19.00	--	--	--
SW34-2-0.6	0.60	11.00	--	--	--
SW34-2-0.9	0.90	15.00	--	--	--
SW34-2-1.5	1.50	5.60	--	--	--
SW34-3-S	0.15	110.00	4.80	--	5.13
SW34-3-0.3	0.30	110.00	12.00	ND	--
SW34-3-0.6	0.60	81.00	5.00	--	--
SW34-4-S	0.15	37.00	--	--	--
SW34-4-0.3	0.30	45.00	--	--	--
SW34-4-0.6	0.60	5.30	--	--	--
SW34-4-0.9	0.90	ND	--	--	--
SW34-4-1.5	1.50	7.50	--	--	--
SW34-5-S	0.15	100.00	5.70	ND	--
SW34-5-0.3	0.30	84.00	5.10	ND	--
SW34-5-0.6	0.60	31.00	--	--	6.78
SW34-5-0.9	0.90	10.00	--	--	--
SW34-5-1.5	1.50	5.90	--	--	--
SW34-6-S	0.15	9.50	--	--	--
SW34-6-0.3	0.30	ND	--	--	--
SW34-6-0.6	0.60	ND	--	--	--
SW34-6-0.9	0.90	5.20	--	--	--
SW34-6-1.5	1.50	ND	--	--	--



08 266.27

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 0 20 40 60 80

**BORING LOCATION MAP**  
 EA 002101 ROUTE 60 (KP 3.1/5.0)  
 LOS ANGELES COUNTY, CA

**GEOCON**  
 CONSULTANTS INCORPORATED  
 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
 PHONE 858. 558-6100 - FAX 858. 558-8437

PROJECT NO. 09100-06-32  
 FIGURE 2, PLATE 1  
 DATE: 06-06-2002

MATCH SHEET L-2

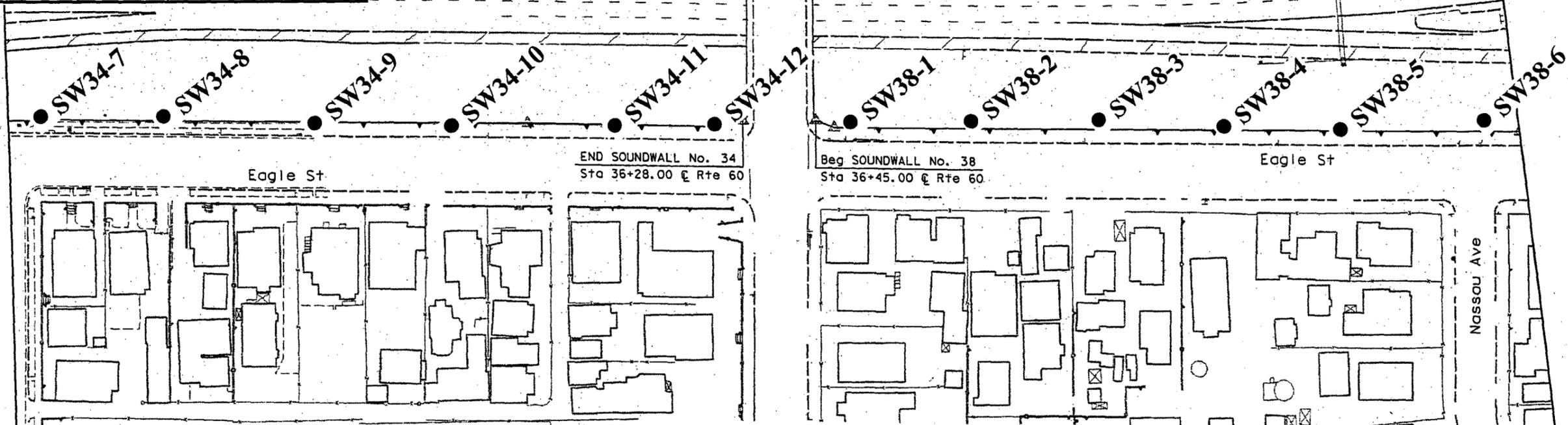
Dittmon Ave

DATE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** PROJECT DEVELOPMENT  
 PROJECT ENGINEER **PETE PETRAKIS**  
 CALCULATED/DESIGNED BY  
 CHECKED BY  
 HUSSEIN SENAN  
 DATE  
 REVISED BY  
 DATE REVISED

Sample ID	Depth	Total Lead	Wet Citric	Wet DI	pH
SW34-7-S	0.15	120.00	7.10	ND	--
SW34-7-0.3	0.30	7.70	--	--	--
SW34-7-0.6	0.60	8.00	--	--	7.03
SW34-7-0.9	0.90	5.90	--	--	--
SW34-7-1.5	1.50	27.00	--	--	--
SW34-8-S	0.15	69.00	5.20	0.24	--
SW34-8-0.3	0.30	5.50	--	--	--
SW34-8-0.6	0.60	12.00	--	--	--
SW34-9-S	0.15	77.00	5.40	ND	--
SW34-9-0.3	0.30	ND	--	--	--
SW34-9-0.6	0.60	7.70	--	--	--
SW34-9-0.9	0.90	ND	--	--	--
SW34-10-S	0.15	53.00	1.40	--	7.07
SW34-10-0.3	0.30	10.00	--	--	--
SW34-10-0.6	0.60	8.70	--	--	--
SW34-10-0.9	0.90	7.80	--	--	--
SW34-10-1.5	1.50	ND	--	--	--
SW34-11-S	0.15	30.00	--	--	--
SW34-11-0.3	0.30	7.30	--	--	--
SW34-11-0.6	0.60	6.90	--	--	--
SW34-11-0.9	0.90	6.60	--	--	--
SW34-11-1.5	1.50	ND	--	--	--
SW34-12-S	0.15	43.00	5.90	ND	6.47
SW34-12-0.3	0.30	39.00	--	--	--
SW34-12-0.6	0.60	18.00	--	--	--

Sample ID	Depth	Total Lead	Wet Citric	Wet DI	pH
SW38-1-S	0.15	130.00	6.30	ND	--
SW38-1-0.3	0.30	7.00	--	--	--
SW38-1-0.6	0.60	8.30	--	--	--
SW38-1-0.9	0.90	7.20	--	--	--
SW38-1-1.5	1.50	20.00	--	--	--
SW38-2-S	0.15	37.00	--	--	--
SW38-2-0.3	0.30	6.90	--	--	--
SW38-2-0.6	0.60	14.00	--	--	6.45
SW38-3-S	0.15	130.00	7.60	ND	--
SW38-3-0.3	0.30	6.90	--	--	--
SW38-3-0.6	0.60	66.00	3.90	--	--
SW38-4-S	0.15	120.00	7.50	ND	--
SW38-4-0.3	0.30	20.00	--	--	--
SW38-4-0.6	0.60	56.00	3.30	--	--
SW38-5-S	0.15	56.00	2.60	--	--
SW38-5-0.3	0.30	23.00	--	--	--
SW38-5-0.6	0.60	6.60	--	--	--
SW38-5-0.9	0.90	5.80	--	--	8.03
SW38-5-1.5	1.50	10.00	--	--	--
SW38-6-S	0.15	74.00	3.80	--	--
SW38-6-0.3	0.30	6.20	--	--	--
SW38-6-0.6	0.60	ND	--	--	--
SW38-6-0.9	0.90	ND	--	--	--
SW38-6-1.5	1.50	ND	--	--	--



CURVE DATA

No.	R	Δ	T	L
①	914.40	16° 41' 03"	134.08	266.27
②	914.40	30° 44' 31"	251.37	490.62

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

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**BORING LOCATION MAP**  
 EA 002101 ROUTE 60 (KP 3.1/5.0)  
 LOS ANGELES COUNTY, CA

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 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
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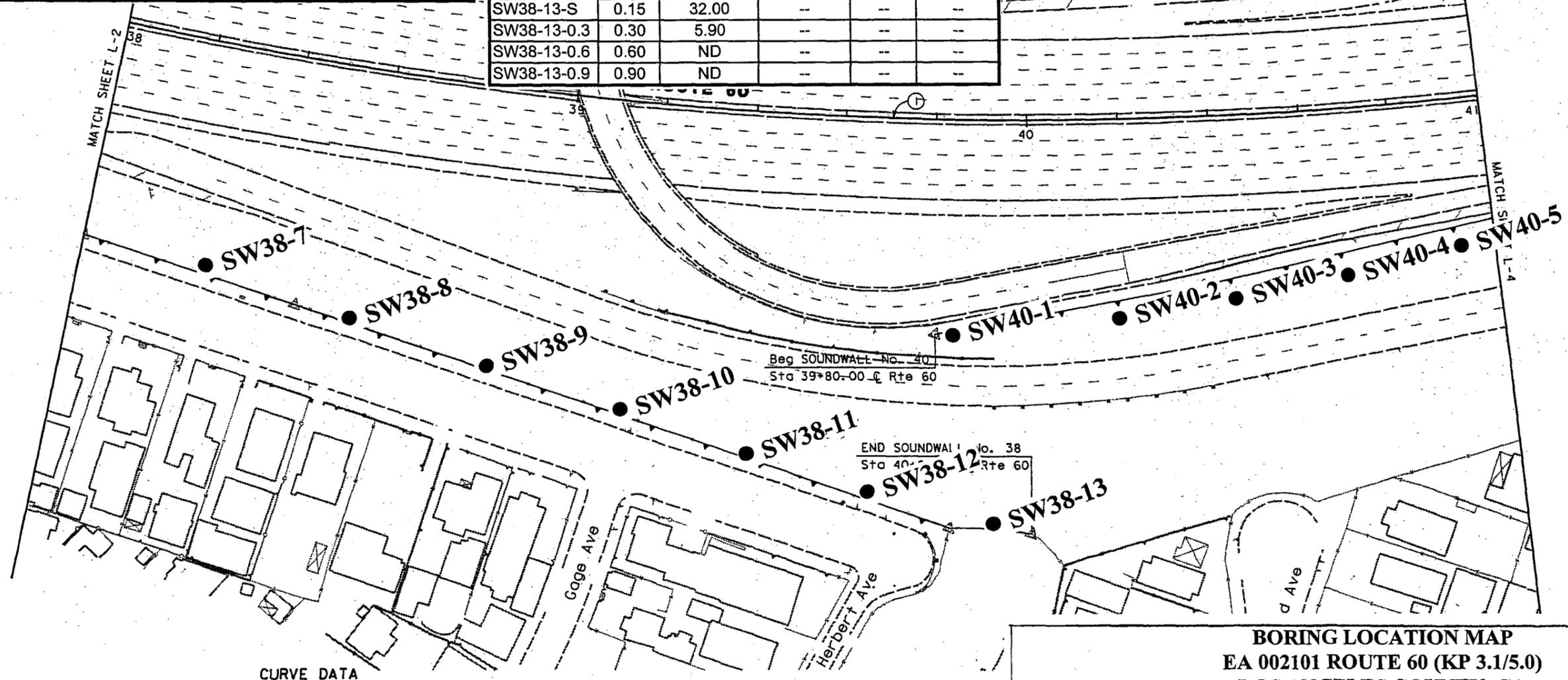
PROJECT NO. 09100-06-32  
 FIGURE 2, PLATE 2  
 DATE: 06-06-2002

ED: DATE  
 ED: TIME

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** PROJECT DEVELOPMENT  
 PROJECT ENGINEER **PETE PETRAKIS**  
 HUSSEIN SENAN  
 CALCULATED/DESIGNED BY  
 CHECKED BY  
 DATE REVISOR BY  
 DATE REVISOR BY

Sample ID	Depth	Total Lead	Wet Citric	Wet DI	TCLP	pH
SW40-1-S	0.15	210.00	18.00	0.21	--	7.91
SW40-1-0.3	0.30	32.00	--	--	--	--
SW40-1-0.6	0.60	ND	--	--	--	--
SW40-2-S	0.15	69.00	5.40	ND	--	--
SW40-2-0.3	0.30	12.00	--	--	--	--
SW40-2-0.6	0.60	12.00	--	--	--	--
SW40-2-0.9	0.90	5.50	--	--	--	--
SW40-2-1.5	1.50	9.30	--	--	--	--
SW40-3-S	0.15	220.00	13.00	ND	--	--
SW40-3-0.3	0.30	7.10	--	--	--	--
SW40-3-0.6	0.60	10.00	--	--	--	6.98
SW40-3-0.9	0.90	ND	--	--	--	--
SW40-3-1.5	1.50	8.30	--	--	--	--
SW40-4-S	0.15	1400.00	--	--	1.80	--
SW40-4-0.3	0.30	50.00	--	--	--	--
SW40-5-S	0.15	310.00	24.00	0.43	--	--
SW40-5-0.3	0.30	13.00	--	--	--	--
SW40-5-0.6	0.60	7.10	--	--	--	--
SW40-5-0.9	0.90	ND	--	--	--	--

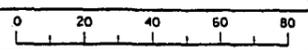
Sample ID	Depth	Total Lead	Wet Citric	Wet DI	pH
SW38-7-S	0.15	83.00	3.40	--	--
SW38-7-0.3	0.30	8.50	--	--	--
SW38-7-0.6	0.60	7.50	--	--	--
SW38-8-S	0.15	48.00	--	--	8.46
SW38-8-0.3	0.30	5.80	--	--	--
SW38-8-0.6	0.60	6.80	--	--	--
SW38-9-S	0.15	140.00	8.90	ND	--
SW38-9-0.3	0.30	11.00	--	--	--
SW38-9-0.6	0.60	15.00	--	--	--
SW38-9-0.9	0.90	8.80	--	--	--
SW38-10-S	0.15	80.00	6.10	ND	--
SW38-10-0.3	0.30	37.00	--	--	--
SW38-10-0.6	0.60	10.00	--	--	--
SW38-10-0.9	0.90	7.60	ND	--	6.34
SW38-10-1.5	1.50	8.50	--	--	--
SW38-11-S	0.15	190.00	9.00	ND	--
SW38-11-0.3	0.30	110.00	5.80	ND	--
SW38-12-S	0.15	48.00	--	--	--
SW38-12-0.3	0.30	8.10	--	--	--
SW38-13-S	0.15	32.00	--	--	--
SW38-13-0.3	0.30	5.90	--	--	--
SW38-13-0.6	0.60	ND	--	--	--
SW38-13-0.9	0.90	ND	--	--	--



No.	R	Δ	T	L
1	914.40	30° 44' 31"	251.37	490.62

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

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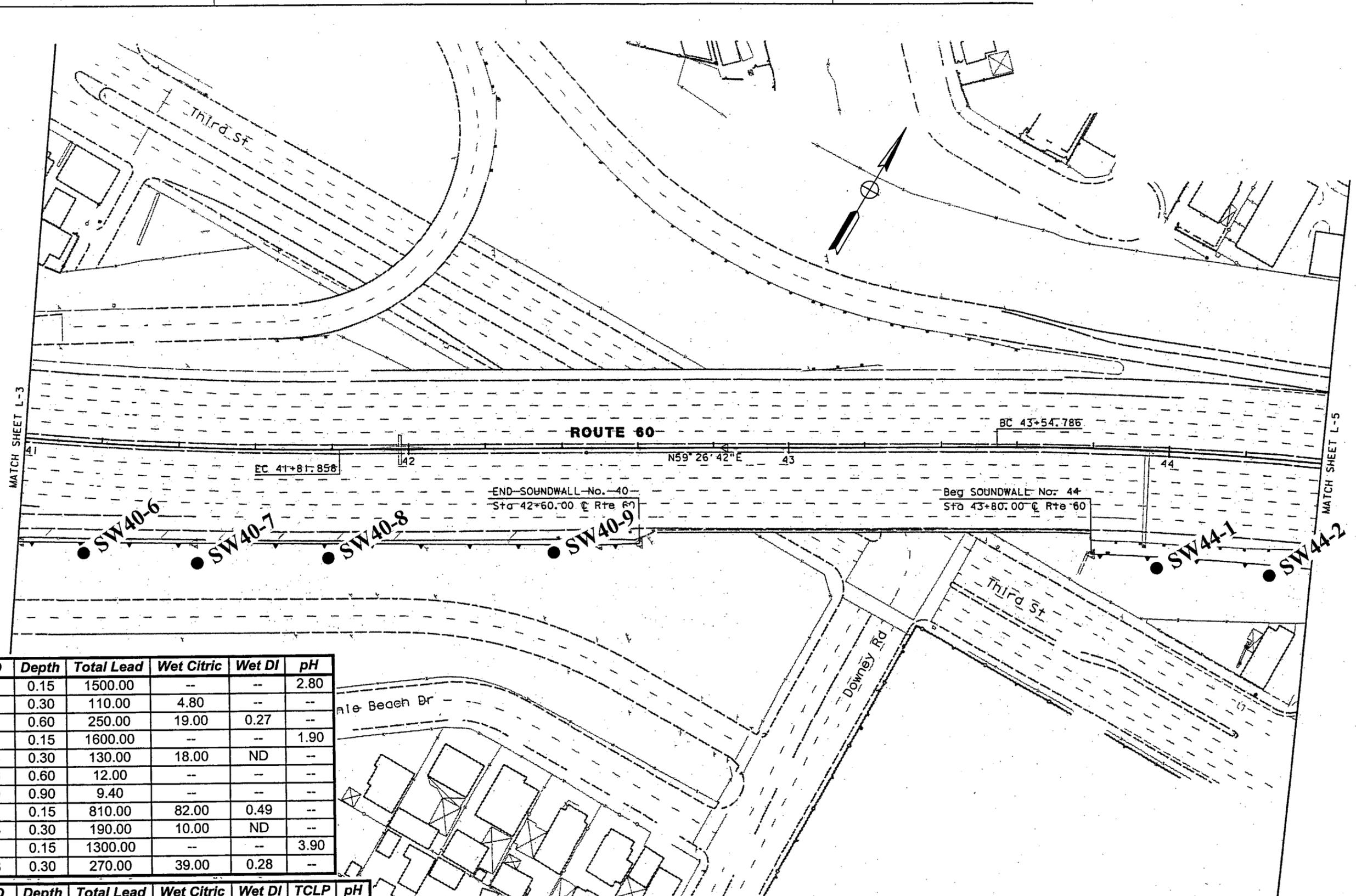


**BORING LOCATION MAP**  
**EA 002101 ROUTE 60 (KP 3.1/5.0)**  
**LOS ANGELES COUNTY, CA**

**GEOCON**  
 CONSULTANTS INCORPORATED  
 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
 PHONE 858.558-6100 - FAX 858.558-8437

PROJECT NO. 09100-06-32  
 FIGURE 2, PLATE 3  
 DATE: 06-06-2002

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans PROJECT DEVELOPMENT**  
 PROJECT ENGINEER  
**PETE PETRAKIS**  
 DATE REVISIED BY  
 DATE REVISIED  
 HUSSE IN SENAN  
 CHECKED BY



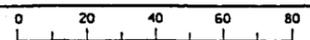
Sample ID	Depth	Total Lead	Wet Citric	Wet DI	pH
SW40-6-S	0.15	1500.00	--	--	2.80
SW40-6-0.3	0.30	110.00	4.80	--	--
SW40-6-0.6	0.60	250.00	19.00	0.27	--
SW40-7-S	0.15	1600.00	--	--	1.90
SW40-7-0.3	0.30	130.00	18.00	ND	--
SW40-7-0.6	0.60	12.00	--	--	--
SW40-7-0.9	0.90	9.40	--	--	--
SW40-8-S	0.15	810.00	82.00	0.49	--
SW40-8-0.3	0.30	190.00	10.00	ND	--
SW40-9-S	0.15	1300.00	--	--	3.90
SW40-9-0.3	0.30	270.00	39.00	0.28	--

Sample ID	Depth	Total Lead	Wet Citric	Wet DI	TCLP	pH
SW44-1-S	0.15	730.00	53.00	ND	--	7.40
SW44-1-0.3	0.30	25.00	--	--	--	--
SW44-2-S	0.15	750.00	58.00	ND	--	--
SW44-2-0.3	0.30	160.00	5.90	ND	--	--
SW44-2-0.6	0.60	17.00	--	--	--	--
SW44-2-0.9	0.90	31.00	--	--	--	--

L
490.62
288.08

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN



**BORING LOCATION MAP**  
**EA 002101 ROUTE 60 (KP 3.1/5.0)**  
**LOS ANGELES COUNTY, CA**

**GEOCON**  
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PROJECT NO. 09100-06-32  
 FIGURE 2, PLATE 4  
 DATE: 06-06-2002

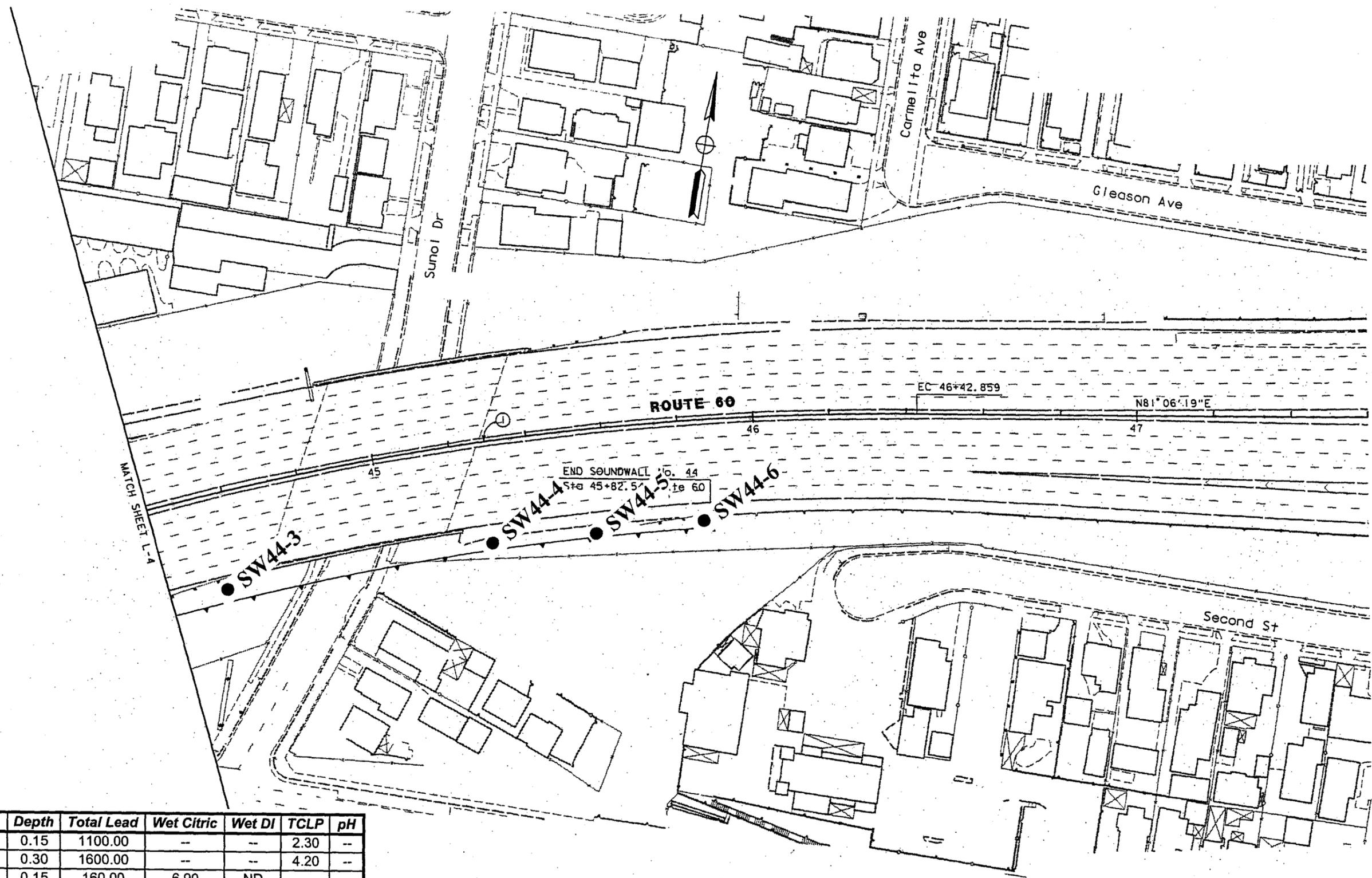
2-2-0111E

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** PROJECT DEVELOPMENT  
 PROJECT ENGINEER  
**PETE PETRAKIS**

DATE  
 REVISED BY  
 DATE REVISIED

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 DESIGNED BY  
 CHECKED BY

HUSSE IN SENAN

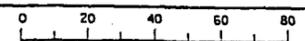


Sample ID	Depth	Total Lead	Wet Citric	Wet DI	TCLP	pH
SW44-3-S	0.15	1100.00	--	--	2.30	--
SW44-3-0.3	0.30	1600.00	--	--	4.20	--
SW44-4-S	0.15	160.00	6.90	ND	--	--
SW44-4-0.3	0.30	11.00	--	--	--	8.64
SW44-5-S	0.15	220.00	14.00	ND	--	--
SW44-5-0.3	0.30	27.00	--	--	--	--
SW44-6-S	0.15	96.00	6.00	ND	--	--
SW44-6-0.3	0.30	440.00	51.00	0.81	--	--
SW44-6-0.6	0.60	12.00	--	--	--	--

288.08

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS



**BORING LOCATION MAP**  
**EA 002101 ROUTE 60 (KP 3.1/5.0)**  
**LOS ANGELES COUNTY, CA**

**GEOCON**  
 CONSULTANTS INCORPORATED  
 6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974  
 PHONE 858.558-6100 - FAX 858.558-8437

PROJECT NO. 09100-06-32  
 FIGURE 2, PLATE 5  
 DATE: 06-06-2002

DATE  
 TIME

**TABLE I**  
**SUMMARY OF ANALYTICAL LABORATORY RESULTS- SOIL SAMPLES - LEAD AND pH**

Sample ID	Depth (Meters)	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead - WET Citric EPA Test Method 7420 (mg/l)	Soluble Lead WET-DI Water EPA Test Method 7420 (mg/l)	Soluble Lead TCLP EPA Test Method 7420 (mg/l)	Soil pH EPA Test Method 9045
SW34-1-S	0.15	71.00	4.60	---	---	6.89
SW34-1-0.3	0.30	18.00	---	---	---	---
SW34-1-0.6	0.60	9.80	---	---	---	---
SW34-1-0.9	0.90	6.10	---	---	---	---
SW34-1-1.5	1.50	ND	---	---	---	---
SW34-2-S	0.15	24.00	---	---	---	---
SW34-2-0.3	0.30	19.00	---	---	---	---
SW34-2-0.6	0.60	11.00	---	---	---	---
SW34-2-0.9	0.90	15.00	---	---	---	---
SW34-2-1.5	1.50	5.60	---	---	---	---
SW34-3-S	0.15	100.00	4.80	---	---	5.13
SW34-3-0.3	0.30	110.00	12.00	ND	---	---
SW34-3-0.6	0.60	81.00	5.00	---	---	---
SW34-4-S	0.15	37.00	---	---	---	---
SW34-4-0.3	0.30	45.00	---	---	---	---
SW34-4-0.6	0.60	5.30	---	---	---	---
SW34-4-0.9	0.90	ND	---	---	---	---
SW34-4-1.5	1.50	7.50	---	---	---	---
SW34-5-S	0.15	100.00	5.70	---	---	---
SW34-5-0.3	0.30	84.00	5.10	---	---	---
SW34-5-0.6	0.60	31.00	---	---	---	6.78
SW34-5-0.9	0.90	10.00	---	---	---	---
SW34-5-1.5	1.50	5.90	---	---	---	---
SW34-6-S	0.15	9.50	---	---	---	---
SW34-6-0.3	0.30	ND	---	---	---	---
SW34-6-0.6	0.60	ND	---	---	---	---

**TABLE I (continued)**  
**SUMMARY OF ANALYTICAL LABORATORY RESULTS - SOIL SAMPLES - LEAD AND pH**

Sample ID	Depth (Meters)	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead - Citric EPA Test Method 7420 (mg/l)	Soluble Lead - WET EPA Test Method 7420 (mg/l)	Soluble Lead WET-DI Water EPA Test Method 7420 (mg/l)	Soluble Lead TCLP EPA Test Method 7420 (mg/l)	Soil pH EPA Test Method 9045
SW34-6-0.9	0.90	5.20	---	---	---	---	---
SW34-6-1.5	1.50	ND	---	---	---	---	---
SW34-7-S	0.15	120.00	7.10	ND	ND	---	---
SW34-7-0.3	0.30	7.70	---	---	---	---	---
SW34-7-0.6	0.60	8.00	---	---	---	---	7.03
SW34-7-0.9	0.90	5.90	---	---	---	---	---
SW34-7-1.5	1.50	27.00	---	---	---	---	---
SW34-8-S	0.15	69.00	5.20	---	0.24	---	---
SW34-8-0.3	0.30	5.50	---	---	---	---	---
SW34-8-0.6	0.60	12.00	---	---	---	---	---
SW34-9-S	0.15	77.00	5.40	ND	ND	---	---
SW34-9-0.3	0.30	ND	---	---	---	---	---
SW34-9-0.6	0.60	7.70	---	---	---	---	---
SW34-9-0.9	0.90	ND	---	---	---	---	---
SW34-10-S	0.15	53.00	1.40	---	---	---	7.07
SW34-10-0.3	0.30	10.00	---	---	---	---	---
SW34-10-0.6	0.60	8.70	---	---	---	---	---
SW34-10-0.9	0.90	7.80	---	---	---	---	---
SW34-10-1.5	1.50	ND	---	---	---	---	---
SW34-11-S	0.15	30.00	---	---	---	---	---
SW34-11-0.3	0.30	7.30	---	---	---	---	---
SW34-11-0.6	0.60	6.90	---	---	---	---	---
SW34-11-0.9	0.90	6.60	---	---	---	---	---
SW34-11-1.5	1.50	ND	---	---	---	---	---
SW34-12-S	0.15	43.00	5.90	ND	ND	---	6.47
SW34-12-0.3	0.30	39.00	---	---	---	---	---
SW34-12-0.6	0.60	18.00	---	---	---	---	---

**TABLE I (continued)**  
**SUMMARY OF ANALYTICAL LABORATORY RESULTS - SOIL SAMPLES - LEAD AND pH**

Sample ID	Depth (Meters)	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead - WET Citric EPA Test Method 7420 (mg/l)	Soluble Lead WET-DI Water EPA Test Method 7420 (mg/l)	Soluble Lead TCLP EPA Test Method 7420 (mg/l)	Soil pH EPA Test Method 9045
<b>SOUNDWALL 38</b>						
SW38-1-S	0.15	130.00	6.30	ND	---	---
SW38-1-0.3	0.30	7.00	---	---	---	---
SW38-1-0.6	0.60	8.30	---	---	---	---
SW38-1-0.9	0.90	7.20	---	---	---	---
SW38-1-1.5	1.50	20.00	---	---	---	---
SW38-2-S	0.15	37.00	---	---	---	---
SW38-2-0.3	0.30	6.90	---	---	---	---
SW38-2-0.6	0.60	14.00	---	---	---	6.45
SW38-3-S	0.15	130.00	7.60	ND	---	---
SW38-3-0.3	0.30	6.90	---	---	---	---
SW38-3-0.6	0.60	66.00	3.90	---	---	---
SW38-4-S	0.15	120.00	7.50	ND	---	---
SW38-4-0.3	0.30	20.00	---	---	---	---
SW38-4-0.6	0.60	56.00	3.30	---	---	---
SW38-5-S	0.15	56.00	2.60	---	---	---
SW38-5-0.3	0.30	23.00	---	---	---	---
SW38-5-0.6	0.60	6.60	---	---	---	---
SW38-5-0.9	0.90	5.80	---	---	---	8.03
SW38-5-1.5	1.50	10.00	---	---	---	---
SW38-6-S	0.15	74.00	3.80	---	---	---
SW38-6-0.3	0.30	6.20	---	---	---	---
SW38-6-0.6	0.60	ND	---	---	---	---
SW38-6-0.9	0.90	ND	---	---	---	---
SW38-6-1.5	1.50	ND	---	---	---	---
SW38-7-S	0.15	83.00	3.40	---	---	---
SW38-7-0.3	0.30	8.50	---	---	---	---

**TABLE I (continued)**  
**SUMMARY OF ANALYTICAL LABORATORY RESULTS - SOIL SAMPLES - LEAD AND pH**

Sample ID	Depth (Meters)	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead - WET Citric EPA Test Method 7420 (mg/l)	Soluble Lead WET-DI Water EPA Test Method 7420 (mg/l)	Soluble Lead TCLP EPA Test Method 7420 (mg/l)	Soil pH EPA Test Method 9045
SW38-7-0.6	0.60	7.50	---	---	---	---
SW38-8-S	0.15	48.00	---	---	---	8.46
SW38-8-0.3	0.30	5.80	---	---	---	---
SW38-8-0.6	0.60	6.80	---	---	---	---
SW38-9-S	0.15	140.00	8.90	ND	---	---
SW38-9-0.3	0.30	11.00	---	---	---	---
SW38-9-0.6	0.60	15.00	---	---	---	---
SW38-9-0.9	0.90	8.80	---	---	---	---
SW38-10-S	0.15	80.00	6.10	ND	---	---
SW38-10-0.3	0.30	37.00	---	---	---	---
SW38-10-0.6	0.60	10.00	---	---	---	---
SW38-10-0.9	0.90	7.60	ND	---	---	6.34
SW38-10-1.5	1.50	8.50	---	---	---	---
SW38-11-S	0.15	190.00	9.00	ND	---	---
SW38-11-0.3	0.30	110.00	5.80	ND	---	---
SW38-12-S	0.15	48.00	---	---	---	---
SW38-12-0.3	0.30	8.10	---	---	---	---
SW38-13-S	0.15	32.00	---	---	---	---
SW38-13-0.3	0.30	5.90	---	---	---	---
SW38-13-0.6	0.60	ND	---	---	---	---
SW38-13-0.9	0.90	ND	---	---	---	---
<b>SOUNDWALL 40</b>						
SW40-1-S	0.15	210.00	18.00	0.21	---	7.91
SW40-1-0.3	0.30	32.00	---	---	---	---
SW40-1-0.6	0.60	ND	---	---	---	---
SW40-2-S	0.15	69.00	5.40	ND	---	---
SW40-2-0.3	0.30	12.00	---	---	---	---

**TABLE I (continued)**  
**SUMMARY OF ANALYTICAL LABORATORY RESULTS - SOIL SAMPLES - LEAD AND pH**

Sample ID	Depth (Meters)	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead - Citric EPA Test Method 7420 (mg/l)	Soluble Lead WET-DI Water EPA Test Method 7420 (mg/l)	Soluble Lead TCLP EPA Test Method 7420 (mg/l)	Soil pH EPA Test Method 9045
SW40-2-0.6	0.60	12.00	---	---	---	---
SW40-2-0.9	0.90	5.50	---	---	---	---
SW40-2-1.5	1.50	9.30	---	---	---	---
SW40-3-S	0.15	220.00	13.00	ND	---	---
SW40-3-0.3	0.30	7.10	---	---	---	---
SW40-3-0.6	0.60	10.00	---	---	---	6.98
SW40-3-0.9	0.90	ND	---	---	---	---
SW40-3-1.5	1.50	8.30	---	---	---	---
SW40-4-S	0.15	1400.00	---	---	1.80	---
SW40-4-0.3	0.30	50.00	2.30	---	---	---
SW40-5-S	0.15	310.00	24.00	0.43	---	---
SW40-5-0.3	0.30	13.00	---	---	---	---
SW40-5-0.6	0.60	7.10	---	---	---	---
SW40-5-0.9	0.90	ND	---	---	---	---
SW40-6-S	0.15	1500.00	---	---	2.80	---
SW40-6-0.3	0.30	110.00	4.80	---	---	7.46
SW40-6-0.6	0.60	250.00	19.00	0.27	---	---
SW40-7-S	0.15	1600.00	---	---	1.90	---
SW40-7-0.3	0.30	130.00	18.00	ND	---	---
SW40-7-0.6	0.60	12.00	---	---	---	---
SW40-7-0.9	0.90	9.40	---	---	---	---
SW40-8-S	0.15	810.00	82.00	0.49	---	---
SW40-8-0.3	0.30	190.00	10.00	ND	---	---
SW40-9-S	0.15	1300.00	---	---	3.90	---
SW40-9-0.3	0.30	270.00	39.00	0.28	---	---
<b>SOUNDWALL 44</b>						
SW44-1-S	0.15	730.00	53.00	ND	---	7.40

**TABLE I (continued)**  
**SUMMARY OF ANALYTICAL LABORATORY RESULTS - SOIL SAMPLES - LEAD AND pH**

Sample ID	Depth (Meters)	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead - Citric EPA Test Method 7420 (mg/l)	Soluble Lead WET-DI Water EPA Test Method 7420 (mg/l)	Soluble Lead TCLP EPA Test Method 7420 (mg/l)	Soil pH EPA Test Method 9045
SW44-1-0.3	0.30	25.00	---	---	---	---
SW44-2-S	0.15	750.00	58.00	ND	---	---
SW44-2-0.3	0.30	160.00	5.90	ND	---	---
SW44-2-0.6	0.60	17.00	---	---	---	---
SW44-2-0.9	0.90	31.00	---	---	---	---
SW44-3-S	0.15	1100.00	---	---	2.30	---
SW44-3-0.3	0.30	1600.00	---	---	4.20	---
SW44-4-S	0.15	160.00	6.90	ND	---	---
SW44-4-0.3	0.30	11.00	---	---	---	8.64
SW44-5-S	0.15	220.00	14.00	ND	---	---
SW44-5-0.3	0.30	27.00	---	---	---	---
SW44-6-S	0.15	96.00	6.00	ND	---	---
SW44-6-0.3	0.30	440.00	51.00	0.81	---	---
SW44-6-0.6	0.60	12.00	---	---	---	---

**Notes:**

- mg/kg = milligrams per kilogram
- mg/l = milligrams per liter
- = analysis not performed
- EPA = United States Environmental Protection Agency
- ND = not detected above laboratory detection limits (5 mg/kg Total lead and 0.2 mg/l Soluble lead)

**TABLE II**  
**SUMMARY OF SOIL SAMPLE ANALYTICAL LABORATORY RESULTS - CCR TITLE 22 METALS**

Element	SOUNDWALL 34			SOUNDWALL 38			SOUNDWALL 40			SOUNDWALL 44			Max Value	STLC	TTLC	10X STLC
	SW34-5-0.3	SW34-9-S	SW38-10-0.9	SW38-11-S	SW40-6-S	SW40-7-S	SW44-3-S	SW44-3-0.3								
Antimony	0.50	0.50	1.00	0.50	1.50	1.50	2.00	2.00	2.00	2.00	2.00	2.00	2.00	15	500	150
Arsenic	9.00	12.00	8.00	10.00	10.00	10.00	12.00	11.00	12.00	12.00	11.00	12.00	12.00	5	500	50
Barium	140.00	140.00	120.00	120.00	140.00	240.00	260.00	250.00	260.00	260.00	250.00	260.00	260.00	100	10,000	1000
Beryllium	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	0.00	0.75	75	7.5
Cadmium	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	1.00	1.00	1.00	1.50	1.00	1.00	1.50	1	100	10
Chromium	16.00	20.00	16.00	18.00	39.00	39.00	44.00	46.00	44.00	39.00	44.00	46.00	46.00	5	2,500	50
Cobalt	7.50	10.00	9.50	6.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	10.00	80	8,000	800
Copper	140.00	30.00	16.00	38.00	82.00	180.00	180.00	170.00	180.00	180.00	180.00	170.00	180.00	25	2,500	250
Lead	90.00	140.00	12.00	150.00	1400.00	1900.00	940.00	1600.00	940.00	1900.00	1600.00	1900.00	1900.00	5	1,000	50
Mercury	0.13	<0.10	<0.10	0.21	0.22	0.19	0.33	0.28	0.33	0.19	0.33	0.28	0.33	0.2	20	2
Molybdenum	0.45	1.00	0.50	3.00	2.00	5.00	5.00	6.50	5.00	5.00	5.00	6.50	6.50	350	3,500	3500
Nickel	11.00	14.00	10.00	11.00	18.00	32.00	32.00	34.00	32.00	32.00	34.00	34.00	34.00	20	2,000	200
Selenium	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.00	1	100	10
Silver	<0.15	<0.15	<0.15	<0.15	<0.15	0.50	0.37	0.50	0.37	0.50	0.50	0.50	0.50	5	500	50
Thallium	0.50	0.46	<0.25	0.32	0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.50	7	700	70
Vanadium	32.00	42.00	34.00	38.00	36.00	31.00	34.00	31.00	34.00	31.00	34.00	31.00	42.00	24	2,400	240
Zinc	150.00	180.00	42.00	190.00	290.00	550.00	580.00	570.00	580.00	550.00	580.00	570.00	580.00	250	5000	2500

Notes:  
 STLC = Soluble Threshold Limit Concentration  
 TTLC = Total Threshold Limit Concentration

APPENDIX

A

borehole\_spreadsheet

unique id	site description	parallel location	lat/long location	borehole id	Borehole Latitude	Borehole Longitude
538	EA# 002101	sw34-1		538-101	34.0310462	-118.1912018
538	EA# 002101	sw34-2		538-102	34.0311693	-118.1909877
538	EA# 002101	sw34-3		538-103	34.0312552	-118.190644
538	EA# 002101	sw34-4		538-104	34.0312914	-118.1902937
538	EA# 002101	sw34-5		538-105	34.03133	-118.1899673
538	EA# 002101	sw34-6		538-106	34.0313504	-118.189613
538	EA# 002101	sw34-7		538-107	34.031353	-118.1892657
538	EA# 002101	sw34-8		538-108	34.0313549	-118.1889162
538	EA# 002101	sw34-9		538-109	34.0313811	-118.1885338
538	EA# 002101	sw34-10		538-110	34.0313751	-118.188222
538	EA# 002101	sw34-11		538-111	34.031367	-118.1878673
538	EA# 002101	sw34-12		538-112	34.0313665	-118.1875403
538	EA# 002101	sw38-1		538-113	34.0313685	-118.1872819
538	EA# 002101	sw38-2		538-114	34.031373	-118.1869091
538	EA# 002101	sw38-3		538-115	34.0313799	-118.1866519
538	EA# 002101	sw38-4		538-116	34.0313752	-118.1863073
538	EA# 002101	sw38-5		538-117	34.0313589	-118.185967
538	EA# 002101	sw38-6		538-118	34.0313842	-118.1856272
538	EA# 002101	sw38-7		538-119	34.0313772	-118.1852797
538	EA# 002101	sw38-8		538-120	34.0313794	-118.184953
538	EA# 002101	sw38-9		538-121	34.0313864	-118.1845687
538	EA# 002101	sw38-10		538-122	34.0313772	-118.1842265
538	EA# 002101	sw38-11		538-123	34.0313843	-118.183881
538	EA# 002101	sw38-12		538-124	34.0313719	-118.1836323
538	EA# 002101	sw38-13		538-125	34.0314347	-118.1832985
538	EA# 002101	sw40-1		538-126	34.0317619	-118.183525
538	EA# 002101	sw40-2		538-127	34.0318827	-118.18325
538	EA# 002101	sw40-3		538-128	34.0320268	-118.1829422
538	EA# 002101	sw40-4		538-129	34.0321801	-118.1826397
538	EA# 002101	sw40-5		538-130	34.0323145	-118.1823465
538	EA# 002101	sw40-6		538-131	34.0324517	-118.1820629
538	EA# 002101	sw40-7		538-132	34.0326149	-118.1817124
538	EA# 002101	sw40-8		538-133	34.0327829	-118.1814093
538	EA# 002101	sw40-9		538-134	34.0329288	-118.1811253
538	EA# 002101	sw44-1		538-135	34.0336567	-118.1796185
538	EA# 002101	sw44-2		538-136	34.0337828	-118.1793112
538	EA# 002101	sw44-3		538-137	34.0339063	-118.1790286
538	EA# 002101	sw44-4		538-138	34.034071	-118.1784007
538	EA# 002101	sw44-5		538-139	34.0341363	-118.1780819
538	EA# 002101	sw44-6		538-140	34.0342189	-118.177803
538	EA# 002101			538-141		
538	EA# 002101			538-142		
538	EA# 002101			538-143		
538	EA# 002101			538-144		
538	EA# 002101			538-145		
538	EA# 002101			538-146		
538	EA# 002101			538-147		
538	EA# 002101			538-148		
538	EA# 002101			538-149		
538	EA# 002101			538-150		
538	EA# 002101			538-151		
538	EA# 002101			538-152		
538	EA# 002101			538-153		
538	EA# 002101			538-154		
538	EA# 002101			538-155		
538	EA# 002101			538-156		
538	EA# 002101			538-157		
538	EA# 002101			538-158		

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538	EA# 002101		538-159		
538	EA# 002101		538-160		
539	EA# 002531	sw85-1	539-101	34.03343	-118.1336471
539	EA# 002531	sw85-2	539-102	34.0334162	-118.1339664
539	EA# 002531	sw85-3	539-103	34.0333928	-118.1343508
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537	EA# 496101	sw11-6	537-145	34.0291951	-118.2026553

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537	EA# 496101	sw11-7	537-146	34.0291503	-118.2029422
537	EA# 496101	sw11-8	537-147	34.0290958	-118.2032243
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537	EA# 496101	sw26-18	537-200	34.0301322	-118.1953365
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537	EA# 496101	sw30-2	537-202	34.0302737	-118.1948348

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537	EA# 496101	sw30-3	537-203	34.0303691	-118.1945541
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results\_spreadsheet

Sample Date	Sample Depth	sample id	test type	value	result units	method	detection limit	analysis date	analyte	matrix	lab name
3/26/2002	surface	537-101-0	1. TTLC		110 mg/kg		5	3/27/2002	Lead	Soil	ATL
3/26/2002	surface	537-101-0	2. STLC		5.1 mg/l		0.2	4/5/2002	Lead	Soil	ATL
3/26/2002	surface	537-101-0	3. STLC-DI	ND	mg/l		0.2	4/11/2002	Lead	Soil	ATL
	surface	537-101-0	4. TCLP		mg/l				Lead	Soil	
	surface	537-101-0	5. PH							Soil	
3/26/2002	.3 m	537-101-1	1. TTLC		34 mg/kg		5	3/27/2002	Lead	Soil	ATL
	.3 m	537-101-1	2. STLC		mg/l				Lead	Soil	
	.3 m	537-101-1	3. STLC-DI		mg/l				Lead	Soil	
	.3 m	537-101-1	4. TCLP		mg/l				Lead	Soil	
	.3 m	537-101-1	5. PH							Soil	
3/26/2002	.6 m	537-101-2	1. TTLC		5 mg/kg		5	3/27/2002	Lead	Soil	ATL
	.6 m	537-101-2	2. STLC		mg/l				Lead	Soil	
	.6 m	537-101-2	3. STLC-DI		mg/l				Lead	Soil	
	.6 m	537-101-2	4. TCLP		mg/l				Lead	Soil	
	.6 m	537-101-2	5. PH							Soil	
3/26/2002	.9 m	537-101-3	1. TTLC		6 mg/kg		5	3/27/2002	Lead	Soil	ATL
	.9 m	537-101-3	2. STLC		mg/l				Lead	Soil	
	.9 m	537-101-3	3. STLC-DI		mg/l				Lead	Soil	
	.9 m	537-101-3	4. TCLP		mg/l				Lead	Soil	
	.9 m	537-101-3	5. PH							Soil	
3/26/2002	1.5 m	537-101-5	1. TTLC		6.5 mg/kg		5	3/27/2002	Lead	Soil	ATL
	1.5 m	537-101-5	2. STLC		mg/l				Lead	Soil	
	1.5 m	537-101-5	3. STLC-DI		mg/l				Lead	Soil	
	1.5 m	537-101-5	4. TCLP		mg/l				Lead	Soil	
	1.5 m	537-101-5	5. PH		7.72		0.1	3/28/2002	Lead	Soil	ATL
3/26/2002	surface	537-102-0	1. TTLC		190 mg/kg		5	3/27/2002	Lead	Soil	ATL
3/26/2002	surface	537-102-0	2. STLC		9.8 mg/l		0.2	4/5/2002	Lead	Soil	ATL
3/26/2002	surface	537-102-0	3. STLC-DI	ND	mg/l		0.2	4/11/2002	Lead	Soil	ATL
	surface	537-102-0	4. TCLP		mg/l				Lead	Soil	
	surface	537-102-0	5. PH							Soil	
3/26/2002	.3 m	537-102-1	1. TTLC		11 mg/kg		5	3/27/2002	Lead	Soil	ATL
	.3 m	537-102-1	2. STLC		mg/l				Lead	Soil	
	.3 m	537-102-1	3. STLC-DI		mg/l				Lead	Soil	
	.3 m	537-102-1	4. TCLP		mg/l				Lead	Soil	
	.3 m	537-102-1	5. PH							Soil	
3/26/2002	.6 m	537-102-2	1. TTLC		21 mg/kg		5	3/27/2002	Lead	Soil	ATL
	.6 m	537-102-2	2. STLC		mg/l				Lead	Soil	
	.6 m	537-102-2	3. STLC-DI		mg/l				Lead	Soil	
	.6 m	537-102-2	4. TCLP		mg/l				Lead	Soil	
	.6 m	537-102-2	5. PH							Soil	
3/26/2002	.9 m	537-102-3	1. TTLC		8 mg/kg		5	3/27/2002	Lead	Soil	ATL

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Date	Depth	Sample ID	Method	Result	Unit	Depth	Method	Result	Unit	Soil
3/26/2002	.9 m	537-102-3	2. STLC		mg/l					Soil
	.9 m	537-102-3	3. STLC-DI		mg/l					Soil
	.9 m	537-102-3	4. TCLP		mg/l					Soil
	.9 m	537-102-3	5. PH							Soil
3/26/2002	1.5 m	537-102-5	1. TTLC	11 mg/kg	mg/kg	5	3/27/2002	Lead		ATL
	1.5 m	537-102-5	2. STLC		mg/l					Soil
	1.5 m	537-102-5	3. STLC-DI		mg/l					Soil
	1.5 m	537-102-5	4. TCLP		mg/l					Soil
	1.5 m	537-102-5	5. PH							Soil
3/26/2002	surface	537-103-0	1. TTLC	280 mg/kg	mg/kg	5	3/27/2002	Lead		ATL
3/26/2002	surface	537-103-0	2. STLC	15 mg/l	mg/l	0.2	4/5/2002	Lead		ATL
3/26/2002	surface	537-103-0	3. STLC-DI	ND	mg/l	0.2	4/11/2002	Lead		ATL
	surface	537-103-0	4. TCLP		mg/l					Soil
	surface	537-103-0	5. PH							Soil
3/26/2002	.3 m	537-103-1	1. TTLC	8.7 mg/kg	mg/kg	5	3/27/2002	Lead		ATL
	.3 m	537-103-1	2. STLC		mg/l					Soil
	.3 m	537-103-1	3. STLC-DI		mg/l					Soil
	.3 m	537-103-1	4. TCLP		mg/l					Soil
	.3 m	537-103-1	5. PH							Soil
3/26/2002	.6 m	537-103-2	1. TTLC	8.2 mg/kg	mg/kg	5	3/27/2002	Lead		ATL
	.6 m	537-103-2	2. STLC		mg/l					Soil
	.6 m	537-103-2	3. STLC-DI		mg/l					Soil
	.6 m	537-103-2	4. TCLP		mg/l					Soil
	.6 m	537-103-2	5. PH							Soil
3/26/2002	.9 m	537-103-3	1. TTLC	8.3 mg/kg	mg/kg	5	3/27/2002	Lead		ATL
	.9 m	537-103-3	2. STLC		mg/l					Soil
	.9 m	537-103-3	3. STLC-DI		mg/l					Soil
	.9 m	537-103-3	4. TCLP		mg/l					Soil
	.9 m	537-103-3	5. PH							Soil
3/26/2002	1.5 m	537-103-5	1. TTLC	6.8 mg/kg	mg/kg	5	3/27/2002	Lead		ATL
	1.5 m	537-103-5	2. STLC		mg/l					Soil
	1.5 m	537-103-5	3. STLC-DI		mg/l					Soil
	1.5 m	537-103-5	4. TCLP		mg/l					Soil
3/26/2002	1.5 m	537-103-5	5. PH	7.11		0.1	3/28/2002	Lead		ATL
3/26/2002	surface	537-104-0	1. TTLC	180 mg/kg	mg/kg	5	3/27/2002	Lead		ATL
3/26/2002	surface	537-104-0	2. STLC	4.3 mg/l	mg/l	0.2	4/5/2002	Lead		ATL
	surface	537-104-0	3. STLC-DI		mg/l					Soil
	surface	537-104-0	4. TCLP		mg/l					Soil
	surface	537-104-0	5. PH							Soil
3/26/2002	.3 m	537-104-1	1. TTLC	11 mg/kg	mg/kg	5	3/27/2002	Lead		ATL
	.3 m	537-104-1	2. STLC		mg/l					Soil
	.3 m	537-104-1	3. STLC-DI		mg/l					Soil

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Depth	Sample ID	Method	Concentration	Date	Media
.3 m	537-104-1	4. TCLP	mg/l		Soil
.3 m	537-104-1	5. PH			Soil
.6 m	537-104-2	1. TTLC	mg/kg		Soil
.6 m	537-104-2	2. STLC	mg/l		Soil
.6 m	537-104-2	3. STLC-DI	mg/l		Soil
.6 m	537-104-2	4. TCLP	mg/l		Soil
.6 m	537-104-2	5. PH			Soil
.9 m	537-104-3	1. TTLC	mg/kg		Soil
.9 m	537-104-3	2. STLC	mg/l		Soil
.9 m	537-104-3	3. STLC-DI	mg/l		Soil
.9 m	537-104-3	4. TCLP	mg/l		Soil
.9 m	537-104-3	5. PH			Soil
1.5 m	537-104-5	1. TTLC	mg/kg		Soil
1.5 m	537-104-5	2. STLC	mg/l		Soil
1.5 m	537-104-5	3. STLC-DI	mg/l		Soil
1.5 m	537-104-5	4. TCLP	mg/l		Soil
1.5 m	537-104-5	5. PH			Soil
3/26/2002 surface	537-105-0	1. TTLC	83 mg/kg	5	Soil
3/26/2002 surface	537-105-0	2. STLC	2.2 mg/l	0.2	Soil
surface	537-105-0	3. STLC-DI	mg/l		Soil
surface	537-105-0	4. TCLP	mg/l		Soil
surface	537-105-0	5. PH			Soil
3/26/2002 .3 m	537-105-1	1. TTLC	15 mg/kg	5	Soil
.3 m	537-105-1	2. STLC	mg/l		Soil
.3 m	537-105-1	3. STLC-DI	mg/l		Soil
.3 m	537-105-1	4. TCLP	mg/l		Soil
.3 m	537-105-1	5. PH			Soil
3/26/2002 .6 m	537-105-2	1. TTLC	5.4 mg/kg	5	Soil
.6 m	537-105-2	2. STLC	mg/l		Soil
.6 m	537-105-2	3. STLC-DI	mg/l		Soil
.6 m	537-105-2	4. TCLP	mg/l		Soil
.6 m	537-105-2	5. PH			Soil
.9 m	537-105-3	1. TTLC	mg/kg		Soil
.9 m	537-105-3	2. STLC	mg/l		Soil
.9 m	537-105-3	3. STLC-DI	mg/l		Soil
.9 m	537-105-3	4. TCLP	mg/l		Soil
.9 m	537-105-3	5. PH			Soil
1.5 m	537-105-5	1. TTLC	mg/kg		Soil
1.5 m	537-105-5	2. STLC	mg/l		Soil
1.5 m	537-105-5	3. STLC-DI	mg/l		Soil
1.5 m	537-105-5	4. TCLP	mg/l		Soil
1.5 m	537-105-5	5. PH			Soil
3/27/2002 ATL	537-105-5	1. TTLC	mg/kg	5	Soil
3/27/2002 ATL	537-105-5	2. STLC	mg/l	0.2	Soil
3/27/2002 ATL	537-105-5	3. STLC-DI	mg/l		Soil
3/27/2002 ATL	537-105-5	4. TCLP	mg/l		Soil
3/27/2002 ATL	537-105-5	5. PH			Soil

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Date	Sample ID	Depth	Method	Concentration	Units	Depth	Method	Concentration	Units	Soil	Date	Method	Concentration	Units	Soil	ATL
3/26/2002	537-106-0	surface	1. TTLC	210	mg/kg											ATL
3/26/2002	537-106-0	surface	2. STLC	7.9	mg/l											ATL
3/26/2002	537-106-0	surface	3. STLC-DI	ND												ATL
	537-106-0	surface	4. TCLP													
	537-106-0	surface	5. PH													
3/26/2002	537-106-1	.3 m	1. TTLC	18	mg/kg											ATL
	537-106-1	.3 m	2. STLC													
	537-106-1	.3 m	3. STLC-DI													
	537-106-1	.3 m	4. TCLP													
	537-106-1	.3 m	5. PH													
3/26/2002	537-106-2	.6 m	1. TTLC	14	mg/kg											ATL
	537-106-2	.6 m	2. STLC													
	537-106-2	.6 m	3. STLC-DI													
	537-106-2	.6 m	4. TCLP													
	537-106-2	.6 m	5. PH													
	537-106-3	.9 m	1. TTLC		mg/kg											
	537-106-3	.9 m	2. STLC													
	537-106-3	.9 m	3. STLC-DI													
	537-106-3	.9 m	4. TCLP													
	537-106-3	.9 m	5. PH													
	537-106-5	1.5 m	1. TTLC		mg/kg											
	537-106-5	1.5 m	2. STLC													
	537-106-5	1.5 m	3. STLC-DI													
	537-106-5	1.5 m	4. TCLP													
	537-106-5	1.5 m	5. PH													
3/26/2002	537-107-0	surface	1. TTLC	76	mg/kg											ATL
3/26/2002	537-107-0	surface	2. STLC	2.9	mg/l											ATL
	537-107-0	surface	3. STLC-DI													
	537-107-0	surface	4. TCLP													
	537-107-0	surface	5. PH													
3/26/2002	537-107-1	.3 m	1. TTLC	76	mg/kg											ATL
3/26/2002	537-107-1	.3 m	2. STLC	3	mg/l											ATL
	537-107-1	.3 m	3. STLC-DI													
	537-107-1	.3 m	4. TCLP													
	537-107-1	.3 m	5. PH													
3/26/2002	537-107-1	.3 m	1. TTLC	6.07												ATL
3/26/2002	537-107-2	.6 m	1. TTLC	36	mg/kg											ATL
	537-107-2	.6 m	2. STLC													
	537-107-2	.6 m	3. STLC-DI													
	537-107-2	.6 m	4. TCLP													
	537-107-2	.6 m	5. PH													
	537-107-3	.9 m	1. TTLC		mg/kg											
	537-107-3	.9 m	2. STLC													

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3/26/2002	3 m	537-107-3	3. STLC-DI	mg/l						Soil	
	.9 m	537-107-3	4. TCLP	mg/l						Soil	
	.9 m	537-107-3	5. PH							Soil	
	1.5 m	537-107-5	1. TTLC	mg/kg						Soil	
	1.5 m	537-107-5	2. STLC	mg/l						Soil	
	1.5 m	537-107-5	3. STLC-DI	mg/l						Soil	
	1.5 m	537-107-5	4. TCLP	mg/l						Soil	
	1.5 m	537-107-5	5. PH							Soil	
3/26/2002	surface	537-108-0	1. TTLC	210 mg/kg					5	Soil	ATL
3/26/2002	surface	537-108-0	2. STLC	13 mg/l					0.2	Soil	ATL
3/26/2002	surface	537-108-0	3. STLC-DI	mg/l		ND			0.2	Soil	ATL
	surface	537-108-0	4. TCLP	mg/l						Soil	
	surface	537-108-0	5. PH							Soil	
3/26/2002	.3 m	537-108-1	1. TTLC	130 mg/kg					5	Soil	ATL
3/26/2002	.3 m	537-108-1	2. STLC	7.6 mg/l					0.2	Soil	ATL
3/26/2002	.3 m	537-108-1	3. STLC-DI	mg/l		ND			0.2	Soil	ATL
	.3 m	537-108-1	4. TCLP	mg/l						Soil	
	.3 m	537-108-1	5. PH							Soil	
	.6 m	537-108-2	1. TTLC	mg/kg						Soil	
	.6 m	537-108-2	2. STLC	mg/l						Soil	
	.6 m	537-108-2	3. STLC-DI	mg/l						Soil	
	.6 m	537-108-2	4. TCLP	mg/l						Soil	
	.6 m	537-108-2	5. PH							Soil	
	.9 m	537-108-3	1. TTLC	mg/kg						Soil	
	.9 m	537-108-3	2. STLC	mg/l						Soil	
	.9 m	537-108-3	3. STLC-DI	mg/l						Soil	
	.9 m	537-108-3	4. TCLP	mg/l						Soil	
	.9 m	537-108-3	5. PH							Soil	
	1.5 m	537-108-5	1. TTLC	mg/kg						Soil	
	1.5 m	537-108-5	2. STLC	mg/l						Soil	
	1.5 m	537-108-5	3. STLC-DI	mg/l						Soil	
	1.5 m	537-108-5	4. TCLP	mg/l						Soil	
	1.5 m	537-108-5	5. PH							Soil	
3/26/2002	surface	537-109-0	1. TTLC	150 mg/kg					5	Soil	ATL
3/26/2002	surface	537-109-0	2. STLC	5.7 mg/l					0.2	Soil	ATL
3/26/2002	surface	537-109-0	3. STLC-DI	mg/l		ND			0.2	Soil	ATL
	surface	537-109-0	4. TCLP	mg/l						Soil	
	surface	537-109-0	5. PH							Soil	
3/26/2002	.3 m	537-109-1	1. TTLC	16 mg/kg					5	Soil	ATL
	.3 m	537-109-1	2. STLC	mg/l						Soil	
	.3 m	537-109-1	3. STLC-DI	mg/l						Soil	
	.3 m	537-109-1	4. TCLP	mg/l						Soil	



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Date	Sample ID	Depth	Method	Concentration	Unit	Date	Concentration	Unit	Media	Notes
3/26/2002	537-111-0	surface	2. STLC	4.5	mg/l	4/5/2002	0.2	Lead	Soil	ATL
	537-111-0	surface	3. STLC-DI		mg/l			Lead	Soil	
	537-111-0	surface	4. TCLP		mg/l			Lead	Soil	
3/26/2002	537-111-0	surface	5. PH	6.19		3/28/2002	0.1		Soil	ATL
3/26/2002	537-111-1	.3 m	1. TTLC	97	mg/kg	3/27/2002	5	Lead	Soil	ATL
3/26/2002	537-111-1	.3 m	2. STLC	4.3	mg/l	4/5/2002	0.2	Lead	Soil	ATL
	537-111-1	.3 m	3. STLC-DI		mg/l			Lead	Soil	
	537-111-1	.3 m	4. TCLP		mg/l			Lead	Soil	
	537-111-1	.3 m	5. PH						Soil	
	537-111-2	.6 m	1. TTLC		mg/kg			Lead	Soil	
	537-111-2	.6 m	2. STLC		mg/l			Lead	Soil	
	537-111-2	.6 m	3. STLC-DI		mg/l			Lead	Soil	
	537-111-2	.6 m	4. TCLP		mg/l			Lead	Soil	
	537-111-2	.6 m	5. PH						Soil	
	537-111-3	.9 m	1. TTLC		mg/kg			Lead	Soil	
	537-111-3	.9 m	2. STLC		mg/l			Lead	Soil	
	537-111-3	.9 m	3. STLC-DI		mg/l			Lead	Soil	
	537-111-3	.9 m	4. TCLP		mg/l			Lead	Soil	
	537-111-3	.9 m	5. PH						Soil	
	537-111-5	1.5 m	1. TTLC		mg/kg			Lead	Soil	
	537-111-5	1.5 m	2. STLC		mg/l			Lead	Soil	
	537-111-5	1.5 m	3. STLC-DI		mg/l			Lead	Soil	
	537-111-5	1.5 m	4. TCLP		mg/l			Lead	Soil	
	537-111-5	1.5 m	5. PH						Soil	
3/26/2002	537-112-0	surface	1. TTLC	47	mg/kg	3/27/2002	5	Lead	Soil	ATL
	537-112-0	surface	2. STLC		mg/l			Lead	Soil	
	537-112-0	surface	3. STLC-DI		mg/l			Lead	Soil	
	537-112-0	surface	4. TCLP		mg/l			Lead	Soil	
	537-112-0	surface	5. PH						Soil	
3/26/2002	537-112-1	.3 m	1. TTLC	13	mg/kg	3/27/2002	5	Lead	Soil	ATL
	537-112-1	.3 m	2. STLC		mg/l			Lead	Soil	
	537-112-1	.3 m	3. STLC-DI		mg/l			Lead	Soil	
	537-112-1	.3 m	4. TCLP		mg/l			Lead	Soil	
	537-112-1	.3 m	5. PH						Soil	
	537-112-2	.6 m	1. TTLC		mg/kg			Lead	Soil	
	537-112-2	.6 m	2. STLC		mg/l			Lead	Soil	
	537-112-2	.6 m	3. STLC-DI		mg/l			Lead	Soil	
	537-112-2	.6 m	4. TCLP		mg/l			Lead	Soil	
	537-112-2	.6 m	5. PH						Soil	
	537-112-3	.9 m	1. TTLC		mg/kg			Lead	Soil	
	537-112-3	.9 m	2. STLC		mg/l			Lead	Soil	
	537-112-3	.9 m	3. STLC-DI		mg/l			Lead	Soil	

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3/26/2002	3 m	537-112-3	4. TCLP	mg/l				Soil	
	.9 m	537-112-3	5. PH					Soil	
	1.5 m	537-112-5	1. TTLC	mg/kg				Soil	
	1.5 m	537-112-5	2. STLC	mg/l				Soil	
	1.5 m	537-112-5	3. STLC-DI	mg/l				Soil	
	1.5 m	537-112-5	4. TCLP	mg/l				Soil	
	1.5 m	537-112-5	5. PH					Soil	
3/26/2002	surface	537-113-0	1. TTLC	96 mg/kg	5	3/27/2002	Lead	Soil	ATL
3/26/2002	surface	537-113-0	2. STLC	4 mg/l	0.2	4/5/2002	Lead	Soil	ATL
	surface	537-113-0	3. STLC-DI	mg/l			Lead	Soil	
	surface	537-113-0	4. TCLP	mg/l			Lead	Soil	
	surface	537-113-0	5. PH					Soil	
3/26/2002	.3 m	537-113-1	1. TTLC	23 mg/kg	5	3/27/2002	Lead	Soil	ATL
	.3 m	537-113-1	2. STLC	mg/l			Lead	Soil	
	.3 m	537-113-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	537-113-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	537-113-1	5. PH					Soil	
	.6 m	537-113-2	1. TTLC	mg/kg			Lead	Soil	
	.6 m	537-113-2	2. STLC	mg/l			Lead	Soil	
	.6 m	537-113-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	537-113-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	537-113-2	5. PH					Soil	
	.9 m	537-113-3	1. TTLC	mg/kg			Lead	Soil	
	.9 m	537-113-3	2. STLC	mg/l			Lead	Soil	
	.9 m	537-113-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	537-113-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	537-113-3	5. PH					Soil	
	1.5 m	537-113-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	537-113-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	537-113-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	537-113-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	537-113-5	5. PH					Soil	
3/26/2002	surface	537-114-0	1. TTLC	61 mg/kg	5	3/27/2002	Lead	Soil	ATL
3/26/2002	surface	537-114-0	2. STLC	2.4 mg/l	0.2	4/5/2002	Lead	Soil	ATL
	surface	537-114-0	3. STLC-DI	mg/l			Lead	Soil	
	surface	537-114-0	4. TCLP	mg/l			Lead	Soil	
	surface	537-114-0	5. PH					Soil	
3/26/2002	.3 m	537-114-1	1. TTLC	7 mg/kg	5	3/27/2002	Lead	Soil	ATL
	.3 m	537-114-1	2. STLC	mg/l			Lead	Soil	
	.3 m	537-114-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	537-114-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	537-114-1	5. PH					Soil	

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Date	Depth	Sample ID	Method	Concentration	Depth	Date	Method	Concentration	Soil Type
3/26/2002	.6 m	537-114-2	1. TTLC	7.4 mg/kg	5	3/27/2002	Lead	Soil	ATL
		537-114-2	2. STLC	mg/l			Lead	Soil	
		537-114-2	3. STLC-DI	mg/l			Lead	Soil	
		537-114-2	4. TCLP	mg/l			Lead	Soil	
		537-114-2	5. PH	mg/l			Lead	Soil	
3/26/2002	.9 m	537-114-3	1. TTLC	8.8 mg/kg	5	3/27/2002	Lead	Soil	ATL
		537-114-3	2. STLC	mg/l			Lead	Soil	
		537-114-3	3. STLC-DI	mg/l			Lead	Soil	
		537-114-3	4. TCLP	mg/l			Lead	Soil	
		537-114-3	5. PH	mg/l			Lead	Soil	
3/26/2002	1.5 m	537-114-5	1. TTLC	mg/kg			Lead	Soil	
		537-114-5	2. STLC	mg/l			Lead	Soil	
		537-114-5	3. STLC-DI	mg/l			Lead	Soil	
		537-114-5	4. TCLP	mg/l			Lead	Soil	
		537-114-5	5. PH	mg/l			Lead	Soil	
3/26/2002	surface	537-115-0	1. TTLC	49 mg/kg	5	3/27/2002	Lead	Soil	ATL
		537-115-0	2. STLC	mg/l			Lead	Soil	
		537-115-0	3. STLC-DI	mg/l			Lead	Soil	
		537-115-0	4. TCLP	mg/l			Lead	Soil	
		537-115-0	5. PH	mg/l			Lead	Soil	
3/26/2002	.3 m	537-115-1	1. TTLC	4.57	0.1	3/28/2002	Lead	Soil	ATL
		537-115-1	2. STLC	7.8 mg/kg			Lead	Soil	
		537-115-1	3. STLC-DI	mg/l			Lead	Soil	
		537-115-1	4. TCLP	mg/l			Lead	Soil	
		537-115-1	5. PH	mg/l			Lead	Soil	
3/26/2002	.6 m	537-115-2	1. TTLC	6.1 mg/kg	5	3/27/2002	Lead	Soil	ATL
		537-115-2	2. STLC	mg/l			Lead	Soil	
		537-115-2	3. STLC-DI	mg/l			Lead	Soil	
		537-115-2	4. TCLP	mg/l			Lead	Soil	
		537-115-2	5. PH	mg/l			Lead	Soil	
3/26/2002	.9 m	537-115-3	1. TTLC	ND	5	3/27/2002	Lead	Soil	ATL
		537-115-3	2. STLC	mg/l			Lead	Soil	
		537-115-3	3. STLC-DI	mg/l			Lead	Soil	
		537-115-3	4. TCLP	mg/l			Lead	Soil	
		537-115-3	5. PH	mg/l			Lead	Soil	
3/26/2002	1.5 m	537-115-5	1. TTLC	ND	5	3/27/2002	Lead	Soil	ATL
		537-115-5	2. STLC	mg/l			Lead	Soil	
		537-115-5	3. STLC-DI	mg/l			Lead	Soil	
		537-115-5	4. TCLP	mg/l			Lead	Soil	
		537-115-5	5. PH	mg/l			Lead	Soil	
3/26/2002	surface	537-116-0	1. TTLC	150 mg/kg	5	3/27/2002	Lead	Soil	ATL
		537-116-0	2. STLC	7.5 mg/l			Lead	Soil	

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Date	Depth	Sample ID	Method	Concentration	Units	Depth	Date	Method	Concentration	Units	Soil	ATL
3/26/2002	surface	537-116-0	3. STLC-DI	ND								
	surface	537-116-0	4. TCLP									
	surface	537-116-0	5. PH									
3/26/2002	.3 m	537-116-1	1. TTLC	20	mg/kg	5	3/27/2002	Lead				ATL
	.3 m	537-116-1	2. STLC		mg/l			Lead				
	.3 m	537-116-1	3. STLC-DI		mg/l			Lead				
	.3 m	537-116-1	4. TCLP		mg/l			Lead				
	.3 m	537-116-1	5. PH									
3/26/2002	.6 m	537-116-2	1. TTLC	25	mg/kg	5	3/27/2002	Lead				ATL
	.6 m	537-116-2	2. STLC		mg/l			Lead				
	.6 m	537-116-2	3. STLC-DI		mg/l			Lead				
	.6 m	537-116-2	4. TCLP		mg/l			Lead				
	.6 m	537-116-2	5. PH									
	.9 m	537-116-3	1. TTLC		mg/kg			Lead				
	.9 m	537-116-3	2. STLC		mg/l			Lead				
	.9 m	537-116-3	3. STLC-DI		mg/l			Lead				
	.9 m	537-116-3	4. TCLP		mg/l			Lead				
	.9 m	537-116-3	5. PH									
	1.5 m	537-116-5	1. TTLC		mg/kg			Lead				
	1.5 m	537-116-5	2. STLC		mg/l			Lead				
	1.5 m	537-116-5	3. STLC-DI		mg/l			Lead				
	1.5 m	537-116-5	4. TCLP		mg/l			Lead				
	1.5 m	537-116-5	5. PH									
3/26/2002	surface	537-117-0	1. TTLC	82	mg/kg	5	3/27/2002	Lead				ATL
	surface	537-117-0	2. STLC	3.5	mg/l	0.2	4/5/2002	Lead				ATL
	surface	537-117-0	3. STLC-DI		mg/l			Lead				
	surface	537-117-0	4. TCLP		mg/l			Lead				
	surface	537-117-0	5. PH									
3/26/2002	.3 m	537-117-1	1. TTLC	25	mg/kg	5	3/27/2002	Lead				ATL
	.3 m	537-117-1	2. STLC		mg/l			Lead				
	.3 m	537-117-1	3. STLC-DI		mg/l			Lead				
	.3 m	537-117-1	4. TCLP		mg/l			Lead				
	.3 m	537-117-1	5. PH									
3/26/2002	.6 m	537-117-2	1. TTLC	9.4	mg/kg	5	3/27/2002	Lead				ATL
	.6 m	537-117-2	2. STLC		mg/l			Lead				
	.6 m	537-117-2	3. STLC-DI		mg/l			Lead				
	.6 m	537-117-2	4. TCLP		mg/l			Lead				
	.6 m	537-117-2	5. PH	7.85		0.1	3/28/2002					ATL
	.9 m	537-117-3	1. TTLC		mg/kg			Lead				
	.9 m	537-117-3	2. STLC		mg/l			Lead				
	.9 m	537-117-3	3. STLC-DI		mg/l			Lead				
	.9 m	537-117-3	4. TCLP		mg/l			Lead				





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Sample ID	Depth	Method	Concentration	Unit	Soil Type	Date	Notes
537-121-0	surface	4. TCLP		mg/l	Soil		
537-121-0	surface	5. PH			Soil		
537-121-1	3/26/2002 .3 m	1. TTLC	11	mg/kg	Soil	3/27/2002	ATL
537-121-1	.3 m	2. STLC		mg/l	Soil		
537-121-1	.3 m	3. STLC-DI		mg/l	Soil		
537-121-1	.3 m	4. TCLP		mg/l	Soil		
537-121-1	.3 m	5. PH			Soil		
537-121-2	.6 m	1. TTLC		mg/kg	Soil		
537-121-2	.6 m	2. STLC		mg/l	Soil		
537-121-2	.6 m	3. STLC-DI		mg/l	Soil		
537-121-2	.6 m	4. TCLP		mg/l	Soil		
537-121-2	.6 m	5. PH			Soil		
537-121-3	.9 m	1. TTLC		mg/kg	Soil		
537-121-3	.9 m	2. STLC		mg/l	Soil		
537-121-3	.9 m	3. STLC-DI		mg/l	Soil		
537-121-3	.9 m	4. TCLP		mg/l	Soil		
537-121-3	.9 m	5. PH			Soil		
537-121-5	1.5 m	1. TTLC		mg/kg	Soil		
537-121-5	1.5 m	2. STLC		mg/l	Soil		
537-121-5	1.5 m	3. STLC-DI		mg/l	Soil		
537-121-5	1.5 m	4. TCLP		mg/l	Soil		
537-121-5	1.5 m	5. PH			Soil		
537-122-0	3/26/2002 surface	1. TTLC	32	mg/kg	Soil	3/27/2002	ATL
537-122-0	surface	2. STLC		mg/l	Soil		
537-122-0	surface	3. STLC-DI		mg/l	Soil		
537-122-0	surface	4. TCLP		mg/l	Soil		
537-122-0	surface	5. PH	6.27		Soil		
537-122-1	3/26/2002 .3 m	1. TTLC		mg/kg	Soil	3/27/2002	ATL
537-122-1	.3 m	2. STLC		mg/l	Soil		
537-122-1	.3 m	3. STLC-DI		mg/l	Soil		
537-122-1	.3 m	4. TCLP		mg/l	Soil		
537-122-1	.3 m	5. PH			Soil		
537-122-2	3/26/2002 .6 m	1. TTLC		mg/kg	Soil	3/27/2002	ATL
537-122-2	.6 m	2. STLC		mg/l	Soil		
537-122-2	.6 m	3. STLC-DI		mg/l	Soil		
537-122-2	.6 m	4. TCLP		mg/l	Soil		
537-122-2	.6 m	5. PH			Soil		
537-122-3	.9 m	1. TTLC		mg/kg	Soil		
537-122-3	.9 m	2. STLC		mg/l	Soil		
537-122-3	.9 m	3. STLC-DI		mg/l	Soil		
537-122-3	.9 m	4. TCLP		mg/l	Soil		
537-122-3	.9 m	5. PH			Soil		

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Date	Depth	Sample ID	Method	Concentration	Unit	Soil Type	Remarks
	1.5 m	537-122-5	1. TTLC		mg/kg	Soil	
	1.5 m	537-122-5	2. STLC		mg/l	Soil	
	1.5 m	537-122-5	3. STLC-DI		mg/l	Soil	
	1.5 m	537-122-5	4. TCLP		mg/l	Soil	
	1.5 m	537-122-5	5. PH			Soil	
3/26/2002	surface	537-123-0	1. TTLC	320	mg/kg	Soil	ATL
3/26/2002	surface	537-123-0	2. STLC	8.6	mg/l	Soil	ATL
3/26/2002	surface	537-123-0	3. STLC-DI	ND	mg/l	Soil	ATL
	surface	537-123-0	4. TCLP		mg/l	Soil	
	surface	537-123-0	5. PH			Soil	
3/26/2002	.3 m	537-123-1	1. TTLC	47	mg/kg	Soil	ATL
	.3 m	537-123-1	2. STLC		mg/l	Soil	
	.3 m	537-123-1	3. STLC-DI		mg/l	Soil	
	.3 m	537-123-1	4. TCLP		mg/l	Soil	
	.3 m	537-123-1	5. PH			Soil	
3/26/2002	.6 m	537-123-2	1. TTLC	11	mg/kg	Soil	ATL
	.6 m	537-123-2	2. STLC		mg/l	Soil	
	.6 m	537-123-2	3. STLC-DI		mg/l	Soil	
	.6 m	537-123-2	4. TCLP		mg/l	Soil	
	.6 m	537-123-2	5. PH			Soil	
	.9 m	537-123-3	1. TTLC		mg/kg	Soil	
	.9 m	537-123-3	2. STLC		mg/l	Soil	
	.9 m	537-123-3	3. STLC-DI		mg/l	Soil	
	.9 m	537-123-3	4. TCLP		mg/l	Soil	
	.9 m	537-123-3	5. PH			Soil	
	1.5 m	537-123-5	1. TTLC		mg/kg	Soil	
	1.5 m	537-123-5	2. STLC		mg/l	Soil	
	1.5 m	537-123-5	3. STLC-DI		mg/l	Soil	
	1.5 m	537-123-5	4. TCLP		mg/l	Soil	
	1.5 m	537-123-5	5. PH			Soil	
3/26/2002	surface	537-124-0	1. TTLC	58	mg/kg	Soil	ATL
3/26/2002	surface	537-124-0	2. STLC	3	mg/l	Soil	ATL
	surface	537-124-0	3. STLC-DI		mg/l	Soil	
	surface	537-124-0	4. TCLP		mg/l	Soil	
	surface	537-124-0	5. PH			Soil	
3/26/2002	.3 m	537-124-1	1. TTLC	13	mg/kg	Soil	ATL
	.3 m	537-124-1	2. STLC		mg/l	Soil	
	.3 m	537-124-1	3. STLC-DI		mg/l	Soil	
	.3 m	537-124-1	4. TCLP		mg/l	Soil	
	.3 m	537-124-1	5. PH			Soil	
	.6 m	537-124-2	1. TTLC		mg/kg	Soil	
	.6 m	537-124-2	2. STLC		mg/l	Soil	

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3/26/2002	.6 m	537-124-2	3. STLC-DI	mg/l					Soil	
	.6 m	537-124-2	4. TCLP	mg/l					Soil	
	.6 m	537-124-2	5. PH						Soil	
	.9 m	537-124-3	1. TTLC	mg/kg					Soil	
	.9 m	537-124-3	2. STLC	mg/l					Soil	
	.9 m	537-124-3	3. STLC-DI	mg/l					Soil	
	.9 m	537-124-3	4. TCLP	mg/l					Soil	
	.9 m	537-124-3	5. PH						Soil	
	1.5 m	537-124-5	1. TTLC	mg/kg					Soil	
	1.5 m	537-124-5	2. STLC	mg/l					Soil	
	1.5 m	537-124-5	3. STLC-DI	mg/l					Soil	
	1.5 m	537-124-5	4. TCLP	mg/l					Soil	
	1.5 m	537-124-5	5. PH						Soil	
3/26/2002	surface	537-125-0	1. TTLC	95 mg/kg	5	3/27/2002	Lead	ATL	Soil	
3/26/2002	surface	537-125-0	2. STLC	3.9 mg/l	0.2	4/5/2002	Lead	ATL	Soil	
	surface	537-125-0	3. STLC-DI	mg/l			Lead		Soil	
	surface	537-125-0	4. TCLP	mg/l			Lead		Soil	
	surface	537-125-0	5. PH						Soil	
3/26/2002	.3 m	537-125-1	1. TTLC	12 mg/kg	5	3/27/2002	Lead	ATL	Soil	
	.3 m	537-125-1	2. STLC	mg/l			Lead		Soil	
	.3 m	537-125-1	3. STLC-DI	mg/l			Lead		Soil	
	.3 m	537-125-1	4. TCLP	mg/l			Lead		Soil	
	.3 m	537-125-1	5. PH						Soil	
3/26/2002	.6 m	537-125-2	1. TTLC	6.6 mg/kg	5	3/27/2002	Lead	ATL	Soil	
	.6 m	537-125-2	2. STLC	mg/l			Lead		Soil	
	.6 m	537-125-2	3. STLC-DI	mg/l			Lead		Soil	
	.6 m	537-125-2	4. TCLP	mg/l			Lead		Soil	
3/26/2002	.6 m	537-125-2	5. PH	6.27	0.1	3/28/2002		ATL	Soil	
3/26/2002	.9 m	537-125-3	1. TTLC	6 mg/kg	5	3/27/2002	Lead	ATL	Soil	
	.9 m	537-125-3	2. STLC	mg/l			Lead		Soil	
	.9 m	537-125-3	3. STLC-DI	mg/l			Lead		Soil	
	.9 m	537-125-3	4. TCLP	mg/l			Lead		Soil	
	.9 m	537-125-3	5. PH						Soil	
3/26/2002	1.5 m	537-125-5	1. TTLC	ND	5	3/27/2002	Lead	ATL	Soil	
	1.5 m	537-125-5	2. STLC	mg/l			Lead		Soil	
	1.5 m	537-125-5	3. STLC-DI	mg/l			Lead		Soil	
	1.5 m	537-125-5	4. TCLP	mg/l			Lead		Soil	
	1.5 m	537-125-5	5. PH						Soil	
3/27/2002	surface	537-126-0	1. TTLC	5.5 mg/kg	5	3/28/2002	Lead	ATL	Soil	
	surface	537-126-0	2. STLC	mg/l			Lead		Soil	
	surface	537-126-0	3. STLC-DI	mg/l			Lead		Soil	
	surface	537-126-0	4. TCLP	mg/l			Lead		Soil	

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3/27/2002	surface	537-126-0	5. PH	5.89		0.1	3/29/2002	Soil	ATL
3/27/2002	.3 m	537-126-1	1. TTLC	67 mg/kg		5	3/28/2002	Soil	ATL
3/27/2002	.3 m	537-126-1	2. STLC	0.93 mg/l		0.2	4/8/2002	Soil	ATL
	.3 m	537-126-1	3. STLC-DI	mg/l				Soil	
	.3 m	537-126-1	4. TCLP	mg/l				Soil	
	.3 m	537-126-1	5. PH					Soil	
3/27/2002	.6 m	537-126-2	1. TTLC	5 mg/kg		5	3/28/2002	Soil	ATL
3/27/2002	.6 m	537-126-2	2. STLC	mg/l	ND	0.2	4/8/2002	Soil	ATL
	.6 m	537-126-2	3. STLC-DI	mg/l				Soil	
	.6 m	537-126-2	4. TCLP	mg/l				Soil	
	.6 m	537-126-2	5. PH					Soil	
3/27/2002	.9 m	537-126-3	1. TTLC	80 mg/kg		5	3/28/2002	Soil	ATL
3/27/2002	.9 m	537-126-3	2. STLC	mg/l	ND	0.2	4/8/2002	Soil	ATL
	.9 m	537-126-3	3. STLC-DI	mg/l				Soil	
	.9 m	537-126-3	4. TCLP	mg/l				Soil	
	.9 m	537-126-3	5. PH					Soil	
	1.5 m	537-126-5	1. TTLC	mg/kg				Soil	
	1.5 m	537-126-5	2. STLC	mg/l				Soil	
	1.5 m	537-126-5	3. STLC-DI	mg/l				Soil	
	1.5 m	537-126-5	4. TCLP	mg/l				Soil	
	1.5 m	537-126-5	5. PH					Soil	
3/27/2002	surface	537-127-0	1. TTLC	53 mg/kg		5	3/28/2002	Soil	ATL
3/27/2002	surface	537-127-0	2. STLC	4.8 mg/l		0.2	4/8/2002	Soil	ATL
	surface	537-127-0	3. STLC-DI	mg/l				Soil	
	surface	537-127-0	4. TCLP	mg/l				Soil	
	surface	537-127-0	5. PH					Soil	
3/27/2002	.3 m	537-127-1	1. TTLC	26 mg/kg		5	3/28/2002	Soil	ATL
3/27/2002	.3 m	537-127-1	2. STLC	1.3 mg/l		0.2	4/8/2002	Soil	ATL
	.3 m	537-127-1	3. STLC-DI	mg/l				Soil	
	.3 m	537-127-1	4. TCLP	mg/l				Soil	
	.3 m	537-127-1	5. PH					Soil	
3/27/2002	.6 m	537-127-2	1. TTLC	44 mg/kg		5	3/28/2002	Soil	ATL
3/27/2002	.6 m	537-127-2	2. STLC	2.9 mg/l		0.2	4/8/2002	Soil	ATL
	.6 m	537-127-2	3. STLC-DI	mg/l				Soil	
	.6 m	537-127-2	4. TCLP	mg/l				Soil	
	.6 m	537-127-2	5. PH					Soil	
	.9 m	537-127-3	1. TTLC	mg/kg				Soil	
	.9 m	537-127-3	2. STLC	mg/l				Soil	
	.9 m	537-127-3	3. STLC-DI	mg/l				Soil	
	.9 m	537-127-3	4. TCLP	mg/l				Soil	
	.9 m	537-127-3	5. PH					Soil	
	1.5 m	537-127-5	1. TTLC	mg/kg				Soil	



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Depth	Date	Sample ID	Method	Concentration	Units	Media	Notes
.6 m		537-129-2	4. TCLP		mg/l	Soil	
.6 m		537-129-2	5. PH			Soil	
3/27/2002		537-129-3	1. TTLC	10	mg/kg	Soil	ATL
.9 m		537-129-3	2. STLC		mg/l	Soil	
.9 m		537-129-3	3. STLC-DI		mg/l	Soil	
.9 m		537-129-3	4. TCLP		mg/l	Soil	
.9 m		537-129-3	5. PH			Soil	
3/27/2002		537-129-5	1. TTLC	24	mg/kg	Soil	ATL
1.5 m		537-129-5	2. STLC		mg/l	Soil	
1.5 m		537-129-5	3. STLC-DI		mg/l	Soil	
1.5 m		537-129-5	4. TCLP		mg/l	Soil	
1.5 m		537-129-5	5. PH			Soil	
3/27/2002		537-130-0	1. TTLC	49	mg/kg	Soil	ATL
surface		537-130-0	2. STLC		mg/l	Soil	
surface		537-130-0	3. STLC-DI		mg/l	Soil	
surface		537-130-0	4. TCLP		mg/l	Soil	
surface		537-130-0	5. PH			Soil	
3/27/2002		537-130-1	1. TTLC	110	mg/kg	Soil	ATL
.3 m		537-130-1	2. STLC	0.98	mg/l	Soil	ATL
.3 m		537-130-1	3. STLC-DI		mg/l	Soil	
.3 m		537-130-1	4. TCLP		mg/l	Soil	
.3 m		537-130-1	5. PH			Soil	
.6 m		537-130-2	1. TTLC		mg/kg	Soil	
.6 m		537-130-2	2. STLC		mg/l	Soil	
.6 m		537-130-2	3. STLC-DI		mg/l	Soil	
.6 m		537-130-2	4. TCLP		mg/l	Soil	
.6 m		537-130-2	5. PH			Soil	
.9 m		537-130-3	1. TTLC		mg/kg	Soil	
.9 m		537-130-3	2. STLC		mg/l	Soil	
.9 m		537-130-3	3. STLC-DI		mg/l	Soil	
.9 m		537-130-3	4. TCLP		mg/l	Soil	
.9 m		537-130-3	5. PH			Soil	
1.5 m		537-130-5	1. TTLC		mg/kg	Soil	
1.5 m		537-130-5	2. STLC		mg/l	Soil	
1.5 m		537-130-5	3. STLC-DI		mg/l	Soil	
1.5 m		537-130-5	4. TCLP		mg/l	Soil	
1.5 m		537-130-5	5. PH			Soil	
3/27/2002		537-131-0	1. TTLC	6.6	mg/kg	Soil	ATL
surface		537-131-0	2. STLC		mg/l	Soil	
surface		537-131-0	3. STLC-DI		mg/l	Soil	
surface		537-131-0	4. TCLP		mg/l	Soil	
surface		537-131-0	5. PH			Soil	

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3/27/2002	.3 m	537-131-1	1. TTLC	9.6 mg/kg	5	3/28/2002	Lead	Soil	ATL
	.3 m	537-131-1	2. STLC	mg/l			Lead	Soil	
	.3 m	537-131-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	537-131-1	4. TCLP	mg/l			Lead	Soil	
3/27/2002	.3 m	537-131-1	5. PH	7.31	0.1	3/29/2002		Soil	ATL
3/27/2002	.6 m	537-131-2	1. TTLC	15 mg/kg	5	3/28/2002	Lead	Soil	ATL
	.6 m	537-131-2	2. STLC	mg/l			Lead	Soil	
	.6 m	537-131-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	537-131-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	537-131-2	5. PH					Soil	
3/27/2002	.9 m	537-131-3	1. TTLC	5.5 mg/kg	5	3/28/2002	Lead	Soil	ATL
3/27/2002	.9 m	537-131-3	2. STLC	mg/l	0.2	4/8/2002	Lead	Soil	ATL
	.9 m	537-131-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	537-131-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	537-131-3	5. PH					Soil	
	1.5 m	537-131-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	537-131-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	537-131-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	537-131-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	537-131-5	5. PH					Soil	
3/27/2002	surface	537-132-0	1. TTLC	6.1 mg/kg	5	3/28/2002	Lead	Soil	ATL
	surface	537-132-0	2. STLC	mg/l			Lead	Soil	
	surface	537-132-0	3. STLC-DI	mg/l			Lead	Soil	
	surface	537-132-0	4. TCLP	mg/l			Lead	Soil	
	surface	537-132-0	5. PH					Soil	
3/27/2002	.3 m	537-132-1	1. TTLC	7.2 mg/kg	5	3/28/2002	Lead	Soil	ATL
	.3 m	537-132-1	2. STLC	mg/l			Lead	Soil	
	.3 m	537-132-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	537-132-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	537-132-1	5. PH					Soil	
3/27/2002	.6 m	537-132-2	1. TTLC	9.1 mg/kg	5	3/28/2002	Lead	Soil	ATL
	.6 m	537-132-2	2. STLC	mg/l			Lead	Soil	
	.6 m	537-132-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	537-132-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	537-132-2	5. PH					Soil	
	.9 m	537-132-3	1. TTLC	mg/kg			Lead	Soil	
	.9 m	537-132-3	2. STLC	mg/l			Lead	Soil	
	.9 m	537-132-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	537-132-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	537-132-3	5. PH					Soil	
	1.5 m	537-132-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	537-132-5	2. STLC	mg/l			Lead	Soil	

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Depth	Sample ID	Method	Concentration	Date	Unit	Soil Type	Notes
1.5 m	537-132-5	3. STLC-DI			mg/l	Soil	
1.5 m	537-132-5	4. TCLP			mg/l	Soil	
1.5 m	537-132-5	5. PH				Soil	
3/27/2002 surface	537-133-0	1. TTLC	80 mg/kg	3/28/2002		Soil	ATL
3/27/2002 surface	537-133-0	2. STLC	1.4 mg/l	4/8/2002		Soil	ATL
surface	537-133-0	3. STLC-DI			mg/l	Soil	
surface	537-133-0	4. TCLP			mg/l	Soil	
surface	537-133-0	5. PH				Soil	
3/27/2002 .3 m	537-133-1	1. TTLC	7.9 mg/kg	3/28/2002		Soil	ATL
.3 m	537-133-1	2. STLC			mg/l	Soil	
.3 m	537-133-1	3. STLC-DI			mg/l	Soil	
.3 m	537-133-1	4. TCLP			mg/l	Soil	
.3 m	537-133-1	5. PH				Soil	
3/27/2002 .6 m	537-133-2	1. TTLC	6.8 mg/kg	3/28/2002		Soil	ATL
.6 m	537-133-2	2. STLC			mg/l	Soil	
.6 m	537-133-2	3. STLC-DI			mg/l	Soil	
.6 m	537-133-2	4. TCLP			mg/l	Soil	
.6 m	537-133-2	5. PH				Soil	
.9 m	537-133-3	1. TTLC			mg/kg	Soil	
.9 m	537-133-3	2. STLC			mg/l	Soil	
.9 m	537-133-3	3. STLC-DI			mg/l	Soil	
.9 m	537-133-3	4. TCLP			mg/l	Soil	
.9 m	537-133-3	5. PH				Soil	
1.5 m	537-133-5	1. TTLC			mg/kg	Soil	
1.5 m	537-133-5	2. STLC			mg/l	Soil	
1.5 m	537-133-5	3. STLC-DI			mg/l	Soil	
1.5 m	537-133-5	4. TCLP			mg/l	Soil	
1.5 m	537-133-5	5. PH				Soil	
3/27/2002 surface	537-134-0	1. TTLC	28 mg/kg	3/28/2002		Soil	ATL
surface	537-134-0	2. STLC			mg/l	Soil	
surface	537-134-0	3. STLC-DI			mg/l	Soil	
surface	537-134-0	4. TCLP			mg/l	Soil	
3/27/2002 surface	537-134-0	5. PH	6.84	3/29/2002		Soil	ATL
3/27/2002 .3 m	537-134-1	1. TTLC	34 mg/kg	3/28/2002		Soil	ATL
3/27/2002 .3 m	537-134-1	2. STLC	0.61 mg/l	4/8/2002		Soil	ATL
.3 m	537-134-1	3. STLC-DI			mg/l	Soil	
.3 m	537-134-1	4. TCLP			mg/l	Soil	
.3 m	537-134-1	5. PH				Soil	
3/27/2002 .6 m	537-134-2	1. TTLC	6.9 mg/kg	3/28/2002		Soil	ATL
.6 m	537-134-2	2. STLC			mg/l	Soil	
.6 m	537-134-2	3. STLC-DI			mg/l	Soil	
.6 m	537-134-2	4. TCLP			mg/l	Soil	



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Date	Depth	Sample ID	Method	Concentration	Unit	Remarks	Soil Type
3/27/2002	.3 m	537-136-1	2. STLC		mg/l		Soil
	.3 m	537-136-1	3. STLC-DI		mg/l		Soil
	.3 m	537-136-1	4. TCLP		mg/l		Soil
3/27/2002	.3 m	537-136-1	5. PH	7.05	mg/l		Soil
3/27/2002	.6 m	537-136-2	1. TTLC	13	mg/kg	3/29/2002	Soil
	.6 m	537-136-2	2. STLC		mg/l	3/28/2002	Soil
	.6 m	537-136-2	3. STLC-DI		mg/l		Soil
	.6 m	537-136-2	4. TCLP		mg/l		Soil
	.6 m	537-136-2	5. PH		mg/l		Soil
3/27/2002	.9 m	537-136-3	1. TTLC	43	mg/kg	3/28/2002	Soil
	.9 m	537-136-3	2. STLC		mg/l		Soil
	.9 m	537-136-3	3. STLC-DI		mg/l		Soil
	.9 m	537-136-3	4. TCLP		mg/l		Soil
	.9 m	537-136-3	5. PH		mg/l		Soil
	1.5 m	537-136-5	1. TTLC		mg/kg		Soil
	1.5 m	537-136-5	2. STLC		mg/l		Soil
	1.5 m	537-136-5	3. STLC-DI		mg/l		Soil
	1.5 m	537-136-5	4. TCLP		mg/l		Soil
	1.5 m	537-136-5	5. PH		mg/l		Soil
3/27/2002	surface	537-137-0	1. TTLC	29	mg/kg	3/28/2002	Soil
	surface	537-137-0	2. STLC		mg/l		Soil
	surface	537-137-0	3. STLC-DI		mg/l		Soil
	surface	537-137-0	4. TCLP		mg/l		Soil
	surface	537-137-0	5. PH		mg/l		Soil
3/27/2002	.3 m	537-137-1	1. TTLC	51	mg/kg	3/28/2002	Soil
3/27/2002	.3 m	537-137-1	2. STLC	1.9	mg/l	4/8/2002	Soil
	.3 m	537-137-1	3. STLC-DI		mg/l		Soil
	.3 m	537-137-1	4. TCLP		mg/l		Soil
	.3 m	537-137-1	5. PH		mg/l		Soil
	.6 m	537-137-2	1. TTLC		mg/kg		Soil
	.6 m	537-137-2	2. STLC		mg/l		Soil
	.6 m	537-137-2	3. STLC-DI		mg/l		Soil
	.6 m	537-137-2	4. TCLP		mg/l		Soil
	.6 m	537-137-2	5. PH		mg/l		Soil
	.9 m	537-137-3	1. TTLC		mg/kg		Soil
	.9 m	537-137-3	2. STLC		mg/l		Soil
	.9 m	537-137-3	3. STLC-DI		mg/l		Soil
	.9 m	537-137-3	4. TCLP		mg/l		Soil
	.9 m	537-137-3	5. PH		mg/l		Soil
	1.5 m	537-137-5	1. TTLC		mg/kg		Soil
	1.5 m	537-137-5	2. STLC		mg/l		Soil
	1.5 m	537-137-5	3. STLC-DI		mg/l		Soil

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Sample ID	Depth	Method	Concentration	Units	Date	Soil Type
537-137-5	1.5 m	4. TCLP		mg/l		Soil
537-137-5	1.5 m	5. PH				Soil
537-138-0	3/27/2002 surface	1. TTLC	8.8	mg/kg	3/28/2002	ATL
537-138-0	surface	2. STLC		mg/l		Soil
537-138-0	surface	3. STLC-DI		mg/l		Soil
537-138-0	surface	4. TCLP		mg/l		Soil
537-138-0	surface	5. PH				Soil
537-138-1	3/27/2002 .3 m	1. TTLC	21	mg/kg	3/28/2002	ATL
537-138-1	.3 m	2. STLC		mg/l		Soil
537-138-1	.3 m	3. STLC-DI		mg/l		Soil
537-138-1	.3 m	4. TCLP		mg/l		Soil
537-138-1	.3 m	5. PH				Soil
537-138-2	3/27/2002 .6 m	1. TTLC	10	mg/kg	3/28/2002	ATL
537-138-2	.6 m	2. STLC		mg/l		Soil
537-138-2	.6 m	3. STLC-DI		mg/l		Soil
537-138-2	.6 m	4. TCLP		mg/l		Soil
537-138-2	.6 m	5. PH				Soil
537-138-3	3/27/2002 .9 m	1. TTLC	48	mg/kg	3/28/2002	ATL
537-138-3	.9 m	2. STLC		mg/l		Soil
537-138-3	.9 m	3. STLC-DI		mg/l		Soil
537-138-3	.9 m	4. TCLP		mg/l		Soil
537-138-3	.9 m	5. PH				Soil
537-138-5	1.5 m	1. TTLC		mg/kg		Soil
537-138-5	1.5 m	2. STLC		mg/l		Soil
537-138-5	1.5 m	3. STLC-DI		mg/l		Soil
537-138-5	1.5 m	4. TCLP		mg/l		Soil
537-138-5	1.5 m	5. PH				Soil
537-139-0	3/27/2002 surface	1. TTLC	140	mg/kg	3/28/2002	ATL
537-139-0	surface	2. STLC	12	mg/l	4/8/2002	ATL
537-139-0	3/27/2002 surface	3. STLC-DI	ND	mg/l	4/11/2002	ATL
537-139-0	surface	4. TCLP		mg/l		Soil
537-139-0	surface	5. PH				Soil
537-139-1	3/27/2002 .3 m	1. TTLC	8.6	mg/kg	3/28/2002	ATL
537-139-1	.3 m	2. STLC		mg/l		Soil
537-139-1	.3 m	3. STLC-DI		mg/l		Soil
537-139-1	.3 m	4. TCLP		mg/l		Soil
537-139-1	.3 m	5. PH				Soil
537-139-2	3/27/2002 .6 m	1. TTLC	6.03	mg/kg	3/29/2002	ATL
537-139-2	.6 m	2. STLC	7.6	mg/kg	3/28/2002	ATL
537-139-2	.6 m	3. STLC-DI		mg/l		Soil
537-139-2	.6 m	4. TCLP		mg/l		Soil
537-139-2	.6 m	5. PH				Soil

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Sample ID	Date	Depth	Method	Concentration	Units	Depth	Method	Concentration	Units	Soil	ATL
537-139-3	3/27/2002	.9 m	1. TTLC	7.9	mg/kg	5	3/28/2002	Lead	Soil	ATL	
537-139-3		.9 m	2. STLC		mg/l			Lead	Soil		
537-139-3		.9 m	3. STLC-DI		mg/l			Lead	Soil		
537-139-3		.9 m	4. TCLP		mg/l			Lead	Soil		
537-139-3		.9 m	5. PH						Soil		
537-139-5	3/27/2002	1.5 m	1. TTLC	73	mg/kg	5	3/28/2002	Lead	Soil	ATL	
537-139-5		1.5 m	2. STLC	ND	mg/l	0.2	4/8/2002	Lead	Soil	ATL	
537-139-5		1.5 m	3. STLC-DI		mg/l			Lead	Soil		
537-139-5		1.5 m	4. TCLP		mg/l			Lead	Soil		
537-139-5		1.5 m	5. PH						Soil		
537-140-0	3/27/2002	surface	1. TTLC	61	mg/kg	5	3/28/2002	Lead	Soil	ATL	
537-140-0		surface	2. STLC	34	mg/l	0.2	4/8/2002	Lead	Soil	ATL	
537-140-0		surface	3. STLC-DI		mg/l			Lead	Soil		
537-140-0		surface	4. TCLP		mg/l			Lead	Soil		
537-140-0		surface	5. PH						Soil		
537-140-1	3/27/2002	.3 m	1. TTLC	29	mg/kg	5	3/28/2002	Lead	Soil	ATL	
537-140-1		.3 m	2. STLC		mg/l			Lead	Soil		
537-140-1		.3 m	3. STLC-DI		mg/l			Lead	Soil		
537-140-1		.3 m	4. TCLP		mg/l			Lead	Soil		
537-140-1		.3 m	5. PH						Soil		
537-140-2	3/27/2002	.6 m	1. TTLC	130	mg/kg	5	3/28/2002	Lead	Soil	ATL	
537-140-2		.6 m	2. STLC	4.4	mg/l	0.2	4/8/2002	Lead	Soil	ATL	
537-140-2		.6 m	3. STLC-DI		mg/l			Lead	Soil		
537-140-2		.6 m	4. TCLP		mg/l			Lead	Soil		
537-140-2		.6 m	5. PH						Soil		
537-140-3	3/27/2002	.9 m	1. TTLC	6.9	mg/kg	5	3/28/2002	Lead	Soil	ATL	
537-140-3		.9 m	2. STLC		mg/l			Lead	Soil		
537-140-3		.9 m	3. STLC-DI		mg/l			Lead	Soil		
537-140-3		.9 m	4. TCLP		mg/l			Lead	Soil		
537-140-3		.9 m	5. PH						Soil		
537-140-5	3/27/2002	1.5 m	1. TTLC		mg/kg			Lead	Soil		
537-140-5		1.5 m	2. STLC		mg/l			Lead	Soil		
537-140-5		1.5 m	3. STLC-DI		mg/l			Lead	Soil		
537-140-5		1.5 m	4. TCLP		mg/l			Lead	Soil		
537-140-5		1.5 m	5. PH						Soil		
537-141-0	3/27/2002	surface	1. TTLC	7.1	mg/kg	5	3/28/2002	Lead	Soil	ATL	
537-141-0		surface	2. STLC		mg/l			Lead	Soil		
537-141-0		surface	3. STLC-DI		mg/l			Lead	Soil		
537-141-0		surface	4. TCLP		mg/l			Lead	Soil		
537-141-0		surface	5. PH						Soil		
537-141-1	3/27/2002	.3 m	1. TTLC	21	mg/kg	5	3/28/2002	Lead	Soil	ATL	
537-141-1		.3 m	2. STLC		mg/l			Lead	Soil		

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Depth	Sample ID	Method	Result	Unit	Date	Matrix
.3 m	537-141-1	3. STLC-DI		mg/l		Soil
.3 m	537-141-1	4. TCLP		mg/l		Soil
.3 m	537-141-1	5. PH				Soil
3/27/2002 .6 m	537-141-2	1. TTLC	59	mg/kg	3/28/2002	Soil
3/27/2002 .6 m	537-141-2	2. STLC	0.2	mg/l	4/8/2002	Soil
.6 m	537-141-2	3. STLC-DI	ND			Soil
.6 m	537-141-2	4. TCLP				Soil
.6 m	537-141-2	5. PH	8.31		3/29/2002	Soil
3/27/2002 .6 m	537-141-2	1. TTLC	10	mg/kg	3/28/2002	Soil
3/27/2002 .9 m	537-141-3	2. STLC		mg/l		Soil
.9 m	537-141-3	3. STLC-DI		mg/l		Soil
.9 m	537-141-3	4. TCLP		mg/l		Soil
.9 m	537-141-3	5. PH				Soil
1.5 m	537-141-5	1. TTLC		mg/kg		Soil
1.5 m	537-141-5	2. STLC		mg/l		Soil
1.5 m	537-141-5	3. STLC-DI		mg/l		Soil
1.5 m	537-141-5	4. TCLP		mg/l		Soil
1.5 m	537-141-5	5. PH				Soil
3/27/2002 surface	537-142-0	1. TTLC	1000	mg/kg	3/28/2002	Soil
surface	537-142-0	2. STLC		mg/l		Soil
surface	537-142-0	3. STLC-DI		mg/l		Soil
3/27/2002 surface	537-142-0	4. TCLP	1.9	mg/l	4/5/2002	Soil
surface	537-142-0	5. PH				Soil
3/27/2002 .3 m	537-142-1	1. TTLC	580	mg/kg	3/28/2002	Soil
3/27/2002 .3 m	537-142-1	2. STLC	41	mg/l	4/8/2002	Soil
3/27/2002 .3 m	537-142-1	3. STLC-DI	ND			Soil
.3 m	537-142-1	4. TCLP		mg/l	4/11/2002	Soil
.3 m	537-142-1	5. PH				Soil
3/27/2002 .6 m	537-142-2	1. TTLC	31	mg/kg	3/28/2002	Soil
.6 m	537-142-2	2. STLC		mg/l		Soil
.6 m	537-142-2	3. STLC-DI		mg/l		Soil
.6 m	537-142-2	4. TCLP		mg/l		Soil
.6 m	537-142-2	5. PH				Soil
3/27/2002 .9 m	537-142-3	1. TTLC	13	mg/kg	3/28/2002	Soil
.9 m	537-142-3	2. STLC		mg/l		Soil
.9 m	537-142-3	3. STLC-DI		mg/l		Soil
.9 m	537-142-3	4. TCLP		mg/l		Soil
.9 m	537-142-3	5. PH				Soil
3/27/2002 1.5 m	537-142-5	1. TTLC	43	mg/kg	3/28/2002	Soil
1.5 m	537-142-5	2. STLC		mg/l		Soil
1.5 m	537-142-5	3. STLC-DI		mg/l		Soil
1.5 m	537-142-5	4. TCLP		mg/l		Soil

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3/27/2002	1.5 m	537-142-5	5. PH	1500 mg/kg	5		Soil	ATL
	surface	537-143-0	1. TTLC	mg/l		3/28/2002	Lead	
	surface	537-143-0	2. STLC	mg/l			Lead	
	surface	537-143-0	3. STLC-DI	mg/l			Lead	
3/27/2002	surface	537-143-0	4. TCLP	3.4 mg/l	0.2	4/5/2002	Lead	ATL
	surface	537-143-0	5. PH					
3/27/2002	.3 m	537-143-1	1. TTLC	56 mg/kg	5	3/28/2002	Lead	ATL
	.3 m	537-143-1	2. STLC	4.8 mg/l	0.2	4/8/2002	Lead	ATL
	.3 m	537-143-1	3. STLC-DI	mg/l			Lead	
	.3 m	537-143-1	4. TCLP	mg/l			Lead	
	.3 m	537-143-1	5. PH					
3/27/2002	.6 m	537-143-2	1. TTLC	56 mg/kg	5	3/28/2002	Lead	ATL
	.6 m	537-143-2	2. STLC	4.7 mg/l	0.2	4/8/2002	Lead	ATL
	.6 m	537-143-2	3. STLC-DI	mg/l			Lead	
	.6 m	537-143-2	4. TCLP	mg/l			Lead	
	.6 m	537-143-2	5. PH					
3/27/2002	.9 m	537-143-3	1. TTLC	15 mg/kg	5	3/28/2002	Lead	ATL
	.9 m	537-143-3	2. STLC	mg/l			Lead	
	.9 m	537-143-3	3. STLC-DI	mg/l			Lead	
	.9 m	537-143-3	4. TCLP	mg/l			Lead	
3/27/2002	.9 m	537-143-3	5. PH	7.72	0.1	3/29/2002	Lead	ATL
	1.5 m	537-143-5	1. TTLC	mg/kg			Lead	
	1.5 m	537-143-5	2. STLC	mg/l			Lead	
	1.5 m	537-143-5	3. STLC-DI	mg/l			Lead	
	1.5 m	537-143-5	4. TCLP	mg/l			Lead	
	1.5 m	537-143-5	5. PH					
3/27/2002	surface	537-144-0	1. TTLC	1900 mg/kg	5	3/28/2002	Lead	ATL
	surface	537-144-0	2. STLC	mg/l			Lead	
	surface	537-144-0	3. STLC-DI	mg/l			Lead	
3/27/2002	surface	537-144-0	4. TCLP	5.6 mg/l	0.2	4/5/2002	Lead	ATL
	surface	537-144-0	5. PH					
3/27/2002	.3 m	537-144-1	1. TTLC	150 mg/kg	5	3/28/2002	Lead	ATL
	.3 m	537-144-1	2. STLC	12 mg/l	0.2	4/8/2002	Lead	ATL
3/27/2002	.3 m	537-144-1	3. STLC-DI	mg/l	0.2	4/11/2002	Lead	ATL
	.3 m	537-144-1	4. TCLP	mg/l			Lead	
	.3 m	537-144-1	5. PH					
3/27/2002	.6 m	537-144-2	1. TTLC	41 mg/kg	5	3/28/2002	Lead	ATL
	.6 m	537-144-2	2. STLC	mg/l			Lead	
	.6 m	537-144-2	3. STLC-DI	mg/l			Lead	
	.6 m	537-144-2	4. TCLP	mg/l			Lead	
	.6 m	537-144-2	5. PH					
3/27/2002	.9 m	537-144-3	1. TTLC	210 mg/kg	5	3/28/2002	Lead	ATL

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3/27/2002	.9 m	537-144-3	2. STLC		16 mg/l							Soil	ATL
3/27/2002	.9 m	537-144-3	3. STLC-DI	ND	mg/l							Soil	ATL
	.9 m	537-144-3	4. TCLP		mg/l				4/8/2002	Lead		Soil	
	.9 m	537-144-3	5. PH						4/11/2002	Lead		Soil	
	1.5 m	537-144-5	1. TTLC		mg/kg					Lead		Soil	
	1.5 m	537-144-5	2. STLC		mg/l					Lead		Soil	
	1.5 m	537-144-5	3. STLC-DI		mg/l					Lead		Soil	
	1.5 m	537-144-5	4. TCLP		mg/l					Lead		Soil	
	1.5 m	537-144-5	5. PH									Soil	
3/27/2002	surface	537-145-0	1. TTLC		1000 mg/kg				3/28/2002	Lead		Soil	ATL
	surface	537-145-0	2. STLC		mg/l					Lead		Soil	
	surface	537-145-0	3. STLC-DI		mg/l					Lead		Soil	
	surface	537-145-0	4. TCLP		2.3 mg/l				4/5/2002	Lead		Soil	ATL
	surface	537-145-0	5. PH									Soil	
3/27/2002	.3 m	537-145-1	1. TTLC		120 mg/kg				3/28/2002	Lead		Soil	ATL
3/27/2002	.3 m	537-145-1	2. STLC		11 mg/l				4/8/2002	Lead		Soil	ATL
3/27/2002	.3 m	537-145-1	3. STLC-DI	ND	mg/l				4/11/2002	Lead		Soil	ATL
	.3 m	537-145-1	4. TCLP		mg/l					Lead		Soil	
	.3 m	537-145-1	5. PH									Soil	
3/27/2002	.6 m	537-145-2	1. TTLC		46 mg/kg				3/28/2002	Lead		Soil	ATL
	.6 m	537-145-2	2. STLC		mg/l					Lead		Soil	
	.6 m	537-145-2	3. STLC-DI		mg/l					Lead		Soil	
	.6 m	537-145-2	4. TCLP		mg/l					Lead		Soil	
	.6 m	537-145-2	5. PH									Soil	
	.9 m	537-145-3	1. TTLC		mg/kg					Lead		Soil	
	.9 m	537-145-3	2. STLC		mg/l					Lead		Soil	
	.9 m	537-145-3	3. STLC-DI		mg/l					Lead		Soil	
	.9 m	537-145-3	4. TCLP		mg/l					Lead		Soil	
	.9 m	537-145-3	5. PH									Soil	
	1.5 m	537-145-5	1. TTLC		mg/kg					Lead		Soil	
	1.5 m	537-145-5	2. STLC		mg/l					Lead		Soil	
	1.5 m	537-145-5	3. STLC-DI		mg/l					Lead		Soil	
	1.5 m	537-145-5	4. TCLP		mg/l					Lead		Soil	
	1.5 m	537-145-5	5. PH									Soil	
3/27/2002	surface	537-146-0	1. TTLC		870 mg/kg				3/28/2002	Lead		Soil	ATL
3/27/2002	surface	537-146-0	2. STLC		73 mg/l				4/8/2002	Lead		Soil	ATL
3/27/2002	surface	537-146-0	3. STLC-DI		2.4 mg/l				4/11/2002	Lead		Soil	ATL
	surface	537-146-0	4. TCLP		mg/l					Lead		Soil	
	surface	537-146-0	5. PH									Soil	
3/27/2002	.3 m	537-146-1	1. TTLC		21 mg/kg				3/28/2002	Lead		Soil	ATL
	.3 m	537-146-1	2. STLC		mg/l					Lead		Soil	
	.3 m	537-146-1	3. STLC-DI		mg/l					Lead		Soil	

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Depth	Sample ID	Method	Concentration	Date	Lead	Soil	ATL
.3 m	537-146-1	4. TCLP	mg/l			Soil	
.3 m	537-146-1	5. PH				Soil	
3/27/2002	537-146-2	1. TTLC	9.8 mg/kg	3/28/2002	Lead	Soil	ATL
.6 m	537-146-2	2. STLC	mg/l		Lead	Soil	
.6 m	537-146-2	3. STLC-DI	mg/l		Lead	Soil	
.6 m	537-146-2	4. TCLP	mg/l		Lead	Soil	
3/27/2002	537-146-2	5. PH	7.71	3/29/2002		Soil	ATL
3/27/2002	537-146-3	1. TTLC	8.8 mg/kg	3/28/2002	Lead	Soil	ATL
.9 m	537-146-3	2. STLC	mg/l		Lead	Soil	
.9 m	537-146-3	3. STLC-DI	mg/l		Lead	Soil	
.9 m	537-146-3	4. TCLP	mg/l		Lead	Soil	
.9 m	537-146-3	5. PH				Soil	
3/27/2002	537-146-5	1. TTLC	6.1 mg/kg	3/28/2002	Lead	Soil	ATL
1.5 m	537-146-5	2. STLC	mg/l		Lead	Soil	
1.5 m	537-146-5	3. STLC-DI	mg/l		Lead	Soil	
1.5 m	537-146-5	4. TCLP	mg/l		Lead	Soil	
1.5 m	537-146-5	5. PH				Soil	
3/27/2002	537-147-0	1. TTLC	560 mg/kg	3/28/2002	Lead	Soil	ATL
surface	537-147-0	2. STLC	68 mg/l	4/8/2002	Lead	Soil	ATL
3/27/2002	537-147-0	3. STLC-DI	0.27 mg/l	4/11/2002	Lead	Soil	ATL
surface	537-147-0	4. TCLP	mg/l		Lead	Soil	
surface	537-147-0	5. PH				Soil	
3/27/2002	537-147-1	1. TTLC	200 mg/kg	3/28/2002	Lead	Soil	ATL
.3 m	537-147-1	2. STLC	24 mg/l	4/8/2002	Lead	Soil	ATL
3/27/2002	537-147-1	3. STLC-DI	ND	4/11/2002	Lead	Soil	ATL
.3 m	537-147-1	4. TCLP	mg/l		Lead	Soil	
.3 m	537-147-1	5. PH				Soil	
3/27/2002	537-147-2	1. TTLC	11 mg/kg	3/28/2002	Lead	Soil	ATL
.6 m	537-147-2	2. STLC	mg/l		Lead	Soil	
.6 m	537-147-2	3. STLC-DI	mg/l		Lead	Soil	
.6 m	537-147-2	4. TCLP	mg/l		Lead	Soil	
.6 m	537-147-2	5. PH				Soil	
3/27/2002	537-147-3	1. TTLC	6.9 mg/kg	3/28/2002	Lead	Soil	ATL
.9 m	537-147-3	2. STLC	mg/l		Lead	Soil	
.9 m	537-147-3	3. STLC-DI	mg/l		Lead	Soil	
.9 m	537-147-3	4. TCLP	mg/l		Lead	Soil	
.9 m	537-147-3	5. PH				Soil	
1.5 m	537-147-5	1. TTLC	mg/kg		Lead	Soil	
1.5 m	537-147-5	2. STLC	mg/l		Lead	Soil	
1.5 m	537-147-5	3. STLC-DI	mg/l		Lead	Soil	
1.5 m	537-147-5	4. TCLP	mg/l		Lead	Soil	
1.5 m	537-147-5	5. PH				Soil	

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3/27/2002 surface	537-148-0	1. TTLC	760 mg/kg	5	3/28/2002	Soil	ATL
3/27/2002 surface	537-148-0	2. STLC	140 mg/l	0.2	4/8/2002	Soil	ATL
3/27/2002 surface	537-148-0	3. STLC-DI	1.8 mg/l	0.2	4/11/2002	Soil	ATL
3/27/2002 surface	537-148-0	4. TCLP	mg/l			Soil	
3/27/2002 surface	537-148-0	5. PH				Soil	
3/27/2002 .3 m	537-148-1	1. TTLC	730 mg/kg	5	3/28/2002	Soil	ATL
3/27/2002 .3 m	537-148-1	2. STLC	66 mg/l	0.2	4/8/2002	Soil	ATL
3/27/2002 .3 m	537-148-1	3. STLC-DI	2.5 mg/l	0.2	4/11/2002	Soil	ATL
3/27/2002 .3 m	537-148-1	4. TCLP	mg/l			Soil	
3/27/2002 .3 m	537-148-1	5. PH				Soil	
3/27/2002 .6 m	537-148-2	1. TTLC	330 mg/kg	5	3/28/2002	Soil	ATL
3/27/2002 .6 m	537-148-2	2. STLC	19 mg/l	0.2	4/8/2002	Soil	ATL
3/27/2002 .6 m	537-148-2	3. STLC-DI	0.37 mg/l	0.2	4/11/2002	Soil	ATL
3/27/2002 .6 m	537-148-2	4. TCLP	mg/l			Soil	
3/27/2002 .6 m	537-148-2	5. PH	7.98	0.1	3/29/2002	Soil	ATL
3/27/2002 .9 m	537-148-3	1. TTLC	15 mg/kg	5	3/28/2002	Soil	ATL
3/27/2002 .9 m	537-148-3	2. STLC	mg/l			Soil	
3/27/2002 .9 m	537-148-3	3. STLC-DI	mg/l			Soil	
3/27/2002 .9 m	537-148-3	4. TCLP	mg/l			Soil	
3/27/2002 .9 m	537-148-3	5. PH				Soil	
3/27/2002 1.5 m	537-148-5	1. TTLC	210 mg/kg	5	3/28/2002	Soil	ATL
3/27/2002 1.5 m	537-148-5	2. STLC	10 mg/l	0.2	4/8/2002	Soil	ATL
3/27/2002 1.5 m	537-148-5	3. STLC-DI	mg/l	0.2	4/11/2002	Soil	ATL
3/27/2002 1.5 m	537-148-5	4. TCLP	mg/l			Soil	
3/27/2002 1.5 m	537-148-5	5. PH				Soil	
3/27/2002 surface	537-149-0	1. TTLC	660 mg/kg	5	3/28/2002	Soil	ATL
3/27/2002 surface	537-149-0	2. STLC	57 mg/l	0.2	4/8/2002	Soil	ATL
3/27/2002 surface	537-149-0	3. STLC-DI	2.2 mg/l	0.2	4/11/2002	Soil	ATL
3/27/2002 surface	537-149-0	4. TCLP	mg/l			Soil	
3/27/2002 surface	537-149-0	5. PH				Soil	
3/27/2002 .3 m	537-149-1	1. TTLC	70 mg/kg	5	3/28/2002	Soil	ATL
3/27/2002 .3 m	537-149-1	2. STLC	6.7 mg/l	0.2	4/8/2002	Soil	ATL
3/27/2002 .3 m	537-149-1	3. STLC-DI	mg/l	0.2	4/11/2002	Soil	ATL
3/27/2002 .3 m	537-149-1	4. TCLP	mg/l			Soil	
3/27/2002 .3 m	537-149-1	5. PH				Soil	
3/27/2002 .6 m	537-149-2	1. TTLC	22 mg/kg	5	3/28/2002	Soil	ATL
3/27/2002 .6 m	537-149-2	2. STLC	mg/l			Soil	
3/27/2002 .6 m	537-149-2	3. STLC-DI	mg/l			Soil	
3/27/2002 .6 m	537-149-2	4. TCLP	mg/l			Soil	
3/27/2002 .6 m	537-149-2	5. PH				Soil	
3/27/2002 .9 m	537-149-3	1. TTLC	58 mg/kg	5	3/28/2002	Soil	ATL
3/27/2002 .9 m	537-149-3	2. STLC	0.92 mg/l	0.2	4/8/2002	Soil	ATL

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Date	Depth	Sample ID	Method	Concentration	Unit	Matrix	Remarks
	.9 m	537-149-3	3. STLC-DI		mg/l	Soil	
	.9 m	537-149-3	4. TCLP		mg/l	Soil	
	.9 m	537-149-3	5. PH			Soil	
	1.5 m	537-149-5	1. TTLC		mg/kg	Soil	
	1.5 m	537-149-5	2. STLC		mg/l	Soil	
	1.5 m	537-149-5	3. STLC-DI		mg/l	Soil	
	1.5 m	537-149-5	4. TCLP		mg/l	Soil	
	1.5 m	537-149-5	5. PH			Soil	
3/27/2002	surface	537-150-0	1. TTLC	140	mg/kg	Soil	ATL
3/27/2002	surface	537-150-0	2. STLC	14	mg/l	Soil	ATL
3/27/2002	surface	537-150-0	3. STLC-DI	ND	mg/l	Soil	ATL
	surface	537-150-0	4. TCLP		mg/l	Soil	
	surface	537-150-0	5. PH			Soil	
3/27/2002	.3 m	537-150-1	1. TTLC	74	mg/kg	Soil	ATL
3/27/2002	.3 m	537-150-1	2. STLC	4.8	mg/l	Soil	ATL
	.3 m	537-150-1	3. STLC-DI		mg/l	Soil	
	.3 m	537-150-1	4. TCLP		mg/l	Soil	
	.3 m	537-150-1	5. PH			Soil	
3/27/2002	.6 m	537-150-2	1. TTLC	53	mg/kg	Soil	ATL
3/27/2002	.6 m	537-150-2	2. STLC	1.7	mg/l	Soil	ATL
	.6 m	537-150-2	3. STLC-DI		mg/l	Soil	
	.6 m	537-150-2	4. TCLP		mg/l	Soil	
	.6 m	537-150-2	5. PH			Soil	
	.9 m	537-150-3	1. TTLC		mg/kg	Soil	
	.9 m	537-150-3	2. STLC		mg/l	Soil	
	.9 m	537-150-3	3. STLC-DI		mg/l	Soil	
	.9 m	537-150-3	4. TCLP		mg/l	Soil	
	.9 m	537-150-3	5. PH			Soil	
	1.5 m	537-150-5	1. TTLC		mg/kg	Soil	
	1.5 m	537-150-5	2. STLC		mg/l	Soil	
	1.5 m	537-150-5	3. STLC-DI		mg/l	Soil	
	1.5 m	537-150-5	4. TCLP		mg/l	Soil	
	1.5 m	537-150-5	5. PH			Soil	
3/27/2002	surface	537-151-0	1. TTLC	1600	mg/kg	Soil	ATL
	surface	537-151-0	2. STLC		mg/l	Soil	
	surface	537-151-0	3. STLC-DI		mg/l	Soil	
3/27/2002	surface	537-151-0	4. TCLP	5.1	mg/l	Soil	ATL
3/27/2002	surface	537-151-0	5. PH	6.88		Soil	ATL
3/27/2002	.3 m	537-151-1	1. TTLC	1100	mg/kg	Soil	ATL
	.3 m	537-151-1	2. STLC		mg/l	Soil	
	.3 m	537-151-1	3. STLC-DI		mg/l	Soil	
3/27/2002	.3 m	537-151-1	4. TCLP	4.1	mg/l	Soil	ATL

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Depth	Sample ID	Method	Result	Unit	Soil Type	Date
.3 m	537-151-1	5. PH			Soil	
.6 m	537-151-2	1. TTLC			Soil	
.6 m	537-151-2	2. STLC		mg/kg	Soil	
.6 m	537-151-2	3. STLC-DI		mg/l	Soil	
.6 m	537-151-2	4. TCLP		mg/l	Soil	
.6 m	537-151-2	5. PH			Soil	
.9 m	537-151-3	1. TTLC		mg/kg	Soil	
.9 m	537-151-3	2. STLC		mg/l	Soil	
.9 m	537-151-3	3. STLC-DI		mg/l	Soil	
.9 m	537-151-3	4. TCLP		mg/l	Soil	
.9 m	537-151-3	5. PH			Soil	
1.5 m	537-151-5	1. TTLC		mg/kg	Soil	
1.5 m	537-151-5	2. STLC		mg/l	Soil	
1.5 m	537-151-5	3. STLC-DI		mg/l	Soil	
1.5 m	537-151-5	4. TCLP		mg/l	Soil	
1.5 m	537-151-5	5. PH			Soil	
3/27/2002 surface	537-152-0	1. TTLC	140	mg/kg	Soil	3/28/2002
3/27/2002 surface	537-152-0	2. STLC	6.6	mg/l	Soil	4/8/2002
3/27/2002 surface	537-152-0	3. STLC-DI	ND	mg/l	Soil	4/11/2002
3/27/2002 surface	537-152-0	4. TCLP		mg/l	Soil	
3/27/2002 surface	537-152-0	5. PH			Soil	
3/27/2002 .3 m	537-152-1	1. TTLC	20	mg/kg	Soil	3/28/2002
.3 m	537-152-1	2. STLC		mg/l	Soil	
.3 m	537-152-1	3. STLC-DI		mg/l	Soil	
.3 m	537-152-1	4. TCLP		mg/l	Soil	
.3 m	537-152-1	5. PH			Soil	
3/27/2002 .6 m	537-152-2	1. TTLC	6.5	mg/kg	Soil	3/28/2002
.6 m	537-152-2	2. STLC		mg/l	Soil	
.6 m	537-152-2	3. STLC-DI		mg/l	Soil	
.6 m	537-152-2	4. TCLP		mg/l	Soil	
.6 m	537-152-2	5. PH			Soil	
3/27/2002 .9 m	537-152-3	1. TTLC	6	mg/kg	Soil	3/28/2002
.9 m	537-152-3	2. STLC		mg/l	Soil	
.9 m	537-152-3	3. STLC-DI		mg/l	Soil	
.9 m	537-152-3	4. TCLP		mg/l	Soil	
.9 m	537-152-3	5. PH			Soil	
3/27/2002 1.5 m	537-152-5	1. TTLC	7	mg/kg	Soil	3/28/2002
1.5 m	537-152-5	2. STLC		mg/l	Soil	
1.5 m	537-152-5	3. STLC-DI		mg/l	Soil	
1.5 m	537-152-5	4. TCLP		mg/l	Soil	
1.5 m	537-152-5	5. PH			Soil	
3/27/2002 surface	537-153-0	1. TTLC	560	mg/kg	Soil	3/28/2002

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Date	Depth	Sample ID	Method	Concentration	Units	Notes	Soil Type	Date	Concentration	Units	Notes	Soil Type
3/27/2002	surface	537-153-0	2. STLC	50	mg/l		Soil	4/8/2002	0.2	mg/kg		Soil
3/27/2002	surface	537-153-0	3. STLC-DI	0.26	mg/l		Soil	4/11/2002	0.2	mg/l		Soil
	surface	537-153-0	4. TCLP		mg/l		Soil					Soil
	surface	537-153-0	5. PH				Soil					Soil
3/27/2002	.3 m	537-153-1	1. TTLC	86	mg/kg		Soil	3/28/2002	5	mg/kg		Soil
3/27/2002	.3 m	537-153-1	2. STLC	4.5	mg/l		Soil	4/8/2002	0.2	mg/l		Soil
	.3 m	537-153-1	3. STLC-DI		mg/l		Soil					Soil
	.3 m	537-153-1	4. TCLP		mg/l		Soil					Soil
	.3 m	537-153-1	5. PH				Soil					Soil
3/27/2002	.6 m	537-153-2	1. TTLC	200	mg/kg		Soil	3/28/2002	5	mg/kg		Soil
3/27/2002	.6 m	537-153-2	2. STLC	12	mg/l		Soil	4/8/2002	0.2	mg/l		Soil
3/27/2002	.6 m	537-153-2	3. STLC-DI	ND			Soil	4/11/2002	0.2	mg/l		Soil
	.6 m	537-153-2	4. TCLP		mg/l		Soil					Soil
	.6 m	537-153-2	5. PH				Soil					Soil
	.9 m	537-153-3	1. TTLC		mg/kg		Soil					Soil
	.9 m	537-153-3	2. STLC		mg/l		Soil					Soil
	.9 m	537-153-3	3. STLC-DI		mg/l		Soil					Soil
	.9 m	537-153-3	4. TCLP		mg/l		Soil					Soil
	.9 m	537-153-3	5. PH				Soil					Soil
	1.5 m	537-153-5	1. TTLC		mg/kg		Soil					Soil
	1.5 m	537-153-5	2. STLC		mg/l		Soil					Soil
	1.5 m	537-153-5	3. STLC-DI		mg/l		Soil					Soil
	1.5 m	537-153-5	4. TCLP		mg/l		Soil					Soil
	1.5 m	537-153-5	5. PH				Soil					Soil
3/28/2002	surface	537-154-0	1. TTLC	26	mg/kg		Soil	3/29/2002	5	mg/kg		Soil
	surface	537-154-0	2. STLC		mg/l		Soil					Soil
	surface	537-154-0	3. STLC-DI		mg/l		Soil					Soil
	surface	537-154-0	4. TCLP		mg/l		Soil					Soil
3/28/2002	surface	537-154-0	5. PH	4.86			Soil	3/29/2002	0.1	mg/kg		Soil
3/28/2002	.3 m	537-154-1	1. TTLC	9.9	mg/kg		Soil	3/29/2002	5	mg/kg		Soil
	.3 m	537-154-1	2. STLC		mg/l		Soil					Soil
	.3 m	537-154-1	3. STLC-DI		mg/l		Soil					Soil
	.3 m	537-154-1	4. TCLP		mg/l		Soil					Soil
	.3 m	537-154-1	5. PH				Soil					Soil
3/28/2002	.6 m	537-154-2	1. TTLC	17	mg/kg		Soil	3/29/2002	5	mg/kg		Soil
	.6 m	537-154-2	2. STLC		mg/l		Soil					Soil
	.6 m	537-154-2	3. STLC-DI		mg/l		Soil					Soil
	.6 m	537-154-2	4. TCLP		mg/l		Soil					Soil
	.6 m	537-154-2	5. PH				Soil					Soil
	.9 m	537-154-3	1. TTLC		mg/kg		Soil					Soil
	.9 m	537-154-3	2. STLC		mg/l		Soil					Soil
	.9 m	537-154-3	3. STLC-DI		mg/l		Soil					Soil

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Depth	Sample ID	Method	Concentration	Date	Media	Notes
.9 m	537-154-3	4. TCLP	mg/l		Soil	
.9 m	537-154-3	5. PH			Soil	
1.5 m	537-154-5	1. TTLC	mg/kg		Soil	
1.5 m	537-154-5	2. STLC	mg/l		Soil	
1.5 m	537-154-5	3. STLC-DI	mg/l		Soil	
1.5 m	537-154-5	4. TCLP	mg/l		Soil	
1.5 m	537-154-5	5. PH			Soil	
3/28/2002 surface	537-155-0	1. TTLC	53 mg/kg	5	Soil	ATL
3/28/2002 surface	537-155-0	2. STLC	3.1 mg/l	0.2	Soil	ATL
surface	537-155-0	3. STLC-DI	mg/l		Soil	
surface	537-155-0	4. TCLP	mg/l		Soil	
surface	537-155-0	5. PH			Soil	
3/28/2002 .3 m	537-155-1	1. TTLC	7 mg/kg	5	Soil	ATL
.3 m	537-155-1	2. STLC	mg/l		Soil	
.3 m	537-155-1	3. STLC-DI	mg/l		Soil	
.3 m	537-155-1	4. TCLP	mg/l		Soil	
.3 m	537-155-1	5. PH			Soil	
3/28/2002 .6 m	537-155-2	1. TTLC	mg/kg	5	Soil	ATL
.6 m	537-155-2	2. STLC	mg/l		Soil	
.6 m	537-155-2	3. STLC-DI	mg/l		Soil	
.6 m	537-155-2	4. TCLP	mg/l		Soil	
.6 m	537-155-2	5. PH			Soil	
3/28/2002 .9 m	537-155-3	1. TTLC	mg/kg	5	Soil	ATL
.9 m	537-155-3	2. STLC	mg/l		Soil	
.9 m	537-155-3	3. STLC-DI	mg/l		Soil	
.9 m	537-155-3	4. TCLP	mg/l		Soil	
.9 m	537-155-3	5. PH			Soil	
3/28/2002 1.5 m	537-155-5	1. TTLC	5.9 mg/kg	5	Soil	ATL
1.5 m	537-155-5	2. STLC	mg/l		Soil	
1.5 m	537-155-5	3. STLC-DI	mg/l		Soil	
1.5 m	537-155-5	4. TCLP	mg/l		Soil	
1.5 m	537-155-5	5. PH			Soil	
3/28/2002 surface	537-156-0	1. TTLC	62 mg/kg	5	Soil	ATL
3/28/2002 surface	537-156-0	2. STLC	3.1 mg/l	0.2	Soil	ATL
surface	537-156-0	3. STLC-DI	mg/l		Soil	
surface	537-156-0	4. TCLP	mg/l		Soil	
surface	537-156-0	5. PH			Soil	
3/28/2002 .3 m	537-156-1	1. TTLC	18 mg/kg	5	Soil	ATL
.3 m	537-156-1	2. STLC	mg/l		Soil	
.3 m	537-156-1	3. STLC-DI	mg/l		Soil	
.3 m	537-156-1	4. TCLP	mg/l		Soil	
3/28/2002 .3 m	537-156-1	5. PH	7.59	0.1	Soil	ATL

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Date	Depth	Sample ID	Method	Concentration	Depth	Method	Concentration	Soil Type	ATL
3/28/2002	.6 m	537-156-2	1. TTLC	7 mg/kg	5	3/29/2002	Lead	Soil	ATL
	.6 m	537-156-2	2. STLC	mg/l				Soil	
	.6 m	537-156-2	3. STLC-DI	mg/l				Soil	
	.6 m	537-156-2	4. TCLP	mg/l				Soil	
	.6 m	537-156-2	5. PH	mg/l				Soil	
3/28/2002	.9 m	537-156-3	1. TTLC	7.3 mg/kg	5	3/29/2002	Lead	Soil	ATL
	.9 m	537-156-3	2. STLC	mg/l				Soil	
	.9 m	537-156-3	3. STLC-DI	mg/l				Soil	
	.9 m	537-156-3	4. TCLP	mg/l				Soil	
	.9 m	537-156-3	5. PH	mg/l				Soil	
	1.5 m	537-156-5	1. TTLC	mg/kg				Soil	
	1.5 m	537-156-5	2. STLC	mg/l				Soil	
	1.5 m	537-156-5	3. STLC-DI	mg/l				Soil	
	1.5 m	537-156-5	4. TCLP	mg/l				Soil	
	1.5 m	537-156-5	5. PH	mg/l				Soil	
3/28/2002	surface	537-157-0	1. TTLC	70 mg/kg	5	3/29/2002	Lead	Soil	ATL
	surface	537-157-0	2. STLC	4.8 mg/l				Soil	ATL
3/28/2002	surface	537-157-0	3. STLC-DI	mg/l	5	3/29/2002	Lead	Soil	ATL
	surface	537-157-0	4. TCLP	mg/l				Soil	
	surface	537-157-0	5. PH	mg/l				Soil	
	.3 m	537-157-1	1. TTLC	16 mg/kg				Soil	
	.3 m	537-157-1	2. STLC	mg/l				Soil	
3/28/2002	.6 m	537-157-2	1. TTLC	21 mg/kg	5	3/29/2002	Lead	Soil	ATL
	.6 m	537-157-2	2. STLC	mg/l				Soil	
	.6 m	537-157-2	3. STLC-DI	mg/l				Soil	
	.6 m	537-157-2	4. TCLP	mg/l				Soil	
	.6 m	537-157-2	5. PH	mg/l				Soil	
	.9 m	537-157-3	1. TTLC	mg/kg				Soil	
	.9 m	537-157-3	2. STLC	mg/l				Soil	
	.9 m	537-157-3	3. STLC-DI	mg/l				Soil	
	.9 m	537-157-3	4. TCLP	mg/l				Soil	
	.9 m	537-157-3	5. PH	mg/l				Soil	
3/28/2002	1.5 m	537-157-5	1. TTLC	mg/kg	5	3/29/2002	Lead	Soil	ATL
	1.5 m	537-157-5	2. STLC	mg/l				Soil	
	1.5 m	537-157-5	3. STLC-DI	mg/l				Soil	
	1.5 m	537-157-5	4. TCLP	mg/l				Soil	
	1.5 m	537-157-5	5. PH	mg/l				Soil	
3/28/2002	surface	537-158-0	1. TTLC	61 mg/kg	5	3/29/2002	Lead	Soil	ATL
	surface	537-158-0	2. STLC	4.6 mg/l				Soil	ATL

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3/28/2002	3 m	537-158-1	1. TTLC	20 mg/kg	5	3/29/2002	Lead	Soil	ATL
3/28/2002	.6 m	537-158-2	2. STLC	13 mg/kg	5	3/29/2002	Lead	Soil	ATL
3/28/2002	.6 m	537-158-2	3. STLC-DI	mg/l			Lead	Soil	
3/28/2002	.6 m	537-158-2	4. TCLP	mg/l			Lead	Soil	
3/28/2002	.6 m	537-158-2	5. PH	mg/l			Lead	Soil	
3/28/2002	.9 m	537-158-3	1. TTLC	8 mg/kg	5	3/29/2002	Lead	Soil	ATL
3/28/2002	.9 m	537-158-3	2. STLC	mg/l			Lead	Soil	
3/28/2002	.9 m	537-158-3	3. STLC-DI	mg/l			Lead	Soil	
3/28/2002	.9 m	537-158-3	4. TCLP	mg/l			Lead	Soil	
3/28/2002	.9 m	537-158-3	5. PH	mg/l			Lead	Soil	
3/28/2002	1.5 m	537-158-5	1. TTLC	7.7 mg/kg	5	3/29/2002	Lead	Soil	ATL
3/28/2002	1.5 m	537-158-5	2. STLC	mg/l			Lead	Soil	
3/28/2002	1.5 m	537-158-5	3. STLC-DI	mg/l			Lead	Soil	
3/28/2002	1.5 m	537-158-5	4. TCLP	mg/l			Lead	Soil	
3/28/2002	1.5 m	537-158-5	5. PH	7.88	0.1	3/29/2002	Lead	Soil	ATL
3/28/2002	surface	537-159-0	1. TTLC	78 mg/kg	5	3/29/2002	Lead	Soil	ATL
3/28/2002	surface	537-159-0	2. STLC	2.8 mg/l	0.2	4/8/2002	Lead	Soil	ATL
3/28/2002	surface	537-159-0	3. STLC-DI	mg/l			Lead	Soil	
3/28/2002	surface	537-159-0	4. TCLP	mg/l			Lead	Soil	
3/28/2002	surface	537-159-0	5. PH	mg/l			Lead	Soil	
3/28/2002	.3 m	537-159-1	1. TTLC	13 mg/kg	5	3/29/2002	Lead	Soil	ATL
3/28/2002	.3 m	537-159-1	2. STLC	mg/l			Lead	Soil	
3/28/2002	.3 m	537-159-1	3. STLC-DI	mg/l			Lead	Soil	
3/28/2002	.3 m	537-159-1	4. TCLP	mg/l			Lead	Soil	
3/28/2002	.3 m	537-159-1	5. PH	mg/l			Lead	Soil	
3/28/2002	.6 m	537-159-2	1. TTLC	30 mg/kg	5	3/29/2002	Lead	Soil	ATL
3/28/2002	.6 m	537-159-2	2. STLC	mg/l			Lead	Soil	
3/28/2002	.6 m	537-159-2	3. STLC-DI	mg/l			Lead	Soil	
3/28/2002	.6 m	537-159-2	4. TCLP	mg/l			Lead	Soil	
3/28/2002	.6 m	537-159-2	5. PH	mg/l			Lead	Soil	
3/28/2002	.9 m	537-159-3	1. TTLC	6.1 mg/kg	5	3/29/2002	Lead	Soil	ATL
3/28/2002	.9 m	537-159-3	2. STLC	mg/l			Lead	Soil	
3/28/2002	.9 m	537-159-3	3. STLC-DI	mg/l			Lead	Soil	
3/28/2002	.9 m	537-159-3	4. TCLP	mg/l			Lead	Soil	

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Date	Depth	Sample ID	Method	Result	Unit	Soil	ATL
	.9 m	537-159-3	5. PH			Soil	
	1.5 m	537-159-5	1. TTLC		mg/kg	Soil	
	1.5 m	537-159-5	2. STLC		mg/l	Soil	
	1.5 m	537-159-5	3. STLC-DI		mg/l	Soil	
	1.5 m	537-159-5	4. TCLP		mg/l	Soil	
	1.5 m	537-159-5	5. PH			Soil	
3/28/2002	surface	537-160-0	1. TTLC	290	mg/kg	Soil	ATL
3/28/2002	surface	537-160-0	2. STLC	7.9	mg/l	Soil	ATL
3/28/2002	surface	537-160-0	3. STLC-DI	ND	mg/l	Soil	ATL
	surface	537-160-0	4. TCLP		mg/l	Soil	
	surface	537-160-0	5. PH			Soil	
3/28/2002	.3 m	537-160-1	1. TTLC	25	mg/kg	Soil	ATL
	.3 m	537-160-1	2. STLC		mg/l	Soil	
	.3 m	537-160-1	3. STLC-DI		mg/l	Soil	
	.3 m	537-160-1	4. TCLP		mg/l	Soil	
	.3 m	537-160-1	5. PH			Soil	
3/28/2002	.6 m	537-160-2	1. TTLC	7.3	mg/kg	Soil	ATL
	.6 m	537-160-2	2. STLC		mg/l	Soil	
	.6 m	537-160-2	3. STLC-DI		mg/l	Soil	
	.6 m	537-160-2	4. TCLP		mg/l	Soil	
	.6 m	537-160-2	5. PH			Soil	
3/28/2002	.9 m	537-160-3	1. TTLC	5.6	mg/kg	Soil	ATL
	.9 m	537-160-3	2. STLC		mg/l	Soil	
	.9 m	537-160-3	3. STLC-DI		mg/l	Soil	
	.9 m	537-160-3	4. TCLP		mg/l	Soil	
	.9 m	537-160-3	5. PH			Soil	
3/28/2002	1.5 m	537-160-5	1. TTLC	ND	mg/kg	Soil	ATL
	1.5 m	537-160-5	2. STLC		mg/l	Soil	
	1.5 m	537-160-5	3. STLC-DI		mg/l	Soil	
	1.5 m	537-160-5	4. TCLP		mg/l	Soil	
	1.5 m	537-160-5	5. PH			Soil	
3/28/2002	surface	537-161-0	1. TTLC	62	mg/kg	Soil	ATL
3/28/2002	surface	537-161-0	2. STLC	4.3	mg/l	Soil	ATL
	surface	537-161-0	3. STLC-DI		mg/l	Soil	
	surface	537-161-0	4. TCLP		mg/l	Soil	
3/28/2002	surface	537-161-0	5. PH	6.04	mg/l	Soil	ATL
3/28/2002	.3 m	537-161-1	1. TTLC	20	mg/kg	Soil	ATL
	.3 m	537-161-1	2. STLC		mg/l	Soil	
	.3 m	537-161-1	3. STLC-DI		mg/l	Soil	
	.3 m	537-161-1	4. TCLP		mg/l	Soil	
	.3 m	537-161-1	5. PH			Soil	
	.6 m	537-161-2	1. TTLC		mg/kg	Soil	

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3/28/2002	surface	537-161-2	2. STLC	mg/l		Soil	Lead			
3/28/2002	surface	537-161-2	3. STLC-DI	mg/l		Soil	Lead			
3/28/2002	surface	537-161-2	4. TCLP	mg/l		Soil	Lead			
3/28/2002	surface	537-161-2	5. PH	mg/kg		Soil	Lead			
3/28/2002	surface	537-161-3	1. TTLC	mg/l		Soil	Lead			
3/28/2002	surface	537-161-3	2. STLC	mg/l		Soil	Lead			
3/28/2002	surface	537-161-3	3. STLC-DI	mg/l		Soil	Lead			
3/28/2002	surface	537-161-3	4. TCLP	mg/l		Soil	Lead			
3/28/2002	surface	537-161-3	5. PH	mg/kg		Soil	Lead			
3/28/2002	surface	537-161-5	1. TTLC	mg/l		Soil	Lead			
3/28/2002	surface	537-161-5	2. STLC	mg/l		Soil	Lead			
3/28/2002	surface	537-161-5	3. STLC-DI	mg/l		Soil	Lead			
3/28/2002	surface	537-161-5	4. TCLP	mg/l		Soil	Lead			
3/28/2002	surface	537-161-5	5. PH	mg/kg		Soil	Lead			
3/28/2002	surface	537-162-0	1. TTLC	140 mg/kg	5	Soil	Lead	3/29/2002	ATL	
3/28/2002	surface	537-162-0	2. STLC	8.8 mg/l	0.2	Soil	Lead	4/8/2002	ATL	
3/28/2002	surface	537-162-0	3. STLC-DI	ND		Soil	Lead			
3/28/2002	surface	537-162-0	4. TCLP			Soil	Lead			
3/28/2002	surface	537-162-0	5. PH			Soil	Lead			
3/28/2002	surface	537-162-1	1. TTLC	21 mg/kg	5	Soil	Lead	3/29/2002	ATL	
3/28/2002	surface	537-162-1	2. STLC	mg/l		Soil	Lead			
3/28/2002	surface	537-162-1	3. STLC-DI	mg/l		Soil	Lead			
3/28/2002	surface	537-162-1	4. TCLP	mg/l		Soil	Lead			
3/28/2002	surface	537-162-1	5. PH	mg/kg		Soil	Lead			
3/28/2002	surface	537-162-2	1. TTLC	mg/l		Soil	Lead			
3/28/2002	surface	537-162-2	2. STLC	mg/l		Soil	Lead			
3/28/2002	surface	537-162-2	3. STLC-DI	mg/l		Soil	Lead			
3/28/2002	surface	537-162-2	4. TCLP	mg/l		Soil	Lead			
3/28/2002	surface	537-162-2	5. PH	mg/kg		Soil	Lead			
3/28/2002	surface	537-162-3	1. TTLC	mg/l		Soil	Lead			
3/28/2002	surface	537-162-3	2. STLC	mg/l		Soil	Lead			
3/28/2002	surface	537-162-3	3. STLC-DI	mg/l		Soil	Lead			
3/28/2002	surface	537-162-3	4. TCLP	mg/l		Soil	Lead			
3/28/2002	surface	537-162-3	5. PH	mg/kg		Soil	Lead			
3/28/2002	surface	537-162-5	1. TTLC	mg/l		Soil	Lead			
3/28/2002	surface	537-162-5	2. STLC	mg/l		Soil	Lead			
3/28/2002	surface	537-162-5	3. STLC-DI	mg/l		Soil	Lead			
3/28/2002	surface	537-162-5	4. TCLP	mg/l		Soil	Lead			
3/28/2002	surface	537-162-5	5. PH	mg/kg		Soil	Lead			
3/28/2002	surface	537-163-0	1. TTLC	530 mg/kg	5	Soil	Lead	3/29/2002	ATL	
3/28/2002	surface	537-163-0	2. STLC	37 mg/l	0.2	Soil	Lead	4/8/2002	ATL	
3/28/2002	surface	537-163-0	3. STLC-DI	1.2 mg/l	0.2	Soil	Lead	4/11/2002	ATL	

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Surface	Sample ID	Depth	Method	Concentration	Units	Soil Type	ATL
3/28/2002	537-163-0	surface	4. TCLP		mg/l	Soil	
	537-163-0	surface	5. PH			Soil	
3/28/2002	537-163-1	.3 m	1. TTLC	9.1	mg/kg	Soil	ATL
	537-163-1	.3 m	2. STLC		mg/l	Soil	
	537-163-1	.3 m	3. STLC-DI		mg/l	Soil	
	537-163-1	.3 m	4. TCLP		mg/l	Soil	
	537-163-1	.3 m	5. PH		mg/l	Soil	
3/28/2002	537-163-2	.6 m	1. TTLC	5.4	mg/kg	Soil	ATL
	537-163-2	.6 m	2. STLC		mg/l	Soil	
	537-163-2	.6 m	3. STLC-DI		mg/l	Soil	
	537-163-2	.6 m	4. TCLP		mg/l	Soil	
	537-163-2	.6 m	5. PH		mg/l	Soil	
3/28/2002	537-163-3	.9 m	1. TTLC	21	mg/kg	Soil	ATL
	537-163-3	.9 m	2. STLC		mg/l	Soil	
	537-163-3	.9 m	3. STLC-DI		mg/l	Soil	
	537-163-3	.9 m	4. TCLP		mg/l	Soil	
	537-163-3	.9 m	5. PH		mg/l	Soil	
	537-163-5	1.5 m	1. TTLC		mg/kg	Soil	
	537-163-5	1.5 m	2. STLC		mg/l	Soil	
	537-163-5	1.5 m	3. STLC-DI		mg/l	Soil	
	537-163-5	1.5 m	4. TCLP		mg/l	Soil	
	537-163-5	1.5 m	5. PH		mg/l	Soil	
3/28/2002	537-164-0	surface	1. TTLC	29	mg/kg	Soil	ATL
	537-164-0	surface	2. STLC		mg/l	Soil	
	537-164-0	surface	3. STLC-DI		mg/l	Soil	
	537-164-0	surface	4. TCLP		mg/l	Soil	
	537-164-0	surface	5. PH		mg/l	Soil	
3/28/2002	537-164-1	.3 m	1. TTLC	13	mg/kg	Soil	ATL
	537-164-1	.3 m	2. STLC		mg/l	Soil	
	537-164-1	.3 m	3. STLC-DI		mg/l	Soil	
	537-164-1	.3 m	4. TCLP		mg/l	Soil	
	537-164-1	.3 m	5. PH		mg/l	Soil	
3/28/2002	537-164-2	.6 m	1. TTLC	32	mg/kg	Soil	ATL
	537-164-2	.6 m	2. STLC		mg/l	Soil	
	537-164-2	.6 m	3. STLC-DI		mg/l	Soil	
	537-164-2	.6 m	4. TCLP		mg/l	Soil	
	537-164-2	.6 m	5. PH		mg/l	Soil	
3/28/2002	537-164-3	.9 m	1. TTLC	8.35	mg/kg	Soil	ATL
	537-164-3	.9 m	2. STLC		mg/l	Soil	
	537-164-3	.9 m	3. STLC-DI		mg/l	Soil	
	537-164-3	.9 m	4. TCLP		mg/l	Soil	
	537-164-3	.9 m	5. PH		mg/l	Soil	

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Depth	Sample ID	Method	Concentration	Date	Media	Notes
1.5 m	537-164-5	1. TTLC	mg/kg		Soil	
1.5 m	537-164-5	2. STLC	mg/l		Soil	
1.5 m	537-164-5	3. STLC-DI	mg/l		Soil	
1.5 m	537-164-5	4. TCLP	mg/l		Soil	
1.5 m	537-164-5	5. PH			Soil	
3/28/2002 surface	537-165-0	1. TTLC	60 mg/kg	3/29/2002	Soil	ATL
3/28/2002 surface	537-165-0	2. STLC	3 mg/l	4/8/2002	Soil	ATL
surface	537-165-0	3. STLC-DI	mg/l		Soil	
surface	537-165-0	4. TCLP	mg/l		Soil	
surface	537-165-0	5. PH			Soil	
3/28/2002 .3 m	537-165-1	1. TTLC	690 mg/kg	3/29/2002	Soil	ATL
3/28/2002 .3 m	537-165-1	2. STLC	49 mg/l	4/8/2002	Soil	ATL
3/28/2002 .3 m	537-165-1	3. STLC-DI	1.3 mg/l	4/11/2002	Soil	ATL
.3 m	537-165-1	4. TCLP	mg/l		Soil	
.3 m	537-165-1	5. PH			Soil	
3/28/2002 .6 m	537-165-2	1. TTLC	28 mg/kg	3/29/2002	Soil	ATL
.6 m	537-165-2	2. STLC	mg/l		Soil	
.6 m	537-165-2	3. STLC-DI	mg/l		Soil	
.6 m	537-165-2	4. TCLP	mg/l		Soil	
.6 m	537-165-2	5. PH			Soil	
3/28/2002 .9 m	537-165-3	1. TTLC	26 mg/kg	3/29/2002	Soil	ATL
.9 m	537-165-3	2. STLC	mg/l		Soil	
.9 m	537-165-3	3. STLC-DI	mg/l		Soil	
.9 m	537-165-3	4. TCLP	mg/l		Soil	
.9 m	537-165-3	5. PH			Soil	
3/28/2002 1.5 m	537-165-5	1. TTLC	13 mg/kg	3/29/2002	Soil	ATL
1.5 m	537-165-5	2. STLC	mg/l		Soil	
1.5 m	537-165-5	3. STLC-DI	mg/l		Soil	
1.5 m	537-165-5	4. TCLP	mg/l		Soil	
1.5 m	537-165-5	5. PH			Soil	
3/28/2002 surface	537-166-0	1. TTLC	190 mg/kg	3/29/2002	Soil	ATL
3/28/2002 surface	537-166-0	2. STLC	6.4 mg/l	4/8/2002	Soil	ATL
3/28/2002 surface	537-166-0	3. STLC-DI	mg/l	4/11/2002	Soil	ATL
surface	537-166-0	4. TCLP	mg/l		Soil	
surface	537-166-0	5. PH			Soil	
3/28/2002 .3 m	537-166-1	1. TTLC	20 mg/kg	3/29/2002	Soil	ATL
.3 m	537-166-1	2. STLC	mg/l		Soil	
.3 m	537-166-1	3. STLC-DI	mg/l		Soil	
.3 m	537-166-1	4. TCLP	mg/l		Soil	
.3 m	537-166-1	5. PH			Soil	
3/28/2002 .6 m	537-166-2	1. TTLC	12 mg/kg	3/29/2002	Soil	ATL
.6 m	537-166-2	2. STLC	mg/l		Soil	

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Date	Depth	Sample ID	Method	Concentration	Units	Soil Type
3/28/2002	.9 m	537-166-2	3. STLC-DI		mg/kg	Soil
	.6 m	537-166-2	4. TCLP		mg/l	Soil
	.6 m	537-166-2	5. PH			Soil
3/28/2002	.9 m	537-166-3	1. TTLC	5	12 mg/kg	Soil
	.9 m	537-166-3	2. STLC		mg/l	Soil
	.9 m	537-166-3	3. STLC-DI		mg/l	Soil
	.9 m	537-166-3	4. TCLP		mg/l	Soil
3/28/2002	.9 m	537-166-3	5. PH	0.1	8.5	Soil
	1.5 m	537-166-5	1. TTLC		mg/kg	Soil
	1.5 m	537-166-5	2. STLC		mg/l	Soil
	1.5 m	537-166-5	3. STLC-DI		mg/l	Soil
	1.5 m	537-166-5	4. TCLP		mg/l	Soil
	1.5 m	537-166-5	5. PH		mg/l	Soil
3/28/2002	surface	537-167-0	1. TTLC	5	11 mg/kg	Soil
	surface	537-167-0	2. STLC		mg/l	Soil
	surface	537-167-0	3. STLC-DI		mg/l	Soil
	surface	537-167-0	4. TCLP		mg/l	Soil
	surface	537-167-0	5. PH		mg/l	Soil
3/28/2002	.3 m	537-167-1	1. TTLC	5	15 mg/kg	Soil
	.3 m	537-167-1	2. STLC		mg/l	Soil
	.3 m	537-167-1	3. STLC-DI		mg/l	Soil
	.3 m	537-167-1	4. TCLP		mg/l	Soil
	.3 m	537-167-1	5. PH		mg/l	Soil
3/28/2002	.6 m	537-167-2	1. TTLC	5	27 mg/kg	Soil
	.6 m	537-167-2	2. STLC		mg/l	Soil
	.6 m	537-167-2	3. STLC-DI		mg/l	Soil
	.6 m	537-167-2	4. TCLP		mg/l	Soil
	.6 m	537-167-2	5. PH		mg/l	Soil
3/28/2002	.9 m	537-167-3	1. TTLC	5	390 mg/kg	Soil
3/28/2002	.9 m	537-167-3	2. STLC	0.2	8.3 mg/l	Soil
3/28/2002	.9 m	537-167-3	3. STLC-DI		mg/l	Soil
	.9 m	537-167-3	4. TCLP		mg/l	Soil
	.9 m	537-167-3	5. PH		mg/l	Soil
3/28/2002	1.5 m	537-167-5	1. TTLC	5	240 mg/kg	Soil
3/28/2002	1.5 m	537-167-5	2. STLC	0.2	mg/l	Soil
	1.5 m	537-167-5	3. STLC-DI		mg/l	Soil
	1.5 m	537-167-5	4. TCLP		mg/l	Soil
	1.5 m	537-167-5	5. PH		mg/l	Soil
3/28/2002	surface	537-168-0	1. TTLC	5	mg/kg	Soil
	surface	537-168-0	2. STLC		mg/l	Soil
	surface	537-168-0	3. STLC-DI		mg/l	Soil
	surface	537-168-0	4. TCLP		mg/l	Soil

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Surface	Sample ID	Depth	Method	Concentration	Date	Soil Type	Notes
3/28/2002 surface	537-168-0	.3 m	5. PH	7.3 mg/kg	5	Soil	ATL
3/28/2002 .3 m	537-168-1	.3 m	1. TTLC	mg/l		Soil	
3/28/2002 .3 m	537-168-1	.3 m	2. STLC	mg/l		Soil	
3/28/2002 .3 m	537-168-1	.3 m	3. STLC-DI	mg/l		Soil	
3/28/2002 .3 m	537-168-1	.3 m	4. TCLP	mg/l		Soil	
3/28/2002 .3 m	537-168-1	.3 m	5. PH	mg/l		Soil	
3/28/2002 .6 m	537-168-2	.6 m	1. TTLC	mg/kg	5	Soil	ATL
3/28/2002 .6 m	537-168-2	.6 m	2. STLC	mg/l		Soil	
3/28/2002 .6 m	537-168-2	.6 m	3. STLC-DI	mg/l		Soil	
3/28/2002 .6 m	537-168-2	.6 m	4. TCLP	mg/l		Soil	
3/28/2002 .6 m	537-168-2	.6 m	5. PH	mg/l		Soil	
3/28/2002 .9 m	537-168-3	.9 m	1. TTLC	5.5 mg/kg	5	Soil	ATL
3/28/2002 .9 m	537-168-3	.9 m	2. STLC	mg/l		Soil	
3/28/2002 .9 m	537-168-3	.9 m	3. STLC-DI	mg/l		Soil	
3/28/2002 .9 m	537-168-3	.9 m	4. TCLP	mg/l		Soil	
3/28/2002 .9 m	537-168-3	.9 m	5. PH	mg/l		Soil	
3/28/2002 1.5 m	537-168-5	1.5 m	1. TTLC	6.8 mg/kg	5	Soil	ATL
3/28/2002 1.5 m	537-168-5	1.5 m	2. STLC	mg/l		Soil	
3/28/2002 1.5 m	537-168-5	1.5 m	3. STLC-DI	mg/l		Soil	
3/28/2002 1.5 m	537-168-5	1.5 m	4. TCLP	mg/l		Soil	
3/28/2002 1.5 m	537-168-5	1.5 m	5. PH	mg/l		Soil	
3/28/2002 surface	537-169-0	surface	1. TTLC	320 mg/kg	5	Soil	ATL
3/28/2002 surface	537-169-0	surface	2. STLC	32 mg/l	0.2	Soil	ATL
3/28/2002 surface	537-169-0	surface	3. STLC-DI	0.46 mg/l	0.2	Soil	ATL
3/28/2002 surface	537-169-0	surface	4. TCLP	mg/l		Soil	
3/28/2002 surface	537-169-0	surface	5. PH	mg/l		Soil	
3/28/2002 .3 m	537-169-1	.3 m	1. TTLC	140 mg/kg	5	Soil	ATL
3/28/2002 .3 m	537-169-1	.3 m	2. STLC	4.8 mg/l	0.2	Soil	ATL
3/28/2002 .3 m	537-169-1	.3 m	3. STLC-DI	mg/l		Soil	
3/28/2002 .3 m	537-169-1	.3 m	4. TCLP	mg/l		Soil	
3/28/2002 .3 m	537-169-1	.3 m	5. PH	mg/l		Soil	
3/28/2002 .6 m	537-169-2	.6 m	1. TTLC	17 mg/kg	5	Soil	ATL
3/28/2002 .6 m	537-169-2	.6 m	2. STLC	mg/l		Soil	
3/28/2002 .6 m	537-169-2	.6 m	3. STLC-DI	mg/l		Soil	
3/28/2002 .6 m	537-169-2	.6 m	4. TCLP	mg/l		Soil	
3/28/2002 .6 m	537-169-2	.6 m	5. PH	mg/l		Soil	
3/28/2002 .9 m	537-169-3	.9 m	1. TTLC	8.8 mg/kg	5	Soil	ATL
3/28/2002 .9 m	537-169-3	.9 m	2. STLC	mg/l		Soil	
3/28/2002 .9 m	537-169-3	.9 m	3. STLC-DI	mg/l		Soil	
3/28/2002 .9 m	537-169-3	.9 m	4. TCLP	mg/l		Soil	
3/28/2002 .9 m	537-169-3	.9 m	5. PH	mg/l		Soil	
3/28/2002 1.5 m	537-169-5	1.5 m	1. TTLC	mg/kg		Soil	

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1.5 m	537-169-5	2. STLC	mg/l			Soil	
1.5 m	537-169-5	3. STLC-DI	mg/l			Soil	
1.5 m	537-169-5	4. TCLP	mg/l			Soil	
1.5 m	537-169-5	5. PH				Soil	
3/28/2002 surface	537-170-0	1. TTLC	71 mg/kg	5	3/29/2002	Soil	ATL
3/28/2002 surface	537-170-0	2. STLC	4.7 mg/l	0.2	4/8/2002	Soil	ATL
surface	537-170-0	3. STLC-DI	mg/l			Soil	
surface	537-170-0	4. TCLP	mg/l			Soil	
surface	537-170-0	5. PH				Soil	
3/28/2002 .3 m	537-170-1	1. TTLC	5.6 mg/kg	5	3/29/2002	Soil	ATL
.3 m	537-170-1	2. STLC	mg/l			Soil	
.3 m	537-170-1	3. STLC-DI	mg/l			Soil	
.3 m	537-170-1	4. TCLP	mg/l			Soil	
.3 m	537-170-1	5. PH				Soil	
3/28/2002 .6 m	537-170-2	1. TTLC	ND	5	3/29/2002	Soil	ATL
.6 m	537-170-2	2. STLC	mg/l			Soil	
.6 m	537-170-2	3. STLC-DI	mg/l			Soil	
.6 m	537-170-2	4. TCLP	mg/l			Soil	
.6 m	537-170-2	5. PH				Soil	
3/28/2002 .9 m	537-170-3	1. TTLC	5.2 mg/kg	5	3/29/2002	Soil	ATL
.9 m	537-170-3	2. STLC	mg/l			Soil	
.9 m	537-170-3	3. STLC-DI	mg/l			Soil	
.9 m	537-170-3	4. TCLP	mg/l			Soil	
.9 m	537-170-3	5. PH				Soil	
1.5 m	537-170-5	1. TTLC	mg/kg			Soil	
1.5 m	537-170-5	2. STLC	mg/l			Soil	
1.5 m	537-170-5	3. STLC-DI	mg/l			Soil	
1.5 m	537-170-5	4. TCLP	mg/l			Soil	
1.5 m	537-170-5	5. PH				Soil	
3/28/2002 surface	537-171-0	1. TTLC	95 mg/kg	5	3/29/2002	Soil	ATL
3/28/2002 surface	537-171-0	2. STLC	8.2 mg/l	0.2	4/8/2002	Soil	ATL
3/28/2002 surface	537-171-0	3. STLC-DI	mg/l	0.2	4/11/2002	Soil	ATL
surface	537-171-0	4. TCLP	mg/l			Soil	
surface	537-171-0	5. PH				Soil	
3/28/2002 .3 m	537-171-1	1. TTLC	15 mg/kg	5	3/29/2002	Soil	ATL
.3 m	537-171-1	2. STLC	mg/l			Soil	
.3 m	537-171-1	3. STLC-DI	mg/l			Soil	
.3 m	537-171-1	4. TCLP	mg/l			Soil	
3/28/2002 .3 m	537-171-1	5. PH	6.53	0.1	3/29/2002	Soil	ATL
3/28/2002 .6 m	537-171-2	1. TTLC	13 mg/kg	5	3/29/2002	Soil	ATL
.6 m	537-171-2	2. STLC	mg/l			Soil	
.6 m	537-171-2	3. STLC-DI	mg/l			Soil	

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Date	Depth	Sample ID	Method	Result	Unit	Depth	Method	Result	Unit	Soil	ATL
3/28/2002	.6 m	537-171-2	4. TCLP		mg/l					Soil	
	.6 m	537-171-2	5. PH							Soil	
3/28/2002	.9 m	537-171-3	1. TTLC	13 mg/kg	mg/kg	5	3/29/2002	Lead		Soil	ATL
	.9 m	537-171-3	2. STLC		mg/l			Lead		Soil	
	.9 m	537-171-3	3. STLC-DI		mg/l			Lead		Soil	
	.9 m	537-171-3	4. TCLP		mg/l			Lead		Soil	
	.9 m	537-171-3	5. PH							Soil	
3/28/2002	1.5 m	537-171-5	1. TTLC	24 mg/kg	mg/kg	5	3/29/2002	Lead		Soil	ATL
	1.5 m	537-171-5	2. STLC		mg/l			Lead		Soil	
	1.5 m	537-171-5	3. STLC-DI		mg/l			Lead		Soil	
	1.5 m	537-171-5	4. TCLP		mg/l			Lead		Soil	
	1.5 m	537-171-5	5. PH							Soil	
3/28/2002	surface	537-172-0	1. TTLC	120 mg/kg	mg/kg	5	3/29/2002	Lead		Soil	ATL
3/28/2002	surface	537-172-0	2. STLC	8.9 mg/l	mg/l	0.2	4/8/2002	Lead		Soil	ATL
3/28/2002	surface	537-172-0	3. STLC-DI	ND	mg/l	0.2	4/11/2002	Lead		Soil	ATL
	surface	537-172-0	4. TCLP		mg/l			Lead		Soil	
	surface	537-172-0	5. PH							Soil	
3/28/2002	.3 m	537-172-1	1. TTLC	34 mg/kg	mg/kg	5	3/29/2002	Lead		Soil	ATL
	.3 m	537-172-1	2. STLC		mg/l			Lead		Soil	
	.3 m	537-172-1	3. STLC-DI		mg/l			Lead		Soil	
	.3 m	537-172-1	4. TCLP		mg/l			Lead		Soil	
	.3 m	537-172-1	5. PH							Soil	
	.6 m	537-172-2	1. TTLC		mg/kg			Lead		Soil	
	.6 m	537-172-2	2. STLC		mg/l			Lead		Soil	
	.6 m	537-172-2	3. STLC-DI		mg/l			Lead		Soil	
	.6 m	537-172-2	4. TCLP		mg/l			Lead		Soil	
	.6 m	537-172-2	5. PH							Soil	
	.9 m	537-172-3	1. TTLC		mg/kg			Lead		Soil	
	.9 m	537-172-3	2. STLC		mg/l			Lead		Soil	
	.9 m	537-172-3	3. STLC-DI		mg/l			Lead		Soil	
	.9 m	537-172-3	4. TCLP		mg/l			Lead		Soil	
	.9 m	537-172-3	5. PH							Soil	
	1.5 m	537-172-5	1. TTLC		mg/kg			Lead		Soil	
	1.5 m	537-172-5	2. STLC		mg/l			Lead		Soil	
	1.5 m	537-172-5	3. STLC-DI		mg/l			Lead		Soil	
	1.5 m	537-172-5	4. TCLP		mg/l			Lead		Soil	
	1.5 m	537-172-5	5. PH							Soil	
3/28/2002	surface	537-173-0	1. TTLC	90 mg/kg	mg/kg	5	3/29/2002	Lead		Soil	ATL
3/28/2002	surface	537-173-0	2. STLC	5 mg/l	mg/l	0.2	4/8/2002	Lead		Soil	ATL
	surface	537-173-0	3. STLC-DI		mg/l			Lead		Soil	
	surface	537-173-0	4. TCLP		mg/l			Lead		Soil	
	surface	537-173-0	5. PH							Soil	

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Date	Depth	Sample ID	Method	Concentration	Depth	Date	Method	Soil	ATL
3/28/2002	.3 m	537-173-1	1. TTLC	25 mg/kg	5	3/29/2002	Lead	Soil	ATL
	.3 m	537-173-1	2. STLC	mg/l			Lead	Soil	
	.3 m	537-173-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	537-173-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	537-173-1	5. PH					Soil	
	.6 m	537-173-2	1. TTLC	mg/kg			Lead	Soil	
	.6 m	537-173-2	2. STLC	mg/l			Lead	Soil	
	.6 m	537-173-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	537-173-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	537-173-2	5. PH					Soil	
	.9 m	537-173-3	1. TTLC	mg/kg			Lead	Soil	
	.9 m	537-173-3	2. STLC	mg/l			Lead	Soil	
	.9 m	537-173-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	537-173-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	537-173-3	5. PH					Soil	
	1.5 m	537-173-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	537-173-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	537-173-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	537-173-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	537-173-5	5. PH					Soil	
3/28/2002	surface	537-174-0	1. TTLC	32 mg/kg	5	3/29/2002	Lead	Soil	ATL
	surface	537-174-0	2. STLC	mg/l			Lead	Soil	
	surface	537-174-0	3. STLC-DI	mg/l			Lead	Soil	
	surface	537-174-0	4. TCLP	mg/l			Lead	Soil	
	surface	537-174-0	5. PH					Soil	
3/28/2002	.3 m	537-174-1	1. TTLC	7 mg/kg	5	3/29/2002	Lead	Soil	ATL
	.3 m	537-174-1	2. STLC	mg/l			Lead	Soil	
	.3 m	537-174-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	537-174-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	537-174-1	5. PH					Soil	
3/28/2002	.6 m	537-174-2	1. TTLC	ND	5	3/29/2002	Lead	Soil	ATL
	.6 m	537-174-2	2. STLC	mg/l			Lead	Soil	
	.6 m	537-174-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	537-174-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	537-174-2	5. PH	8.49	0.1	3/29/2002	Lead	Soil	ATL
3/28/2002	.6 m	537-174-3	1. TTLC	15 mg/kg	5	3/29/2002	Lead	Soil	ATL
	.9 m	537-174-3	2. STLC	mg/l			Lead	Soil	
	.9 m	537-174-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	537-174-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	537-174-3	5. PH					Soil	
	1.5 m	537-174-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	537-174-5	2. STLC	mg/l			Lead	Soil	

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Date	Depth	Sample ID	Method	Concentration	Unit	Soil Type	Lead Date	ATL
3/28/2002	1.5 m	537-174-5	3. STLC-DI		mg/l	Soil		
3/28/2002	1.5 m	537-174-5	4. TCLP		mg/l	Soil		
3/28/2002	1.5 m	537-174-5	5. PH			Soil		
3/28/2002	surface	537-175-0	1. TTLC	140	mg/kg	Soil	3/29/2002	ATL
3/28/2002	surface	537-175-0	2. STLC	12	mg/l	Soil	4/8/2002	ATL
3/28/2002	surface	537-175-0	3. STLC-DI	ND	mg/l	Soil	4/11/2002	ATL
3/28/2002	surface	537-175-0	4. TCLP		mg/l	Soil		
3/28/2002	surface	537-175-0	5. PH			Soil		
3/28/2002	.3 m	537-175-1	1. TTLC	29	mg/kg	Soil	3/29/2002	ATL
3/28/2002	.3 m	537-175-1	2. STLC		mg/l	Soil		
3/28/2002	.3 m	537-175-1	3. STLC-DI		mg/l	Soil		
3/28/2002	.3 m	537-175-1	4. TCLP		mg/l	Soil		
3/28/2002	.3 m	537-175-1	5. PH			Soil		
3/28/2002	.6 m	537-175-2	1. TTLC	10	mg/kg	Soil	3/29/2002	ATL
3/28/2002	.6 m	537-175-2	2. STLC		mg/l	Soil		
3/28/2002	.6 m	537-175-2	3. STLC-DI		mg/l	Soil		
3/28/2002	.6 m	537-175-2	4. TCLP		mg/l	Soil		
3/28/2002	.6 m	537-175-2	5. PH			Soil		
3/28/2002	.9 m	537-175-3	1. TTLC	29	mg/kg	Soil	3/29/2002	ATL
3/28/2002	.9 m	537-175-3	2. STLC		mg/l	Soil		
3/28/2002	.9 m	537-175-3	3. STLC-DI		mg/l	Soil		
3/28/2002	.9 m	537-175-3	4. TCLP		mg/l	Soil		
3/28/2002	.9 m	537-175-3	5. PH			Soil		
3/28/2002	1.5 m	537-175-5	1. TTLC		mg/kg	Soil		
3/28/2002	1.5 m	537-175-5	2. STLC		mg/l	Soil		
3/28/2002	1.5 m	537-175-5	3. STLC-DI		mg/l	Soil		
3/28/2002	1.5 m	537-175-5	4. TCLP		mg/l	Soil		
3/28/2002	1.5 m	537-175-5	5. PH			Soil		
3/28/2002	surface	537-176-0	1. TTLC	110	mg/kg	Soil	3/29/2002	ATL
3/28/2002	surface	537-176-0	2. STLC	8.7	mg/l	Soil	4/8/2002	ATL
3/28/2002	surface	537-176-0	3. STLC-DI	ND	mg/l	Soil	4/11/2002	ATL
3/28/2002	surface	537-176-0	4. TCLP		mg/l	Soil		
3/28/2002	surface	537-176-0	5. PH			Soil		
3/28/2002	.3 m	537-176-1	1. TTLC	8.6	mg/kg	Soil	3/29/2002	ATL
3/28/2002	.3 m	537-176-1	2. STLC		mg/l	Soil		
3/28/2002	.3 m	537-176-1	3. STLC-DI		mg/l	Soil		
3/28/2002	.3 m	537-176-1	4. TCLP		mg/l	Soil		
3/28/2002	.3 m	537-176-1	5. PH			Soil		
3/28/2002	.6 m	537-176-2	1. TTLC		mg/kg	Soil	3/29/2002	ATL
3/28/2002	.6 m	537-176-2	2. STLC		mg/l	Soil		
3/28/2002	.6 m	537-176-2	3. STLC-DI	ND	mg/l	Soil		
3/28/2002	.6 m	537-176-2	4. TCLP		mg/l	Soil		

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Date	Depth	Sample ID	Method	Result	Unit	Depth	Date	Sample ID	Method	Result	Unit	Soil	ATL
3/28/2002	0.9 m	537-176-2	5. PH		mg/kg	5	3/29/2002	Lead				Soil	ATL
		537-176-3	1. TTLC	ND				Lead				Soil	
		537-176-3	2. STLC		mg/l			Lead				Soil	
		537-176-3	3. STLC-DI		mg/l			Lead				Soil	
		537-176-3	4. TCLP		mg/l			Lead				Soil	
		537-176-3	5. PH		mg/kg			Lead				Soil	
	1.5 m	537-176-5	1. TTLC		mg/kg			Lead				Soil	
	1.5 m	537-176-5	2. STLC		mg/l			Lead				Soil	
	1.5 m	537-176-5	3. STLC-DI		mg/l			Lead				Soil	
	1.5 m	537-176-5	4. TCLP		mg/l			Lead				Soil	
	1.5 m	537-176-5	5. PH		mg/kg			Lead				Soil	
3/28/2002	surface	537-177-0	1. TTLC		93 mg/kg	5	3/29/2002	Lead				Soil	ATL
		537-177-0	2. STLC		5.4 mg/l	0.2	4/8/2002	Lead				Soil	ATL
		537-177-0	3. STLC-DI	ND	mg/l	0.2	4/11/2002	Lead				Soil	ATL
		537-177-0	4. TCLP		mg/l			Lead				Soil	
		537-177-0	5. PH		7.04	0.1	3/29/2002	Lead				Soil	ATL
3/28/2002	0.3 m	537-177-1	1. TTLC		7.7 mg/kg	5	3/29/2002	Lead				Soil	ATL
		537-177-1	2. STLC		mg/l			Lead				Soil	
		537-177-1	3. STLC-DI		mg/l			Lead				Soil	
		537-177-1	4. TCLP		mg/l			Lead				Soil	
		537-177-1	5. PH		mg/kg			Lead				Soil	
3/28/2002	0.6 m	537-177-2	1. TTLC	ND		5	3/29/2002	Lead				Soil	ATL
		537-177-2	2. STLC		mg/l			Lead				Soil	
		537-177-2	3. STLC-DI		mg/l			Lead				Soil	
		537-177-2	4. TCLP		mg/l			Lead				Soil	
		537-177-2	5. PH		mg/kg			Lead				Soil	
3/28/2002	0.9 m	537-177-3	1. TTLC	ND		5	3/29/2002	Lead				Soil	ATL
		537-177-3	2. STLC		mg/l			Lead				Soil	
		537-177-3	3. STLC-DI		mg/l			Lead				Soil	
		537-177-3	4. TCLP		mg/l			Lead				Soil	
		537-177-3	5. PH		mg/kg			Lead				Soil	
3/28/2002	1.5 m	537-177-5	1. TTLC	ND		5	3/29/2002	Lead				Soil	ATL
		537-177-5	2. STLC		mg/l			Lead				Soil	
		537-177-5	3. STLC-DI		mg/l			Lead				Soil	
		537-177-5	4. TCLP		mg/l			Lead				Soil	
		537-177-5	5. PH		mg/kg			Lead				Soil	
3/28/2002	surface	537-178-0	1. TTLC		45 mg/kg	5	3/29/2002	Lead				Soil	ATL
		537-178-0	2. STLC		mg/l			Lead				Soil	
		537-178-0	3. STLC-DI		mg/l			Lead				Soil	
		537-178-0	4. TCLP		mg/l			Lead				Soil	
		537-178-0	5. PH		mg/kg			Lead				Soil	
3/28/2002	0.3 m	537-178-1	1. TTLC		160 mg/kg	5	3/29/2002	Lead				Soil	ATL

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3/28/2002	.3 m	537-178-1	2. STLC		8.2 mg/l	0.2	4/8/2002	Lead	Soil	ATL
3/28/2002	.3 m	537-178-1	3. STLC-DI	ND	mg/l	0.2	4/11/2002	Lead	Soil	ATL
	.3 m	537-178-1	4. TCLP		mg/l			Lead	Soil	
	.3 m	537-178-1	5. PH						Soil	
3/28/2002	.6 m	537-178-2	1. TTLC	ND	mg/kg	5	3/29/2002	Lead	Soil	ATL
	.6 m	537-178-2	2. STLC		mg/l			Lead	Soil	
	.6 m	537-178-2	3. STLC-DI		mg/l			Lead	Soil	
	.6 m	537-178-2	4. TCLP		mg/l			Lead	Soil	
	.6 m	537-178-2	5. PH						Soil	
3/28/2002	.9 m	537-178-3	1. TTLC	ND	mg/kg	5	3/29/2002	Lead	Soil	ATL
	.9 m	537-178-3	2. STLC		mg/l			Lead	Soil	
	.9 m	537-178-3	3. STLC-DI		mg/l			Lead	Soil	
	.9 m	537-178-3	4. TCLP		mg/l			Lead	Soil	
	.9 m	537-178-3	5. PH						Soil	
	1.5 m	537-178-5	1. TTLC		mg/kg			Lead	Soil	
	1.5 m	537-178-5	2. STLC		mg/l			Lead	Soil	
	1.5 m	537-178-5	3. STLC-DI		mg/l			Lead	Soil	
	1.5 m	537-178-5	4. TCLP		mg/l			Lead	Soil	
	1.5 m	537-178-5	5. PH						Soil	
3/28/2002	surface	537-179-0	1. TTLC		82 mg/kg	5	3/29/2002	Lead	Soil	ATL
3/28/2002	surface	537-179-0	2. STLC		5.3 mg/l	0.2	4/8/2002	Lead	Soil	ATL
3/28/2002	surface	537-179-0	3. STLC-DI	ND	mg/l			Lead	Soil	
	surface	537-179-0	4. TCLP		mg/l			Lead	Soil	
	surface	537-179-0	5. PH						Soil	
3/28/2002	.3 m	537-179-1	1. TTLC		7.7 mg/kg	5	3/29/2002	Lead	Soil	ATL
	.3 m	537-179-1	2. STLC		mg/l			Lead	Soil	
	.3 m	537-179-1	3. STLC-DI		mg/l			Lead	Soil	
	.3 m	537-179-1	4. TCLP		mg/l			Lead	Soil	
	.3 m	537-179-1	5. PH		7.39	0.1	3/29/2002		Soil	ATL
3/28/2002	.3 m	537-179-2	1. TTLC		8.4 mg/kg	5	3/29/2002	Lead	Soil	ATL
3/28/2002	.6 m	537-179-2	2. STLC		mg/l			Lead	Soil	
	.6 m	537-179-2	3. STLC-DI		mg/l			Lead	Soil	
	.6 m	537-179-2	4. TCLP		mg/l			Lead	Soil	
	.6 m	537-179-2	5. PH						Soil	
	.9 m	537-179-3	1. TTLC		mg/kg			Lead	Soil	
	.9 m	537-179-3	2. STLC		mg/l			Lead	Soil	
	.9 m	537-179-3	3. STLC-DI		mg/l			Lead	Soil	
	.9 m	537-179-3	4. TCLP		mg/l			Lead	Soil	
	.9 m	537-179-3	5. PH						Soil	
	1.5 m	537-179-5	1. TTLC		mg/kg			Lead	Soil	
	1.5 m	537-179-5	2. STLC		mg/l			Lead	Soil	
	1.5 m	537-179-5	3. STLC-DI		mg/l			Lead	Soil	

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Depth	Sample ID	Method	Result	Unit	Concentration	Date	Media	Notes
1.5 m	537-179-5	4. TCLP		mg/l			Soil	
1.5 m	537-179-5	5. PH					Soil	
3/28/2002 surface	537-180-0	1. TTLC	92	mg/kg	5	3/29/2002	Soil	ATL
3/28/2002 surface	537-180-0	2. STLC	6.4	mg/l	0.2	4/8/2002	Soil	ATL
3/28/2002 surface	537-180-0	3. STLC-DI	ND	mg/l	0.2	4/11/2002	Soil	ATL
surface	537-180-0	4. TCLP		mg/l			Soil	
surface	537-180-0	5. PH					Soil	
3/28/2002 .3 m	537-180-1	1. TTLC	43	mg/kg	5	3/29/2002	Soil	ATL
.3 m	537-180-1	2. STLC		mg/l			Soil	
.3 m	537-180-1	3. STLC-DI		mg/l			Soil	
.3 m	537-180-1	4. TCLP		mg/l			Soil	
.3 m	537-180-1	5. PH					Soil	
3/28/2002 .6 m	537-180-2	1. TTLC	ND	mg/kg	5	3/29/2002	Soil	ATL
.6 m	537-180-2	2. STLC		mg/l			Soil	
.6 m	537-180-2	3. STLC-DI		mg/l			Soil	
.6 m	537-180-2	4. TCLP		mg/l			Soil	
.6 m	537-180-2	5. PH					Soil	
3/28/2002 .9 m	537-180-3	1. TTLC	25	mg/kg	5	3/29/2002	Soil	ATL
.9 m	537-180-3	2. STLC		mg/l			Soil	
.9 m	537-180-3	3. STLC-DI		mg/l			Soil	
.9 m	537-180-3	4. TCLP		mg/l			Soil	
.9 m	537-180-3	5. PH					Soil	
3/28/2002 1.5 m	537-180-5	1. TTLC	7.2	mg/kg	5	3/29/2002	Soil	ATL
1.5 m	537-180-5	2. STLC		mg/l			Soil	
1.5 m	537-180-5	3. STLC-DI		mg/l			Soil	
1.5 m	537-180-5	4. TCLP		mg/l			Soil	
1.5 m	537-180-5	5. PH					Soil	
3/28/2002 surface	537-181-0	1. TTLC	58	mg/kg	5	3/29/2002	Soil	ATL
3/28/2002 surface	537-181-0	2. STLC	3.6	mg/l	0.2	4/8/2002	Soil	ATL
surface	537-181-0	3. STLC-DI		mg/l			Soil	
surface	537-181-0	4. TCLP		mg/l			Soil	
surface	537-181-0	5. PH					Soil	
3/28/2002 .3 m	537-181-1	1. TTLC	23	mg/kg	5	3/29/2002	Soil	ATL
.3 m	537-181-1	2. STLC		mg/l			Soil	
.3 m	537-181-1	3. STLC-DI		mg/l			Soil	
.3 m	537-181-1	4. TCLP		mg/l			Soil	
.3 m	537-181-1	5. PH					Soil	
3/28/2002 .6 m	537-181-2	1. TTLC	28	mg/kg	5	3/29/2002	Soil	ATL
.6 m	537-181-2	2. STLC		mg/l			Soil	
.6 m	537-181-2	3. STLC-DI		mg/l			Soil	
.6 m	537-181-2	4. TCLP		mg/l			Soil	
.6 m	537-181-2	5. PH					Soil	

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Date	Depth	Sample ID	Method	Concentration	Units	Soil Type	ATL
3/28/2002	.9 m	537-181-3	1. TTLC	5.3	mg/kg	Soil	ATL
		537-181-3	2. STLC		mg/l	Soil	
		537-181-3	3. STLC-DI		mg/l	Soil	
		537-181-3	4. TCLP		mg/l	Soil	
		537-181-3	5. PH	7.48		Soil	
3/28/2002	.9 m	537-181-5	1. TTLC	11	mg/kg	Soil	ATL
		537-181-5	2. STLC		mg/l	Soil	ATL
		537-181-5	3. STLC-DI		mg/l	Soil	
		537-181-5	4. TCLP		mg/l	Soil	
		537-181-5	5. PH			Soil	
3/28/2002	surface	537-182-0	1. TTLC	59	mg/kg	Soil	ATL
		537-182-0	2. STLC	4.8	mg/l	Soil	ATL
		537-182-0	3. STLC-DI		mg/l	Soil	
		537-182-0	4. TCLP		mg/l	Soil	
		537-182-0	5. PH			Soil	
3/28/2002	.3 m	537-182-1	1. TTLC	49	mg/kg	Soil	ATL
		537-182-1	2. STLC		mg/l	Soil	
		537-182-1	3. STLC-DI		mg/l	Soil	
		537-182-1	4. TCLP		mg/l	Soil	
		537-182-1	5. PH			Soil	
3/28/2002	.6 m	537-182-2	1. TTLC		mg/kg	Soil	
		537-182-2	2. STLC		mg/l	Soil	
		537-182-2	3. STLC-DI		mg/l	Soil	
		537-182-2	4. TCLP		mg/l	Soil	
		537-182-2	5. PH			Soil	
3/28/2002	.9 m	537-182-3	1. TTLC		mg/kg	Soil	
		537-182-3	2. STLC		mg/l	Soil	
		537-182-3	3. STLC-DI		mg/l	Soil	
		537-182-3	4. TCLP		mg/l	Soil	
		537-182-3	5. PH			Soil	
3/29/2002	1.5 m	537-182-5	1. TTLC		mg/kg	Soil	
		537-182-5	2. STLC		mg/l	Soil	
		537-182-5	3. STLC-DI		mg/l	Soil	
		537-182-5	4. TCLP		mg/l	Soil	
		537-182-5	5. PH			Soil	
3/29/2002	surface	537-183-0	1. TTLC	46	mg/kg	Soil	ATL
		537-183-0	2. STLC		mg/l	Soil	
		537-183-0	3. STLC-DI		mg/l	Soil	
		537-183-0	4. TCLP		mg/l	Soil	
		537-183-0	5. PH	7.57		Soil	
3/29/2002	.3 m	537-183-1	1. TTLC	48	mg/kg	Soil	ATL
		537-183-1	2. STLC		mg/l	Soil	ATL

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Depth	Date	Sample ID	Method	Concentration	Unit	Soil Type	Notes
.3 m		537-183-1	3. STLC-DI		mg/l	Soil	
.3 m		537-183-1	4. TCLP		mg/l	Soil	
.3 m		537-183-1	5. PH		mg/kg	Soil	
3/29/2002		537-183-2	1. TTLC	ND		Soil	
.6 m		537-183-2	2. STLC		mg/l	Soil	
.6 m		537-183-2	3. STLC-DI		mg/l	Soil	
.6 m		537-183-2	4. TCLP		mg/l	Soil	
.6 m		537-183-2	5. PH		mg/l	Soil	
3/29/2002		537-183-3	1. TTLC	5	5.5 mg/kg	Soil	ATL
.9 m		537-183-3	2. STLC		mg/l	Soil	
.9 m		537-183-3	3. STLC-DI		mg/l	Soil	
.9 m		537-183-3	4. TCLP		mg/l	Soil	
.9 m		537-183-3	5. PH		mg/l	Soil	
3/29/2002		537-183-5	1. TTLC	ND		Soil	
1.5 m		537-183-5	2. STLC		mg/l	Soil	
1.5 m		537-183-5	3. STLC-DI		mg/l	Soil	
1.5 m		537-183-5	4. TCLP		mg/l	Soil	
1.5 m		537-183-5	5. PH		mg/l	Soil	
3/29/2002		537-184-0	1. TTLC	110	mg/kg	Soil	ATL
surface		537-184-0	2. STLC	8.7	mg/l	Soil	ATL
3/29/2002		537-184-0	3. STLC-DI	ND		Soil	
surface		537-184-0	4. TCLP		mg/l	Soil	
surface		537-184-0	5. PH		mg/l	Soil	
3/29/2002		537-184-1	1. TTLC	17	mg/kg	Soil	ATL
.3 m		537-184-1	2. STLC		mg/l	Soil	
.3 m		537-184-1	3. STLC-DI		mg/l	Soil	
.3 m		537-184-1	4. TCLP		mg/l	Soil	
.3 m		537-184-1	5. PH		mg/l	Soil	
.6 m		537-184-2	1. TTLC		mg/kg	Soil	
.6 m		537-184-2	2. STLC		mg/l	Soil	
.6 m		537-184-2	3. STLC-DI		mg/l	Soil	
.6 m		537-184-2	4. TCLP		mg/l	Soil	
.6 m		537-184-2	5. PH		mg/l	Soil	
.6 m		537-184-2	1. TTLC		mg/kg	Soil	
.9 m		537-184-3	2. STLC		mg/l	Soil	
.9 m		537-184-3	3. STLC-DI		mg/l	Soil	
.9 m		537-184-3	4. TCLP		mg/l	Soil	
.9 m		537-184-3	5. PH		mg/l	Soil	
1.5 m		537-184-5	1. TTLC		mg/kg	Soil	
1.5 m		537-184-5	2. STLC		mg/l	Soil	
1.5 m		537-184-5	3. STLC-DI		mg/l	Soil	
1.5 m		537-184-5	4. TCLP		mg/l	Soil	



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3/29/2002	.9 m	537-186-3	1. TTLC	ND	mg/kg	5	4/1/2002	Lead	Soil	ATL
	.9 m	537-186-3	2. STLC		mg/l			Lead	Soil	
	.9 m	537-186-3	3. STLC-DI		mg/l			Lead	Soil	
	.9 m	537-186-3	4. TCLP		mg/l			Lead	Soil	
	.9 m	537-186-3	5. PH						Soil	
3/29/2002	1.5 m	537-186-5	1. TTLC		6.8 mg/kg	5	4/1/2002	Lead	Soil	ATL
	1.5 m	537-186-5	2. STLC		mg/l			Lead	Soil	
	1.5 m	537-186-5	3. STLC-DI		mg/l			Lead	Soil	
	1.5 m	537-186-5	4. TCLP		mg/l			Lead	Soil	
	1.5 m	537-186-5	5. PH						Soil	
3/29/2002	surface	537-187-0	1. TTLC		60 mg/kg	5	4/1/2002	Lead	Soil	ATL
	surface	537-187-0	2. STLC		2.9 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	surface	537-187-0	3. STLC-DI		mg/l			Lead	Soil	
	surface	537-187-0	4. TCLP		mg/l			Lead	Soil	
	surface	537-187-0	5. PH						Soil	
3/29/2002	.3 m	537-187-1	1. TTLC		7.8 mg/kg	5	4/1/2002	Lead	Soil	ATL
	.3 m	537-187-1	2. STLC		mg/l			Lead	Soil	
	.3 m	537-187-1	3. STLC-DI		mg/l			Lead	Soil	
	.3 m	537-187-1	4. TCLP		mg/l			Lead	Soil	
	.3 m	537-187-1	5. PH						Soil	
3/29/2002	.6 m	537-187-2	1. TTLC	ND	mg/kg	5	4/1/2002	Lead	Soil	ATL
	.6 m	537-187-2	2. STLC		mg/l			Lead	Soil	
	.6 m	537-187-2	3. STLC-DI		mg/l			Lead	Soil	
	.6 m	537-187-2	4. TCLP		mg/l			Lead	Soil	
	.6 m	537-187-2	5. PH						Soil	
3/29/2002	.9 m	537-187-3	1. TTLC	ND	mg/kg	5	4/1/2002	Lead	Soil	ATL
	.9 m	537-187-3	2. STLC		mg/l			Lead	Soil	
	.9 m	537-187-3	3. STLC-DI		mg/l			Lead	Soil	
	.9 m	537-187-3	4. TCLP		mg/l			Lead	Soil	
	.9 m	537-187-3	5. PH						Soil	
3/29/2002	.9 m	537-187-3	1. TTLC		7.84	0.1	4/1/2002	Lead	Soil	ATL
	1.5 m	537-187-5	1. TTLC		mg/kg			Lead	Soil	
	1.5 m	537-187-5	2. STLC		mg/l			Lead	Soil	
	1.5 m	537-187-5	3. STLC-DI		mg/l			Lead	Soil	
	1.5 m	537-187-5	4. TCLP		mg/l			Lead	Soil	
	1.5 m	537-187-5	5. PH						Soil	
3/29/2002	surface	537-188-0	1. TTLC		15 mg/kg	5	4/1/2002	Lead	Soil	ATL
	surface	537-188-0	2. STLC		mg/l			Lead	Soil	
	surface	537-188-0	3. STLC-DI		mg/l			Lead	Soil	

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surface	537-188-0	4. TCLP	mg/l		Soil
surface	537-188-0	5. PH			Soil
3/29/2002	3 m	1. TTLC	6.6 mg/kg	5	ATL
.3 m	537-188-1	2. STLC	mg/l		Soil
.3 m	537-188-1	3. STLC-DI	mg/l		Soil
.3 m	537-188-1	4. TCLP	mg/l		Soil
.3 m	537-188-1	5. PH	mg/l		Soil
3/29/2002	.6 m	1. TTLC	8.7 mg/kg	5	ATL
.6 m	537-188-2	2. STLC	mg/l		Soil
.6 m	537-188-2	3. STLC-DI	mg/l		Soil
.6 m	537-188-2	4. TCLP	mg/l		Soil
.6 m	537-188-2	5. PH	mg/l		Soil
3/29/2002	.9 m	1. TTLC	6.1 mg/kg	5	ATL
.9 m	537-188-3	2. STLC	mg/l		Soil
.9 m	537-188-3	3. STLC-DI	mg/l		Soil
.9 m	537-188-3	4. TCLP	mg/l		Soil
.9 m	537-188-3	5. PH	mg/l		Soil
3/29/2002	1.5 m	1. TTLC	5.2 mg/kg	5	ATL
1.5 m	537-188-5	2. STLC	mg/l		Soil
1.5 m	537-188-5	3. STLC-DI	mg/l		Soil
1.5 m	537-188-5	4. TCLP	mg/l		Soil
1.5 m	537-188-5	5. PH	mg/l		Soil
3/29/2002	surface	1. TTLC	87 mg/kg	5	ATL
3/29/2002	surface	2. STLC	5 mg/l	0.2	ATL
surface	537-189-0	3. STLC-DI	mg/l		Soil
surface	537-189-0	4. TCLP	mg/l		Soil
surface	537-189-0	5. PH	mg/l		Soil
3/29/2002	.3 m	1. TTLC	6.1 mg/kg	5	ATL
.3 m	537-189-1	2. STLC	mg/l		Soil
.3 m	537-189-1	3. STLC-DI	mg/l		Soil
.3 m	537-189-1	4. TCLP	mg/l		Soil
.3 m	537-189-1	5. PH	mg/l		Soil
3/29/2002	.6 m	1. TTLC	6 mg/kg	5	ATL
.6 m	537-189-2	2. STLC	mg/l		Soil
.6 m	537-189-2	3. STLC-DI	mg/l		Soil
.6 m	537-189-2	4. TCLP	mg/l		Soil
.6 m	537-189-2	5. PH	mg/l		Soil
3/29/2002	.9 m	1. TTLC	6.4 mg/kg	5	ATL

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.9 m	537-189-3	2. STLC	mg/l			Soil	
.9 m	537-189-3	3. STLC-DI	mg/l			Soil	
.9 m	537-189-3	4. TCLP	mg/l			Soil	
.9 m	537-189-3	5. PH				Soil	
3/29/2002 1.5 m	537-189-5	1. TTLC	7.3 mg/kg	5	4/1/2002	Soil	ATL
1.5 m	537-189-5	2. STLC	mg/l			Soil	
1.5 m	537-189-5	3. STLC-DI	mg/l			Soil	
1.5 m	537-189-5	4. TCLP	mg/l			Soil	
3/29/2002 1.5 m	537-189-5	5. PH	7.53	0.1	4/1/2002	Soil	ATL
3/29/2002 surface	537-190-0	1. TTLC	37 mg/kg	5	4/1/2002	Soil	ATL
surface	537-190-0	2. STLC	mg/l			Soil	
surface	537-190-0	3. STLC-DI	mg/l			Soil	
surface	537-190-0	4. TCLP	mg/l			Soil	
surface	537-190-0	5. PH	mg/l			Soil	
3/29/2002 .3 m	537-190-1	1. TTLC	5.9 mg/kg	5	4/1/2002	Soil	ATL
.3 m	537-190-1	2. STLC	mg/l			Soil	
.3 m	537-190-1	3. STLC-DI	mg/l			Soil	
.3 m	537-190-1	4. TCLP	mg/l			Soil	
.3 m	537-190-1	5. PH	mg/l			Soil	
3/29/2002 .6 m	537-190-2	1. TTLC	6.7 mg/kg	5	4/1/2002	Soil	ATL
.6 m	537-190-2	2. STLC	mg/l			Soil	
.6 m	537-190-2	3. STLC-DI	mg/l			Soil	
.6 m	537-190-2	4. TCLP	mg/l			Soil	
.6 m	537-190-2	5. PH	mg/l			Soil	
3/29/2002 .9 m	537-190-3	1. TTLC	7.2 mg/kg	5	4/1/2002	Soil	ATL
.9 m	537-190-3	2. STLC	mg/l			Soil	
.9 m	537-190-3	3. STLC-DI	mg/l			Soil	
.9 m	537-190-3	4. TCLP	mg/l			Soil	
.9 m	537-190-3	5. PH	mg/l			Soil	
3/29/2002 1.5 m	537-190-5	1. TTLC	6.2 mg/kg	5	4/1/2002	Soil	ATL
1.5 m	537-190-5	2. STLC	mg/l			Soil	
1.5 m	537-190-5	3. STLC-DI	mg/l			Soil	
1.5 m	537-190-5	4. TCLP	mg/l			Soil	
1.5 m	537-190-5	5. PH	mg/l			Soil	
3/29/2002 surface	537-191-0	1. TTLC	10 mg/kg	5	4/1/2002	Soil	ATL
surface	537-191-0	2. STLC	mg/l			Soil	
surface	537-191-0	3. STLC-DI	mg/l			Soil	
surface	537-191-0	4. TCLP	mg/l			Soil	

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Surface	Sample ID	Method	Concentration	Date	Soil	ATL
3/29/2002 surface	537-191-0	5. PH	7 mg/kg	5	Soil	ATL
3/29/2002 .3 m	537-191-1	1. TTLC	mg/l	4/1/2002	Soil	Lead
.3 m	537-191-1	2. STLC	mg/l		Soil	Lead
.3 m	537-191-1	3. STLC-DI	mg/l		Soil	Lead
.3 m	537-191-1	4. TCLP	mg/l		Soil	Lead
.3 m	537-191-1	5. PH			Soil	
3/29/2002 .6 m	537-191-2	1. TTLC	8.2 mg/kg	5	Soil	ATL
.6 m	537-191-2	2. STLC	mg/l	4/1/2002	Soil	Lead
.6 m	537-191-2	3. STLC-DI	mg/l		Soil	Lead
.6 m	537-191-2	4. TCLP	mg/l		Soil	Lead
.6 m	537-191-2	5. PH			Soil	
.9 m	537-191-3	1. TTLC	mg/kg		Soil	Lead
.9 m	537-191-3	2. STLC	mg/l		Soil	Lead
.9 m	537-191-3	3. STLC-DI	mg/l		Soil	Lead
.9 m	537-191-3	4. TCLP	mg/l		Soil	Lead
.9 m	537-191-3	5. PH			Soil	
1.5 m	537-191-5	1. TTLC	mg/kg		Soil	Lead
1.5 m	537-191-5	2. STLC	mg/l		Soil	Lead
1.5 m	537-191-5	3. STLC-DI	mg/l		Soil	Lead
1.5 m	537-191-5	4. TCLP	mg/l		Soil	Lead
1.5 m	537-191-5	5. PH			Soil	
3/29/2002 surface	537-192-0	1. TTLC	130 mg/kg	5	Soil	ATL
3/29/2002 surface	537-192-0	2. STLC	10 mg/l	0.2	Soil	ATL
3/29/2002 surface	537-192-0	3. STLC-DI	mg/l	0.2	Soil	ATL
surface	537-192-0	4. TCLP	mg/l		Soil	Lead
surface	537-192-0	5. PH			Soil	
3/29/2002 .3 m	537-192-1	1. TTLC	14 mg/kg	5	Soil	ATL
.3 m	537-192-1	2. STLC	mg/l	4/1/2002	Soil	Lead
.3 m	537-192-1	3. STLC-DI	mg/l		Soil	Lead
.3 m	537-192-1	4. TCLP	mg/l		Soil	Lead
3/29/2002 .3 m	537-192-1	5. PH	6.62	0.1	Soil	ATL
3/29/2002 .6 m	537-192-2	1. TTLC	6.8 mg/kg	5	Soil	ATL
.6 m	537-192-2	2. STLC	mg/l	4/1/2002	Soil	Lead
.6 m	537-192-2	3. STLC-DI	mg/l		Soil	Lead
.6 m	537-192-2	4. TCLP	mg/l		Soil	Lead
.6 m	537-192-2	5. PH			Soil	
3/29/2002 .9 m	537-192-3	1. TTLC	7 mg/kg	5	Soil	ATL
.9 m	537-192-3	2. STLC	mg/l	4/1/2002	Soil	Lead

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Depth	Sample ID	Method	Concentration	Date	Matrix	Notes
.9 m	537-192-3	3. STLC-DI	mg/l		Soil	
.9 m	537-192-3	4. TCLP	mg/l		Soil	
.9 m	537-192-3	5. PH			Soil	
3/29/2002 1.5 m	537-192-5	1. TTLC	8 mg/kg	5	Soil	ATL
1.5 m	537-192-5	2. STLC	mg/l		Soil	
1.5 m	537-192-5	3. STLC-DI	mg/l		Soil	
1.5 m	537-192-5	4. TCLP	mg/l		Soil	
1.5 m	537-192-5	5. PH	mg/l		Soil	
3/29/2002 surface	537-193-0	1. TTLC	100 mg/kg	5	Soil	ATL
3/29/2002 surface	537-193-0	2. STLC	2.3 mg/l	0.2	Soil	ATL
surface	537-193-0	3. STLC-DI	mg/l		Soil	
surface	537-193-0	4. TCLP	mg/l		Soil	
surface	537-193-0	5. PH	mg/l		Soil	
3/29/2002 .3 m	537-193-1	1. TTLC	7.8 mg/kg	5	Soil	ATL
.3 m	537-193-1	2. STLC	mg/l		Soil	
.3 m	537-193-1	3. STLC-DI	mg/l		Soil	
.3 m	537-193-1	4. TCLP	mg/l		Soil	
.3 m	537-193-1	5. PH	mg/l		Soil	
3/29/2002 .6 m	537-193-2	1. TTLC	7.4 mg/kg	5	Soil	ATL
.6 m	537-193-2	2. STLC	mg/l		Soil	
.6 m	537-193-2	3. STLC-DI	mg/l		Soil	
.6 m	537-193-2	4. TCLP	mg/l		Soil	
.6 m	537-193-2	5. PH	mg/l		Soil	
.9 m	537-193-3	1. TTLC	mg/kg		Soil	
.9 m	537-193-3	2. STLC	mg/l		Soil	
.9 m	537-193-3	3. STLC-DI	mg/l		Soil	
.9 m	537-193-3	4. TCLP	mg/l		Soil	
.9 m	537-193-3	5. PH	mg/l		Soil	
1.5 m	537-193-5	1. TTLC	mg/kg		Soil	
1.5 m	537-193-5	2. STLC	mg/l		Soil	
1.5 m	537-193-5	3. STLC-DI	mg/l		Soil	
1.5 m	537-193-5	4. TCLP	mg/l		Soil	
1.5 m	537-193-5	5. PH	mg/l		Soil	
3/29/2002 surface	537-194-0	1. TTLC	120 mg/kg	5	Soil	ATL
3/29/2002 surface	537-194-0	2. STLC	6.8 mg/l	0.2	Soil	ATL
3/29/2002 surface	537-194-0	3. STLC-DI	ND		Soil	ATL
surface	537-194-0	4. TCLP	mg/l		Soil	
surface	537-194-0	5. PH	mg/l		Soil	

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3/29/2002	.3 m	537-194-1	1. TTLC	95 mg/kg	5	4/1/2002	Lead	Soil	ATL
3/29/2002	.3 m	537-194-1	2. STLC	4.2 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	.3 m	537-194-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	537-194-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	537-194-1	5. PH					Soil	
3/29/2002	.6 m	537-194-2	1. TTLC	7.2 mg/kg	5	4/1/2002	Lead	Soil	ATL
	.6 m	537-194-2	2. STLC	mg/l			Lead	Soil	
	.6 m	537-194-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	537-194-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	537-194-2	5. PH					Soil	
3/29/2002	.9 m	537-194-3	1. TTLC	6.2 mg/kg	5	4/1/2002	Lead	Soil	ATL
	.9 m	537-194-3	2. STLC	mg/l			Lead	Soil	
	.9 m	537-194-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	537-194-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	537-194-3	5. PH	7.49	0.1	4/1/2002		Soil	ATL
3/29/2002	1.5 m	537-194-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	537-194-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	537-194-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	537-194-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	537-194-5	5. PH					Soil	
3/29/2002	surface	537-195-0	1. TTLC	200 mg/kg	5	4/1/2002	Lead	Soil	ATL
3/29/2002	surface	537-195-0	2. STLC	8.8 mg/l	0.2	4/9/2002	Lead	Soil	ATL
3/29/2002	surface	537-195-0	3. STLC-DI	mg/l	0.2	4/17/2002	Lead	Soil	ATL
	surface	537-195-0	4. TCLP	mg/l			Lead	Soil	
	surface	537-195-0	5. PH					Soil	
3/29/2002	.3 m	537-195-1	1. TTLC	10 mg/kg	5	4/1/2002	Lead	Soil	ATL
	.3 m	537-195-1	2. STLC	mg/l			Lead	Soil	
	.3 m	537-195-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	537-195-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	537-195-1	5. PH					Soil	
3/29/2002	.6 m	537-195-2	1. TTLC	6.8 mg/kg	5	4/1/2002	Lead	Soil	ATL
	.6 m	537-195-2	2. STLC	mg/l			Lead	Soil	
	.6 m	537-195-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	537-195-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	537-195-2	5. PH					Soil	
3/29/2002	.9 m	537-195-3	1. TTLC	7.6 mg/kg	5	4/1/2002	Lead	Soil	ATL
	.9 m	537-195-3	2. STLC	mg/l			Lead	Soil	
	.9 m	537-195-3	3. STLC-DI	mg/l			Lead	Soil	

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3/29/2002	.9 m	537-195-3	4. TCLP	mg/l			Soil	
	.9 m	537-195-3	5. PH				Soil	
3/29/2002	1.5 m	537-195-5	1. TTLC	8.6 mg/kg	5	4/1/2002	Lead	ATL
	1.5 m	537-195-5	2. STLC	mg/l			Lead	
	1.5 m	537-195-5	3. STLC-DI	mg/l			Lead	
	1.5 m	537-195-5	4. TCLP	mg/l			Lead	
	1.5 m	537-195-5	5. PH				Soil	
3/29/2002	surface	537-196-0	1. TTLC	180 mg/kg	5	4/1/2002	Lead	ATL
3/29/2002	surface	537-196-0	2. STLC	6.7 mg/l	0.2	4/9/2002	Lead	ATL
3/29/2002	surface	537-196-0	3. STLC-DI	mg/l	0.2	4/17/2002	Lead	ATL
	surface	537-196-0	4. TCLP	mg/l			Lead	
	surface	537-196-0	5. PH				Soil	
3/29/2002	.3 m	537-196-1	1. TTLC	14 mg/kg	5	4/1/2002	Lead	ATL
	.3 m	537-196-1	2. STLC	mg/l			Lead	
	.3 m	537-196-1	3. STLC-DI	mg/l			Lead	
	.3 m	537-196-1	4. TCLP	mg/l			Lead	
	.3 m	537-196-1	5. PH				Soil	
	.6 m	537-196-2	1. TTLC	mg/kg			Lead	
	.6 m	537-196-2	2. STLC	mg/l			Lead	
	.6 m	537-196-2	3. STLC-DI	mg/l			Lead	
	.6 m	537-196-2	4. TCLP	mg/l			Lead	
	.6 m	537-196-2	5. PH				Soil	
	.9 m	537-196-3	1. TTLC	mg/kg			Lead	
	.9 m	537-196-3	2. STLC	mg/l			Lead	
	.9 m	537-196-3	3. STLC-DI	mg/l			Lead	
	.9 m	537-196-3	4. TCLP	mg/l			Lead	
	.9 m	537-196-3	5. PH				Soil	
	1.5 m	537-196-5	1. TTLC	mg/kg			Lead	
	1.5 m	537-196-5	2. STLC	mg/l			Lead	
	1.5 m	537-196-5	3. STLC-DI	mg/l			Lead	
	1.5 m	537-196-5	4. TCLP	mg/l			Lead	
	1.5 m	537-196-5	5. PH				Soil	
3/29/2002	surface	537-197-0	1. TTLC	110 mg/kg	5	4/1/2002	Lead	ATL
3/29/2002	surface	537-197-0	2. STLC	3.1 mg/l	0.2	4/9/2002	Lead	ATL
	surface	537-197-0	3. STLC-DI	mg/l			Lead	
	surface	537-197-0	4. TCLP	mg/l			Lead	
	surface	537-197-0	5. PH				Soil	
3/29/2002	.3 m	537-197-1	1. TTLC	5.8 mg/kg	5	4/1/2002	Lead	ATL

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Date	Depth	Sample ID	Method	Result	Unit	Soil	Lead	Date	Soil
	.3 m	537-197-1	2. STLC		mg/l	Soil	Lead		
	.3 m	537-197-1	3. STLC-DI		mg/l	Soil	Lead		
	.3 m	537-197-1	4. TCLP		mg/l	Soil	Lead		
	.3 m	537-197-1	5. PH			Soil			
3/29/2002	.6 m	537-197-2	1. TTLC	ND	mg/kg	Soil	Lead	4/1/2002	ATL
	.6 m	537-197-2	2. STLC		mg/l	Soil	Lead		
	.6 m	537-197-2	3. STLC-DI		mg/l	Soil	Lead		
	.6 m	537-197-2	4. TCLP		mg/l	Soil	Lead		
3/29/2002	.6 m	537-197-2	5. PH	6.39		Soil		4/1/2002	ATL
3/29/2002	.9 m	537-197-3	1. TTLC	ND	mg/kg	Soil	Lead	4/1/2002	ATL
	.9 m	537-197-3	2. STLC		mg/l	Soil	Lead		
	.9 m	537-197-3	3. STLC-DI		mg/l	Soil	Lead		
	.9 m	537-197-3	4. TCLP		mg/l	Soil	Lead		
	.9 m	537-197-3	5. PH			Soil			
3/29/2002	1.5 m	537-197-5	1. TTLC		6.1 mg/kg	Soil	Lead	4/1/2002	ATL
	1.5 m	537-197-5	2. STLC		mg/l	Soil	Lead		
	1.5 m	537-197-5	3. STLC-DI		mg/l	Soil	Lead		
	1.5 m	537-197-5	4. TCLP		mg/l	Soil	Lead		
	1.5 m	537-197-5	5. PH			Soil			
3/29/2002	surface	537-198-0	1. TTLC		240 mg/kg	Soil	Lead	4/1/2002	ATL
3/29/2002	surface	537-198-0	2. STLC		16 mg/l	Soil	Lead	4/9/2002	ATL
3/29/2002	surface	537-198-0	3. STLC-DI	ND	mg/l	Soil	Lead	4/17/2002	ATL
	surface	537-198-0	4. TCLP		mg/l	Soil	Lead		
	surface	537-198-0	5. PH			Soil			
3/29/2002	.3 m	537-198-1	1. TTLC		14 mg/kg	Soil	Lead	4/1/2002	ATL
	.3 m	537-198-1	2. STLC		mg/l	Soil	Lead		
	.3 m	537-198-1	3. STLC-DI		mg/l	Soil	Lead		
	.3 m	537-198-1	4. TCLP		mg/l	Soil	Lead		
	.3 m	537-198-1	5. PH			Soil			
	.6 m	537-198-2	1. TTLC		mg/kg	Soil	Lead		
	.6 m	537-198-2	2. STLC		mg/l	Soil	Lead		
	.6 m	537-198-2	3. STLC-DI		mg/l	Soil	Lead		
	.6 m	537-198-2	4. TCLP		mg/l	Soil	Lead		
	.6 m	537-198-2	5. PH			Soil			
	.9 m	537-198-3	1. TTLC		mg/kg	Soil	Lead		
	.9 m	537-198-3	2. STLC		mg/l	Soil	Lead		
	.9 m	537-198-3	3. STLC-DI		mg/l	Soil	Lead		
	.9 m	537-198-3	4. TCLP		mg/l	Soil	Lead		

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Sample ID	Depth	Method	Result	Unit	Date	Soil Type
537-198-3	.9 m	5. PH				Soil
537-198-5	1.5 m	1. TTLC				Soil
537-198-5	1.5 m	2. STLC				Soil
537-198-5	1.5 m	3. STLC-DI				Soil
537-198-5	1.5 m	4. TCLP				Soil
537-198-5	1.5 m	5. PH				Soil
3/29/2002 surface	surface	1. TTLC	190	mg/kg	4/1/2002	Soil ATL
3/29/2002 surface	surface	2. STLC	11	mg/l	4/9/2002	Soil ATL
3/29/2002 surface	surface	3. STLC-DI	ND	mg/l	4/17/2002	Soil ATL
3/29/2002 surface	surface	4. TCLP		mg/l		Soil
3/29/2002 surface	surface	5. PH				Soil
3/29/2002 .3 m	.3 m	1. TTLC	70	mg/kg	4/1/2002	Soil ATL
3/29/2002 .3 m	.3 m	2. STLC	5.3	mg/l	4/9/2002	Soil ATL
3/29/2002 .3 m	.3 m	3. STLC-DI	ND	mg/l	4/17/2002	Soil ATL
3/29/2002 .3 m	.3 m	4. TCLP		mg/l		Soil
3/29/2002 .3 m	.3 m	5. PH				Soil
3/29/2002 .6 m	.6 m	1. TTLC		mg/kg		Soil
3/29/2002 .6 m	.6 m	2. STLC		mg/l		Soil
3/29/2002 .6 m	.6 m	3. STLC-DI		mg/l		Soil
3/29/2002 .6 m	.6 m	4. TCLP		mg/l		Soil
3/29/2002 .6 m	.6 m	5. PH				Soil
3/29/2002 .9 m	.9 m	1. TTLC		mg/kg		Soil
3/29/2002 .9 m	.9 m	2. STLC		mg/l		Soil
3/29/2002 .9 m	.9 m	3. STLC-DI		mg/l		Soil
3/29/2002 .9 m	.9 m	4. TCLP		mg/l		Soil
3/29/2002 .9 m	.9 m	5. PH				Soil
3/29/2002 1.5 m	1.5 m	1. TTLC		mg/kg		Soil
3/29/2002 1.5 m	1.5 m	2. STLC		mg/l		Soil
3/29/2002 1.5 m	1.5 m	3. STLC-DI		mg/l		Soil
3/29/2002 1.5 m	1.5 m	4. TCLP		mg/l		Soil
3/29/2002 1.5 m	1.5 m	5. PH				Soil
3/29/2002 surface	surface	1. TTLC	37	mg/kg	4/1/2002	Soil ATL
3/29/2002 surface	surface	2. STLC		mg/l		Soil
3/29/2002 surface	surface	3. STLC-DI		mg/l		Soil
3/29/2002 surface	surface	4. TCLP		mg/l		Soil
3/29/2002 surface	surface	5. PH				Soil
3/29/2002 .3 m	.3 m	1. TTLC	79	mg/kg	4/1/2002	Soil ATL
3/29/2002 .3 m	.3 m	2. STLC	3.7	mg/l	4/9/2002	Soil ATL

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3 m	537-200-1	3. STLC-DI	mg/l		Soil	Lead
3 m	537-200-1	4. TCLP	mg/l		Soil	Lead
3 m	537-200-1	5. PH			Soil	
6 m	537-200-2	1. TTLC	mg/kg		Soil	Lead
6 m	537-200-2	2. STLC	mg/l		Soil	Lead
6 m	537-200-2	3. STLC-DI	mg/l		Soil	Lead
6 m	537-200-2	4. TCLP	mg/l		Soil	Lead
6 m	537-200-2	5. PH			Soil	Lead
9 m	537-200-3	1. TTLC	mg/kg		Soil	Lead
9 m	537-200-3	2. STLC	mg/l		Soil	Lead
9 m	537-200-3	3. STLC-DI	mg/l		Soil	Lead
9 m	537-200-3	4. TCLP	mg/l		Soil	Lead
9 m	537-200-3	5. PH			Soil	Lead
1.5 m	537-200-5	1. TTLC	mg/kg		Soil	Lead
1.5 m	537-200-5	2. STLC	mg/l		Soil	Lead
1.5 m	537-200-5	3. STLC-DI	mg/l		Soil	Lead
1.5 m	537-200-5	4. TCLP	mg/l		Soil	Lead
1.5 m	537-200-5	5. PH			Soil	Lead
3/29/2002 surface	537-201-0	1. TTLC	30 mg/kg	5	Soil	Lead
surface	537-201-0	2. STLC	mg/l		Soil	Lead
surface	537-201-0	3. STLC-DI	mg/l		Soil	Lead
surface	537-201-0	4. TCLP	mg/l		Soil	Lead
surface	537-201-0	5. PH			Soil	Lead
3/29/2002 .3 m	537-201-1	1. TTLC	30 mg/kg	5	Soil	Lead
.3 m	537-201-1	2. STLC	mg/l		Soil	Lead
.3 m	537-201-1	3. STLC-DI	mg/l		Soil	Lead
.3 m	537-201-1	4. TCLP	mg/l		Soil	Lead
3/29/2002 .3 m	537-201-1	5. PH	7.65	0.1	Soil	Lead
3/29/2002 .6 m	537-201-2	1. TTLC	15 mg/kg	5	Soil	Lead
.6 m	537-201-2	2. STLC	mg/l		Soil	Lead
.6 m	537-201-2	3. STLC-DI	mg/l		Soil	Lead
.6 m	537-201-2	4. TCLP	mg/l		Soil	Lead
.6 m	537-201-2	5. PH			Soil	Lead
3/29/2002 .9 m	537-201-3	1. TTLC	8.1 mg/kg	5	Soil	Lead
.9 m	537-201-3	2. STLC	mg/l		Soil	Lead
.9 m	537-201-3	3. STLC-DI	mg/l		Soil	Lead
.9 m	537-201-3	4. TCLP	mg/l		Soil	Lead
.9 m	537-201-3	5. PH			Soil	Lead

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3/29/2002	1.5 m	537-201-5	1. TTLC	ND	mg/kg	5	4/1/2002	Lead	Soil	ATL
	1.5 m	537-201-5	2. STLC		mg/l			Lead	Soil	
	1.5 m	537-201-5	3. STLC-DI		mg/l			Lead	Soil	
	1.5 m	537-201-5	4. TCLP		mg/l			Lead	Soil	
	1.5 m	537-201-5	5. PH		mg/l			Lead	Soil	
3/29/2002	surface	537-202-0	1. TTLC		200 mg/kg	5	4/1/2002	Lead	Soil	ATL
3/29/2002	surface	537-202-0	2. STLC		13 mg/l	0.2	4/8/2002	Lead	Soil	ATL
3/29/2002	surface	537-202-0	3. STLC-DI	ND	mg/l	0.2	4/11/2002	Lead	Soil	ATL
	surface	537-202-0	4. TCLP		mg/l			Lead	Soil	
	surface	537-202-0	5. PH		mg/l			Lead	Soil	
3/29/2002	.3 m	537-202-1	1. TTLC		28 mg/kg	5	4/1/2002	Lead	Soil	ATL
	.3 m	537-202-1	2. STLC		mg/l			Lead	Soil	
	.3 m	537-202-1	3. STLC-DI		mg/l			Lead	Soil	
	.3 m	537-202-1	4. TCLP		mg/l			Lead	Soil	
	.3 m	537-202-1	5. PH		mg/l			Lead	Soil	
	.6 m	537-202-2	1. TTLC		mg/kg			Lead	Soil	
	.6 m	537-202-2	2. STLC		mg/l			Lead	Soil	
	.6 m	537-202-2	3. STLC-DI		mg/l			Lead	Soil	
	.6 m	537-202-2	4. TCLP		mg/l			Lead	Soil	
	.6 m	537-202-2	5. PH		mg/l			Lead	Soil	
	.9 m	537-202-3	1. TTLC		mg/kg			Lead	Soil	
	.9 m	537-202-3	2. STLC		mg/l			Lead	Soil	
	.9 m	537-202-3	3. STLC-DI		mg/l			Lead	Soil	
	.9 m	537-202-3	4. TCLP		mg/l			Lead	Soil	
	.9 m	537-202-3	5. PH		mg/l			Lead	Soil	
	1.5 m	537-202-5	1. TTLC		mg/kg			Lead	Soil	
	1.5 m	537-202-5	2. STLC		mg/l			Lead	Soil	
	1.5 m	537-202-5	3. STLC-DI		mg/l			Lead	Soil	
	1.5 m	537-202-5	4. TCLP		mg/l			Lead	Soil	
	1.5 m	537-202-5	5. PH		mg/l			Lead	Soil	
3/29/2002	surface	537-203-0	1. TTLC		110 mg/kg	5	4/1/2002	Lead	Soil	ATL
3/29/2002	surface	537-203-0	2. STLC		11 mg/l	0.2	4/8/2002	Lead	Soil	ATL
3/29/2002	surface	537-203-0	3. STLC-DI	ND	mg/l	0.2	4/11/2002	Lead	Soil	ATL
	surface	537-203-0	4. TCLP		mg/l			Lead	Soil	
	surface	537-203-0	5. PH		mg/l			Lead	Soil	
3/29/2002	.3 m	537-203-1	1. TTLC		94 mg/kg	5	4/1/2002	Lead	Soil	ATL
3/29/2002	.3 m	537-203-1	2. STLC		8.1 mg/l	0.2	4/8/2002	Lead	Soil	ATL
3/29/2002	.3 m	537-203-1	3. STLC-DI	ND	mg/l	0.2	4/11/2002	Lead	Soil	ATL

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Date	Depth	Sample ID	Method	Concentration	Unit	Soil Type	Notes
	.3 m	537-203-1	4. TCLP		mg/l	Soil	
	.3 m	537-203-1	5. PH			Soil	
	.6 m	537-203-2	1. TTLC		mg/kg	Soil	
	.6 m	537-203-2	2. STLC		mg/l	Soil	
	.6 m	537-203-2	3. STLC-DI		mg/l	Soil	
	.6 m	537-203-2	4. TCLP		mg/l	Soil	
	.6 m	537-203-2	5. PH			Soil	
	.9 m	537-203-3	1. TTLC		mg/kg	Soil	
	.9 m	537-203-3	2. STLC		mg/l	Soil	
	.9 m	537-203-3	3. STLC-DI		mg/l	Soil	
	.9 m	537-203-3	4. TCLP		mg/l	Soil	
	.9 m	537-203-3	5. PH			Soil	
	1.5 m	537-203-5	1. TTLC		mg/kg	Soil	
	1.5 m	537-203-5	2. STLC		mg/l	Soil	
	1.5 m	537-203-5	3. STLC-DI		mg/l	Soil	
	1.5 m	537-203-5	4. TCLP		mg/l	Soil	
	1.5 m	537-203-5	5. PH			Soil	
3/29/2002	surface	537-204-0	1. TTLC	6.4	mg/kg	Soil	ATL
3/29/2002	surface	537-204-0	2. STLC	3.8	mg/l	Soil	ATL
	surface	537-204-0	3. STLC-DI		mg/l	Soil	
	surface	537-204-0	4. TCLP		mg/l	Soil	
	surface	537-204-0	5. PH			Soil	
3/29/2002	.3 m	537-204-1	1. TTLC	9.4	mg/kg	Soil	ATL
	.3 m	537-204-1	2. STLC		mg/l	Soil	
	.3 m	537-204-1	3. STLC-DI		mg/l	Soil	
	.3 m	537-204-1	4. TCLP		mg/l	Soil	
	.3 m	537-204-1	5. PH			Soil	
3/29/2002	.6 m	537-204-2	1. TTLC	5	mg/kg	Soil	ATL
	.6 m	537-204-2	2. STLC		mg/l	Soil	
	.6 m	537-204-2	3. STLC-DI		mg/l	Soil	
	.6 m	537-204-2	4. TCLP		mg/l	Soil	
	.6 m	537-204-2	5. PH			Soil	
3/29/2002	.9 m	537-204-3	1. TTLC	0.1	mg/kg	Soil	ATL
	.9 m	537-204-3	2. STLC	5	mg/l	Soil	ATL
	.9 m	537-204-3	3. STLC-DI		mg/l	Soil	
	.9 m	537-204-3	4. TCLP		mg/l	Soil	
	.9 m	537-204-3	5. PH			Soil	
	1.5 m	537-204-5	1. TTLC		mg/kg	Soil	

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1.5 m	537-204-5	2. STLC	mg/l			Soil	
1.5 m	537-204-5	3. STLC-DI	mg/l			Soil	
1.5 m	537-204-5	4. TCLP	mg/l			Soil	
1.5 m	537-204-5	5. PH	mg/l			Soil	
3/29/2002 surface	537-205-0	1. TTLC	33 mg/kg	5	4/1/2002	Soil	ATL
surface	537-205-0	2. STLC	mg/l			Soil	
surface	537-205-0	3. STLC-DI	mg/l			Soil	
surface	537-205-0	4. TCLP	mg/l			Soil	
surface	537-205-0	5. PH	mg/l			Soil	
3/29/2002 .3 m	537-205-1	1. TTLC	mg/kg	5	4/1/2002	Soil	ATL
.3 m	537-205-1	2. STLC	mg/l			Soil	
.3 m	537-205-1	3. STLC-DI	mg/l			Soil	
.3 m	537-205-1	4. TCLP	mg/l			Soil	
.3 m	537-205-1	5. PH	mg/l			Soil	
3/29/2002 .6 m	537-205-2	1. TTLC	mg/kg	5	4/1/2002	Soil	ATL
.6 m	537-205-2	2. STLC	mg/l			Soil	
.6 m	537-205-2	3. STLC-DI	mg/l			Soil	
.6 m	537-205-2	4. TCLP	mg/l			Soil	
.6 m	537-205-2	5. PH	mg/l			Soil	
3/29/2002 .9 m	537-205-3	1. TTLC	mg/kg	5	4/1/2002	Soil	ATL
.9 m	537-205-3	2. STLC	mg/l			Soil	
.9 m	537-205-3	3. STLC-DI	mg/l			Soil	
.9 m	537-205-3	4. TCLP	mg/l			Soil	
.9 m	537-205-3	5. PH	mg/l			Soil	
3/29/2002 1.5 m	537-205-5	1. TTLC	mg/kg	5	4/1/2002	Soil	ATL
1.5 m	537-205-5	2. STLC	mg/l			Soil	
1.5 m	537-205-5	3. STLC-DI	mg/l			Soil	
1.5 m	537-205-5	4. TCLP	mg/l			Soil	
1.5 m	537-205-5	5. PH	mg/l			Soil	
3/29/2002 surface	537-206-0	1. TTLC	88 mg/kg	5	4/1/2002	Soil	ATL
surface	537-206-0	2. STLC	6.1 mg/l	0.2	4/8/2002	Soil	ATL
3/29/2002 surface	537-206-0	3. STLC-DI	mg/l			Soil	
surface	537-206-0	4. TCLP	mg/l			Soil	
surface	537-206-0	5. PH	mg/l			Soil	
3/29/2002 .3 m	537-206-1	1. TTLC	42 mg/kg	5	4/1/2002	Soil	ATL
.3 m	537-206-1	2. STLC	mg/l			Soil	
.3 m	537-206-1	3. STLC-DI	mg/l			Soil	
.3 m	537-206-1	4. TCLP	mg/l			Soil	

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Depth	Sample ID	Method	Concentration	Unit	Soil	Date
.3 m	537-206-1	5. PH			Soil	
.6 m	537-206-2	1. TTLC		mg/kg	Soil	
.6 m	537-206-2	2. STLC		mg/l	Soil	
.6 m	537-206-2	3. STLC-DI		mg/l	Soil	
.6 m	537-206-2	4. TCLP		mg/l	Soil	
.6 m	537-206-2	5. PH			Soil	
.9 m	537-206-3	1. TTLC		mg/kg	Soil	
.9 m	537-206-3	2. STLC		mg/l	Soil	
.9 m	537-206-3	3. STLC-DI		mg/l	Soil	
.9 m	537-206-3	4. TCLP		mg/l	Soil	
.9 m	537-206-3	5. PH			Soil	
1.5 m	537-206-5	1. TTLC		mg/kg	Soil	
1.5 m	537-206-5	2. STLC		mg/l	Soil	
1.5 m	537-206-5	3. STLC-DI		mg/l	Soil	
1.5 m	537-206-5	4. TCLP		mg/l	Soil	
1.5 m	537-206-5	5. PH			Soil	
3/29/2002 surface	537-207-0	1. TTLC	74	mg/kg	Soil	ATL
3/29/2002 surface	537-207-0	2. STLC	2.9	mg/l	Soil	ATL
surface	537-207-0	3. STLC-DI		mg/l	Soil	
surface	537-207-0	4. TCLP		mg/l	Soil	
surface	537-207-0	5. PH			Soil	
3/29/2002 .3 m	537-207-1	1. TTLC	5.3	mg/kg	Soil	ATL
.3 m	537-207-1	2. STLC		mg/l	Soil	
.3 m	537-207-1	3. STLC-DI		mg/l	Soil	
.3 m	537-207-1	4. TCLP		mg/l	Soil	
3/29/2002 .3 m	537-207-1	5. PH	7.06		Soil	ATL
3/29/2002 .6 m	537-207-2	1. TTLC	5.8	mg/kg	Soil	ATL
.6 m	537-207-2	2. STLC		mg/l	Soil	
.6 m	537-207-2	3. STLC-DI		mg/l	Soil	
.6 m	537-207-2	4. TCLP		mg/l	Soil	
.6 m	537-207-2	5. PH			Soil	
3/29/2002 .9 m	537-207-3	1. TTLC	6.1	mg/kg	Soil	ATL
.9 m	537-207-3	2. STLC		mg/l	Soil	
.9 m	537-207-3	3. STLC-DI		mg/l	Soil	
.9 m	537-207-3	4. TCLP		mg/l	Soil	
.9 m	537-207-3	5. PH			Soil	
3/29/2002 1.5 m	537-207-5	1. TTLC	ND		Soil	ATL
1.5 m	537-207-5	2. STLC		mg/kg	Soil	
				mg/l	Soil	

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1.5 m	537-207-5	3. STLC-DI	mg/l			Soil
1.5 m	537-207-5	4. TCLP	mg/l			Soil
1.5 m	537-207-5	5. PH				Soil
3/29/2002 surface	537-208-0	1. TTLC	130 mg/kg	5	4/1/2002	Soil ATL
3/29/2002 surface	537-208-0	2. STLC	2.9 mg/l	0.2	4/8/2002	Soil ATL
surface	537-208-0	3. STLC-DI	mg/l			Soil
surface	537-208-0	4. TCLP	mg/l			Soil
surface	537-208-0	5. PH				Soil
3/29/2002 .3 m	537-208-1	1. TTLC	9.8 mg/kg	5	4/1/2002	Soil ATL
.3 m	537-208-1	2. STLC	mg/l			Soil
.3 m	537-208-1	3. STLC-DI	mg/l			Soil
.3 m	537-208-1	4. TCLP	mg/l			Soil
.3 m	537-208-1	5. PH				Soil
3/29/2002 .6 m	537-208-2	1. TTLC	ND	5	4/1/2002	Soil ATL
.6 m	537-208-2	2. STLC	mg/l			Soil
.6 m	537-208-2	3. STLC-DI	mg/l			Soil
.6 m	537-208-2	4. TCLP	mg/l			Soil
.6 m	537-208-2	5. PH				Soil
.9 m	537-208-3	1. TTLC	mg/kg			Soil
.9 m	537-208-3	2. STLC	mg/l			Soil
.9 m	537-208-3	3. STLC-DI	mg/l			Soil
.9 m	537-208-3	4. TCLP	mg/l			Soil
.9 m	537-208-3	5. PH				Soil
1.5 m	537-208-5	1. TTLC	mg/kg			Soil
1.5 m	537-208-5	2. STLC	mg/l			Soil
1.5 m	537-208-5	3. STLC-DI	mg/l			Soil
1.5 m	537-208-5	4. TCLP	mg/l			Soil
1.5 m	537-208-5	5. PH				Soil
3/29/2002 surface	537-209-0	1. TTLC	140 mg/kg	5	4/1/2002	Soil ATL
3/29/2002 surface	537-209-0	2. STLC	7.7 mg/l	0.2	4/8/2002	Soil ATL
3/29/2002 surface	537-209-0	3. STLC-DI	mg/l	0.2	4/11/2002	Soil ATL
surface	537-209-0	4. TCLP	mg/l			Soil
surface	537-209-0	5. PH				Soil
3/29/2002 .3 m	537-209-1	1. TTLC	110 mg/kg	5	4/1/2002	Soil ATL
3/29/2002 .3 m	537-209-1	2. STLC	7.4 mg/l	0.2	4/8/2002	Soil ATL
3/29/2002 .3 m	537-209-1	3. STLC-DI	mg/l	0.2	4/11/2002	Soil ATL
.3 m	537-209-1	4. TCLP	mg/l			Soil
.3 m	537-209-1	5. PH				Soil

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.6 m	537-209-2	1. TTLC	mg/kg	Lead	Soil
.6 m	537-209-2	2. STLC	mg/l	Lead	Soil
.6 m	537-209-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	537-209-2	4. TCLP	mg/l	Lead	Soil
.6 m	537-209-2	5. PH			Soil
.9 m	537-209-3	1. TTLC	mg/kg	Lead	Soil
.9 m	537-209-3	2. STLC	mg/l	Lead	Soil
.9 m	537-209-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	537-209-3	4. TCLP	mg/l	Lead	Soil
.9 m	537-209-3	5. PH			Soil
1.5 m	537-209-5	1. TTLC	mg/kg	Lead	Soil
1.5 m	537-209-5	2. STLC	mg/l	Lead	Soil
1.5 m	537-209-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	537-209-5	4. TCLP	mg/l	Lead	Soil
1.5 m	537-209-5	5. PH			Soil
surface	537-210-0	1. TTLC	mg/kg	Lead	Soil
surface	537-210-0	2. STLC	mg/l	Lead	Soil
surface	537-210-0	3. STLC-DI	mg/l	Lead	Soil
surface	537-210-0	4. TCLP	mg/l	Lead	Soil
surface	537-210-0	5. PH			Soil
.3 m	537-210-1	1. TTLC	mg/kg	Lead	Soil
.3 m	537-210-1	2. STLC	mg/l	Lead	Soil
.3 m	537-210-1	3. STLC-DI	mg/l	Lead	Soil
.3 m	537-210-1	4. TCLP	mg/l	Lead	Soil
.3 m	537-210-1	5. PH			Soil
.6 m	537-210-2	1. TTLC	mg/kg	Lead	Soil
.6 m	537-210-2	2. STLC	mg/l	Lead	Soil
.6 m	537-210-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	537-210-2	4. TCLP	mg/l	Lead	Soil
.6 m	537-210-2	5. PH			Soil
.9 m	537-210-3	1. TTLC	mg/kg	Lead	Soil
.9 m	537-210-3	2. STLC	mg/l	Lead	Soil
.9 m	537-210-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	537-210-3	4. TCLP	mg/l	Lead	Soil
.9 m	537-210-3	5. PH			Soil
1.5 m	537-210-5	1. TTLC	mg/kg	Lead	Soil
1.5 m	537-210-5	2. STLC	mg/l	Lead	Soil
1.5 m	537-210-5	3. STLC-DI	mg/l	Lead	Soil

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Depth	Sample ID	Method	Concentration	Date	Soil Type	Lead	Soil Type
1.5 m	537-210-5	4. TCLP	mg/l		Soil	Lead	Soil
1.5 m	537-210-5	5. PH			Soil		Soil
3/25/2002 surface	538-101-0	1. TTLC	71.0 mg/kg		Soil	3/30/2002 Lead	ATL
surface	538-101-0	2. STLC	4.6 mg/l		Soil	4/8/2002 Lead	ATL
surface	538-101-0	3. STLC-DI	mg/l		Soil	Lead	
surface	538-101-0	4. TCLP	mg/l		Soil	Lead	
surface	538-101-0	5. PH	6.89		Soil	Lead	
3/25/2002 .3 m	538-101-1	1. TTLC	18 mg/kg		Soil	3/28/2002 Lead	ATL
.3 m	538-101-1	2. STLC	mg/l		Soil	3/30/2002 Lead	ATL
.3 m	538-101-1	3. STLC-DI	mg/l		Soil	Lead	
.3 m	538-101-1	4. TCLP	mg/l		Soil	Lead	
.3 m	538-101-1	5. PH	mg/l		Soil	Lead	
3/25/2002 .6 m	538-101-2	1. TTLC	9.8 mg/kg		Soil	3/30/2002 Lead	ATL
.6 m	538-101-2	2. STLC	mg/l		Soil	Lead	
.6 m	538-101-2	3. STLC-DI	mg/l		Soil	Lead	
.6 m	538-101-2	4. TCLP	mg/l		Soil	Lead	
.6 m	538-101-2	5. PH	mg/l		Soil	Lead	
3/25/2002 .9 m	538-101-3	1. TTLC	6.1 mg/kg		Soil	3/30/2002 Lead	ATL
.9 m	538-101-3	2. STLC	mg/l		Soil	Lead	
.9 m	538-101-3	3. STLC-DI	mg/l		Soil	Lead	
.9 m	538-101-3	4. TCLP	mg/l		Soil	Lead	
.9 m	538-101-3	5. PH	mg/l		Soil	Lead	
3/25/2002 1.5 m	538-101-5	1. TTLC	ND		Soil	3/30/2002 Lead	ATL
1.5 m	538-101-5	2. STLC	mg/l		Soil	Lead	
1.5 m	538-101-5	3. STLC-DI	mg/l		Soil	Lead	
1.5 m	538-101-5	4. TCLP	mg/l		Soil	Lead	
1.5 m	538-101-5	5. PH	mg/l		Soil	Lead	
3/25/2002 surface	538-102-0	1. TTLC	24 mg/kg		Soil	3/30/2002 Lead	ATL
surface	538-102-0	2. STLC	mg/l		Soil	Lead	
surface	538-102-0	3. STLC-DI	mg/l		Soil	Lead	
surface	538-102-0	4. TCLP	mg/l		Soil	Lead	
surface	538-102-0	5. PH	mg/l		Soil	Lead	
3/25/2002 .3 m	538-102-1	1. TTLC	19 mg/kg		Soil	3/30/2002 Lead	ATL
.3 m	538-102-1	2. STLC	mg/l		Soil	Lead	
.3 m	538-102-1	3. STLC-DI	mg/l		Soil	Lead	
.3 m	538-102-1	4. TCLP	mg/l		Soil	Lead	
.3 m	538-102-1	5. PH	mg/l		Soil	Lead	
3/25/2002 .6 m	538-102-2	1. TTLC	11 mg/kg		Soil	3/30/2002 Lead	ATL

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.6 m	538-102-2	2. STLC	mg/l			Soil	
.6 m	538-102-2	3. STLC-DI	mg/l			Soil	
.6 m	538-102-2	4. TCLP	mg/l			Soil	
.6 m	538-102-2	5. PH				Soil	
3/25/2002 .9 m	538-102-3	1. TTLC	15 mg/kg	5	3/30/2002	Soil	ATL
.9 m	538-102-3	2. STLC	mg/l			Soil	
.9 m	538-102-3	3. STLC-DI	mg/l			Soil	
.9 m	538-102-3	4. TCLP	mg/l			Soil	
.9 m	538-102-3	5. PH				Soil	
3/25/2002 1.5 m	538-102-5	1. TTLC	5.6 mg/kg	5	3/30/2002	Soil	ATL
1.5 m	538-102-5	2. STLC	mg/l			Soil	
1.5 m	538-102-5	3. STLC-DI	mg/l			Soil	
1.5 m	538-102-5	4. TCLP	mg/l			Soil	
1.5 m	538-102-5	5. PH				Soil	
3/25/2002 surface	538-103-0	1. TTLC	100 mg/kg	5	3/30/2002	Soil	ATL
3/25/2002 surface	538-103-0	2. STLC	4.8 mg/l	0.2	4/8/2002	Soil	ATL
surface	538-103-0	3. STLC-DI	mg/l			Soil	
surface	538-103-0	4. TCLP	mg/l			Soil	
3/25/2002 surface	538-103-0	5. PH	5.13			Soil	ATL
3/25/2002 .3 m	538-103-1	1. TTLC	110 mg/kg	5	3/30/2002	Soil	ATL
3/25/2002 .3 m	538-103-1	2. STLC	12 mg/l	0.2	4/8/2002	Soil	ATL
3/25/2002 .3 m	538-103-1	3. STLC-DI	mg/l	0.2	4/11/2002	Soil	ATL
.3 m	538-103-1	4. TCLP	mg/l			Soil	
.3 m	538-103-1	5. PH				Soil	
3/25/2002 .6 m	538-103-2	1. TTLC	81 mg/kg	5	3/30/2002	Soil	ATL
.6 m	538-103-2	2. STLC	5 mg/l	0.2	4/8/2002	Soil	ATL
.6 m	538-103-2	3. STLC-DI	mg/l			Soil	
.6 m	538-103-2	4. TCLP	mg/l			Soil	
.6 m	538-103-2	5. PH				Soil	
.9 m	538-103-3	1. TTLC	mg/kg			Soil	
.9 m	538-103-3	2. STLC	mg/l			Soil	
.9 m	538-103-3	3. STLC-DI	mg/l			Soil	
.9 m	538-103-3	4. TCLP	mg/l			Soil	
.9 m	538-103-3	5. PH				Soil	
1.5 m	538-103-5	1. TTLC	mg/kg			Soil	
1.5 m	538-103-5	2. STLC	mg/l			Soil	
1.5 m	538-103-5	3. STLC-DI	mg/l			Soil	
1.5 m	538-103-5	4. TCLP	mg/l			Soil	



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3/25/2002	.6 m	538-105-2	3. STLC-DI	mg/l		Soil				
	.6 m	538-105-2	4. TCLP	mg/l		Soil				
	.6 m	538-105-2	5. PH	6.78	0.1	Soil	ATL			
3/25/2002	.9 m	538-105-3	1. TTLC	10 mg/kg	5	Soil	ATL			
	.9 m	538-105-3	2. STLC	mg/l		Soil				
	.9 m	538-105-3	3. STLC-DI	mg/l		Soil				
	.9 m	538-105-3	4. TCLP	mg/l		Soil				
	.9 m	538-105-3	5. PH	mg/l		Soil				
3/25/2002	1.5 m	538-105-5	1. TTLC	5.9 mg/kg	5	Soil	ATL			
	1.5 m	538-105-5	2. STLC	mg/l		Soil				
	1.5 m	538-105-5	3. STLC-DI	mg/l		Soil				
	1.5 m	538-105-5	4. TCLP	mg/l		Soil				
	1.5 m	538-105-5	5. PH	mg/l		Soil				
3/25/2002	surface	538-106-0	1. TTLC	9.5 mg/kg	5	Soil	ATL			
	surface	538-106-0	2. STLC	mg/l		Soil				
	surface	538-106-0	3. STLC-DI	mg/l		Soil				
	surface	538-106-0	4. TCLP	mg/l		Soil				
	surface	538-106-0	5. PH	mg/l		Soil				
3/25/2002	.3 m	538-106-1	1. TTLC	ND		Soil	ATL			
	.3 m	538-106-1	2. STLC	mg/l		Soil				
	.3 m	538-106-1	3. STLC-DI	mg/l		Soil				
	.3 m	538-106-1	4. TCLP	mg/l		Soil				
	.3 m	538-106-1	5. PH	mg/l		Soil				
3/25/2002	.6 m	538-106-2	1. TTLC	ND		Soil	ATL			
	.6 m	538-106-2	2. STLC	mg/l		Soil				
	.6 m	538-106-2	3. STLC-DI	mg/l		Soil				
	.6 m	538-106-2	4. TCLP	mg/l		Soil				
	.6 m	538-106-2	5. PH	mg/l		Soil				
3/25/2002	.9 m	538-106-3	1. TTLC	5.2 mg/kg	5	Soil	ATL			
	.9 m	538-106-3	2. STLC	mg/l		Soil				
	.9 m	538-106-3	3. STLC-DI	mg/l		Soil				
	.9 m	538-106-3	4. TCLP	mg/l		Soil				
	.9 m	538-106-3	5. PH	mg/l		Soil				
3/25/2002	1.5 m	538-106-5	1. TTLC	ND		Soil	ATL			
	1.5 m	538-106-5	2. STLC	mg/kg	5	Soil				
	1.5 m	538-106-5	3. STLC-DI	mg/l		Soil				
	1.5 m	538-106-5	4. TCLP	mg/l		Soil				
	1.5 m	538-106-5	5. PH	mg/l		Soil				

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3/25/2002 surface	538-107-0	1. TTLC	120 mg/kg	5	3/30/2002	Lead	Soil	ATL
3/25/2002 surface	538-107-0	2. STLC	7.1 mg/l	0.2	4/8/2002	Lead	Soil	ATL
3/25/2002 surface	538-107-0	3. STLC-DI	ND	0.2	4/11/2002	Lead	Soil	ATL
surface	538-107-0	4. TCLP	mg/l			Lead	Soil	
surface	538-107-0	5. PH	mg/l				Soil	
3/25/2002 .3 m	538-107-1	1. TTLC	7.7 mg/kg	5	3/30/2002	Lead	Soil	ATL
.3 m	538-107-1	2. STLC	mg/l			Lead	Soil	
.3 m	538-107-1	3. STLC-DI	mg/l			Lead	Soil	
.3 m	538-107-1	4. TCLP	mg/l			Lead	Soil	
.3 m	538-107-1	5. PH	mg/l				Soil	
3/25/2002 .6 m	538-107-2	1. TTLC	8 mg/kg	5	3/30/2002	Lead	Soil	ATL
.6 m	538-107-2	2. STLC	mg/l			Lead	Soil	
.6 m	538-107-2	3. STLC-DI	mg/l			Lead	Soil	
.6 m	538-107-2	4. TCLP	mg/l			Lead	Soil	
3/25/2002 .6 m	538-107-2	5. PH	7.03	0.1	3/28/2002	Lead	Soil	ATL
3/25/2002 .9 m	538-107-3	1. TTLC	5.9 mg/kg	5	3/30/2002	Lead	Soil	ATL
.9 m	538-107-3	2. STLC	mg/l			Lead	Soil	
.9 m	538-107-3	3. STLC-DI	mg/l			Lead	Soil	
.9 m	538-107-3	4. TCLP	mg/l			Lead	Soil	
.9 m	538-107-3	5. PH	mg/l				Soil	
3/25/2002 1.5 m	538-107-5	1. TTLC	27 mg/kg	5	3/30/2002	Lead	Soil	ATL
1.5 m	538-107-5	2. STLC	mg/l			Lead	Soil	
1.5 m	538-107-5	3. STLC-DI	mg/l			Lead	Soil	
1.5 m	538-107-5	4. TCLP	mg/l			Lead	Soil	
1.5 m	538-107-5	5. PH	mg/l				Soil	
3/25/2002 surface	538-108-0	1. TTLC	69 mg/kg	5	3/30/2002	Lead	Soil	ATL
3/25/2002 surface	538-108-0	2. STLC	5.2 mg/l	0.2	4/8/2002	Lead	Soil	ATL
3/25/2002 surface	538-108-0	3. STLC-DI	0.24 mg/l	0.2	4/11/2002	Lead	Soil	ATL
surface	538-108-0	4. TCLP	mg/l			Lead	Soil	
surface	538-108-0	5. PH	mg/l				Soil	
3/25/2002 .3 m	538-108-1	1. TTLC	5.5 mg/kg	5	3/30/2002	Lead	Soil	ATL
.3 m	538-108-1	2. STLC	mg/l			Lead	Soil	
.3 m	538-108-1	3. STLC-DI	mg/l			Lead	Soil	
.3 m	538-108-1	4. TCLP	mg/l			Lead	Soil	
.3 m	538-108-1	5. PH	mg/l				Soil	
3/25/2002 .6 m	538-108-2	1. TTLC	12 mg/kg	5	3/30/2002	Lead	Soil	ATL
.6 m	538-108-2	2. STLC	mg/l			Lead	Soil	
.6 m	538-108-2	3. STLC-DI	mg/l			Lead	Soil	

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Depth	Sample ID	Method	Concentration	Date	Media
.6 m	538-108-2	4. TCLP	mg/l		Soil
.6 m	538-108-2	5. PH			Soil
.9 m	538-108-3	1. TTLC	mg/kg		Soil
.9 m	538-108-3	2. STLC	mg/l		Soil
.9 m	538-108-3	3. STLC-DI	mg/l		Soil
.9 m	538-108-3	4. TCLP	mg/l		Soil
.9 m	538-108-3	5. PH			Soil
1.5 m	538-108-5	1. TTLC	mg/kg		Soil
1.5 m	538-108-5	2. STLC	mg/l		Soil
1.5 m	538-108-5	3. STLC-DI	mg/l		Soil
1.5 m	538-108-5	4. TCLP	mg/l		Soil
1.5 m	538-108-5	5. PH			Soil
3/25/2002 surface	538-109-0	1. TTLC	77 mg/kg	3/30/2002	Soil
3/25/2002 surface	538-109-0	2. STLC	5.4 mg/l	4/8/2002	Soil
3/25/2002 surface	538-109-0	3. STLC-DI	ND	4/11/2002	Soil
surface	538-109-0	4. TCLP	mg/l		Soil
surface	538-109-0	5. PH			Soil
3/25/2002 .3 m	538-109-1	1. TTLC	mg/kg	3/30/2002	Soil
.3 m	538-109-1	2. STLC	mg/l		Soil
.3 m	538-109-1	3. STLC-DI	mg/l		Soil
.3 m	538-109-1	4. TCLP	mg/l		Soil
.3 m	538-109-1	5. PH			Soil
3/25/2002 .6 m	538-109-2	1. TTLC	7.7 mg/kg	3/30/2002	Soil
.6 m	538-109-2	2. STLC	mg/l		Soil
.6 m	538-109-2	3. STLC-DI	mg/l		Soil
.6 m	538-109-2	4. TCLP	mg/l		Soil
.6 m	538-109-2	5. PH			Soil
3/25/2002 .9 m	538-109-3	1. TTLC	mg/kg	3/30/2002	Soil
.9 m	538-109-3	2. STLC	mg/l		Soil
.9 m	538-109-3	3. STLC-DI	mg/l		Soil
.9 m	538-109-3	4. TCLP	mg/l		Soil
.9 m	538-109-3	5. PH			Soil
1.5 m	538-109-5	1. TTLC	mg/kg		Soil
1.5 m	538-109-5	2. STLC	mg/l		Soil
1.5 m	538-109-5	3. STLC-DI	mg/l		Soil
1.5 m	538-109-5	4. TCLP	mg/l		Soil
1.5 m	538-109-5	5. PH			Soil
3/25/2002 surface	538-110-0	1. TTLC	53 mg/kg	3/30/2002	Soil

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3/25/2002	surface	538-110-0	2. STLC	1.4 mg/l	0.2	4/8/2002	Lead	Soil	ATL
	surface	538-110-0	3. STLC-DI	mg/l			Lead	Soil	
	surface	538-110-0	4. TCLP	mg/l			Lead	Soil	
3/25/2002	surface	538-110-0	5. PH	7.07	0.1	3/28/2002	Lead	Soil	ATL
3/25/2002	.3 m	538-110-1	1. TTLC	10 mg/kg	5	3/30/2002	Lead	Soil	ATL
	.3 m	538-110-1	2. STLC	mg/l			Lead	Soil	
	.3 m	538-110-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	538-110-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	538-110-1	5. PH	mg/l			Lead	Soil	
3/25/2002	.6 m	538-110-2	1. TTLC	8.7 mg/kg	5	3/30/2002	Lead	Soil	ATL
	.6 m	538-110-2	2. STLC	mg/l			Lead	Soil	
	.6 m	538-110-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	538-110-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	538-110-2	5. PH	mg/l			Lead	Soil	
3/25/2002	.9 m	538-110-3	1. TTLC	7.8 mg/kg	5	3/30/2002	Lead	Soil	ATL
	.9 m	538-110-3	2. STLC	mg/l			Lead	Soil	
	.9 m	538-110-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	538-110-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	538-110-3	5. PH	mg/l			Lead	Soil	
3/25/2002	1.5 m	538-110-5	1. TTLC	ND	5	3/30/2002	Lead	Soil	ATL
	1.5 m	538-110-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	538-110-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	538-110-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	538-110-5	5. PH	mg/l			Lead	Soil	
3/25/2002	surface	538-111-0	1. TTLC	30 mg/kg	5	3/30/2002	Lead	Soil	ATL
	surface	538-111-0	2. STLC	mg/l			Lead	Soil	
	surface	538-111-0	3. STLC-DI	mg/l			Lead	Soil	
	surface	538-111-0	4. TCLP	mg/l			Lead	Soil	
	surface	538-111-0	5. PH	mg/l			Lead	Soil	
3/25/2002	.3 m	538-111-1	1. TTLC	7.3 mg/kg	5	3/30/2002	Lead	Soil	ATL
	.3 m	538-111-1	2. STLC	mg/l			Lead	Soil	
	.3 m	538-111-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	538-111-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	538-111-1	5. PH	mg/l			Lead	Soil	
3/25/2002	.6 m	538-111-2	1. TTLC	6.9 mg/kg	5	3/30/2002	Lead	Soil	ATL
	.6 m	538-111-2	2. STLC	mg/l			Lead	Soil	
	.6 m	538-111-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	538-111-2	4. TCLP	mg/l			Lead	Soil	

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Depth	Sample ID	Method	Result	Unit	Date	Matrix	ATL
.6 m	538-111-2	5. PH				Soil	
3/25/2002	538-111-3	1. TTLC	6.6	mg/kg		Soil	ATL
.9 m	538-111-3	2. STLC		mg/l	3/30/2002	Soil	
.9 m	538-111-3	3. STLC-DI		mg/l		Soil	
.9 m	538-111-3	4. TCLP		mg/l		Soil	
.9 m	538-111-3	5. PH				Soil	
3/25/2002	538-111-5	1. TTLC	ND	mg/kg		Soil	ATL
1.5 m	538-111-5	2. STLC		mg/l	3/30/2002	Soil	
1.5 m	538-111-5	3. STLC-DI		mg/l		Soil	
1.5 m	538-111-5	4. TCLP		mg/l		Soil	
1.5 m	538-111-5	5. PH				Soil	
3/25/2002	538-112-0	1. TTLC	43	mg/kg		Soil	ATL
3/25/2002	538-112-0	2. STLC	5.9	mg/l	4/8/2002	Soil	ATL
3/25/2002	538-112-0	3. STLC-DI	ND	mg/l	4/11/2002	Soil	ATL
surface	538-112-0	4. TCLP		mg/l		Soil	
3/25/2002	538-112-0	5. PH	6.47	mg/l	3/28/2002	Soil	ATL
3/25/2002	538-112-1	1. TTLC	39	mg/kg		Soil	ATL
.3 m	538-112-1	2. STLC		mg/l	3/30/2002	Soil	
.3 m	538-112-1	3. STLC-DI		mg/l		Soil	
.3 m	538-112-1	4. TCLP		mg/l		Soil	
.3 m	538-112-1	5. PH				Soil	
3/25/2002	538-112-2	1. TTLC	18	mg/kg		Soil	ATL
.6 m	538-112-2	2. STLC		mg/l	3/30/2002	Soil	
.6 m	538-112-2	3. STLC-DI		mg/l		Soil	
.6 m	538-112-2	4. TCLP		mg/l		Soil	
.6 m	538-112-2	5. PH				Soil	
.9 m	538-112-3	1. TTLC		mg/kg		Soil	
.9 m	538-112-3	2. STLC		mg/l		Soil	
.9 m	538-112-3	3. STLC-DI		mg/l		Soil	
.9 m	538-112-3	4. TCLP		mg/l		Soil	
.9 m	538-112-3	5. PH				Soil	
1.5 m	538-112-5	1. TTLC		mg/kg		Soil	
1.5 m	538-112-5	2. STLC		mg/l		Soil	
1.5 m	538-112-5	3. STLC-DI		mg/l		Soil	
1.5 m	538-112-5	4. TCLP		mg/l		Soil	
1.5 m	538-112-5	5. PH				Soil	
3/25/2002	538-113-0	1. TTLC	130	mg/kg		Soil	ATL
3/25/2002	538-113-0	2. STLC	6.3	mg/l	3/30/2002	Soil	
surface					4/8/2002	Soil	

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3/25/2002	surface	538-113-0	3. STLC-DI	ND	mg/l					Soil	
	surface	538-113-0	4. TCLP		mg/l	0.2	4/11/2002	Lead		Soil	
	surface	538-113-0	5. PH							Soil	
3/25/2002	.3 m	538-113-1	1. TTLC		7 mg/kg	5.0	3/30/2002	Lead		Soil	ATL
	.3 m	538-113-1	2. STLC		mg/l			Lead		Soil	
	.3 m	538-113-1	3. STLC-DI		mg/l			Lead		Soil	
	.3 m	538-113-1	4. TCLP		mg/l			Lead		Soil	
	.3 m	538-113-1	5. PH							Soil	
3/25/2002	.6 m	538-113-2	1. TTLC		8.3 mg/kg	5.0	3/30/2002	Lead		Soil	ATL
	.6 m	538-113-2	2. STLC		mg/l			Lead		Soil	
	.6 m	538-113-2	3. STLC-DI		mg/l			Lead		Soil	
	.6 m	538-113-2	4. TCLP		mg/l			Lead		Soil	
	.6 m	538-113-2	5. PH							Soil	
3/25/2002	.9 m	538-113-3	1. TTLC		7.2 mg/kg	5.0	3/30/2002	Lead		Soil	ATL
	.9 m	538-113-3	2. STLC		mg/l			Lead		Soil	
	.9 m	538-113-3	3. STLC-DI		mg/l			Lead		Soil	
	.9 m	538-113-3	4. TCLP		mg/l			Lead		Soil	
	.9 m	538-113-3	5. PH							Soil	
3/25/2002	1.5 m	538-113-5	1. TTLC		20 mg/kg	5.0	3/30/2002	Lead		Soil	ATL
	1.5 m	538-113-5	2. STLC		mg/l			Lead		Soil	
	1.5 m	538-113-5	3. STLC-DI		mg/l			Lead		Soil	
	1.5 m	538-113-5	4. TCLP		mg/l			Lead		Soil	
	1.5 m	538-113-5	5. PH							Soil	
3/25/2002	surface	538-114-0	1. TTLC		37 mg/kg	5	3/30/2002	Lead		Soil	ATL
	surface	538-114-0	2. STLC		mg/l			Lead		Soil	
	surface	538-114-0	3. STLC-DI		mg/l			Lead		Soil	
	surface	538-114-0	4. TCLP		mg/l			Lead		Soil	
	surface	538-114-0	5. PH							Soil	
3/25/2002	.3 m	538-114-1	1. TTLC		6.9 mg/kg	5	3/30/2002	Lead		Soil	ATL
	.3 m	538-114-1	2. STLC		mg/l			Lead		Soil	
	.3 m	538-114-1	3. STLC-DI		mg/l			Lead		Soil	
	.3 m	538-114-1	4. TCLP		mg/l			Lead		Soil	
	.3 m	538-114-1	5. PH							Soil	
3/25/2002	.6 m	538-114-2	1. TTLC		14 mg/kg	5	3/30/2002	Lead		Soil	ATL
	.6 m	538-114-2	2. STLC		mg/l			Lead		Soil	
	.6 m	538-114-2	3. STLC-DI		mg/l			Lead		Soil	
	.6 m	538-114-2	4. TCLP		mg/l			Lead		Soil	
	.6 m	538-114-2	5. PH		6.45	0.1	3/28/2002	Lead		Soil	ATL

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.9 m	538-114-3	1. TTLC	mg/kg		Soil	Lead			
.9 m	538-114-3	2. STLC	mg/l		Soil	Lead			
.9 m	538-114-3	3. STLC-DI	mg/l		Soil	Lead			
.9 m	538-114-3	4. TCLP	mg/l		Soil	Lead			
.9 m	538-114-3	5. PH	mg/l		Soil	Lead			
1.5 m	538-114-5	1. TTLC	mg/kg		Soil	Lead			
1.5 m	538-114-5	2. STLC	mg/l		Soil	Lead			
1.5 m	538-114-5	3. STLC-DI	mg/l		Soil	Lead			
1.5 m	538-114-5	4. TCLP	mg/l		Soil	Lead			
1.5 m	538-114-5	5. PH	mg/l		Soil	Lead			
3/25/2002 surface	538-115-0	1. TTLC	130 mg/kg	5	Soil	Lead	3/30/2002	ATL	
3/25/2002 surface	538-115-0	2. STLC	7.6 mg/l	0.2	Soil	Lead	4/8/2002	ATL	
3/25/2002 surface	538-115-0	3. STLC-DI	ND	0.2	Soil	Lead	4/11/2002	ATL	
surface	538-115-0	4. TCLP	mg/l		Soil	Lead			
surface	538-115-0	5. PH	mg/l		Soil	Lead			
3/25/2002 .3 m	538-115-1	1. TTLC	6.9 mg/kg	5	Soil	Lead	3/30/2002	ATL	
.3 m	538-115-1	2. STLC	mg/l		Soil	Lead			
.3 m	538-115-1	3. STLC-DI	mg/l		Soil	Lead			
.3 m	538-115-1	4. TCLP	mg/l		Soil	Lead			
.3 m	538-115-1	5. PH	mg/l		Soil	Lead			
3/25/2002 .6 m	538-115-2	1. TTLC	66 mg/kg	5	Soil	Lead	3/30/2002	ATL	
3/25/2002 .6 m	538-115-2	2. STLC	3.9 mg/l	0.2	Soil	Lead	4/8/2002	ATL	
.6 m	538-115-2	3. STLC-DI	mg/l		Soil	Lead			
.6 m	538-115-2	4. TCLP	mg/l		Soil	Lead			
.6 m	538-115-2	5. PH	mg/l		Soil	Lead			
.9 m	538-115-3	1. TTLC	mg/kg		Soil	Lead			
.9 m	538-115-3	2. STLC	mg/l		Soil	Lead			
.9 m	538-115-3	3. STLC-DI	mg/l		Soil	Lead			
.9 m	538-115-3	4. TCLP	mg/l		Soil	Lead			
.9 m	538-115-3	5. PH	mg/l		Soil	Lead			
1.5 m	538-115-5	1. TTLC	mg/kg		Soil	Lead			
1.5 m	538-115-5	2. STLC	mg/l		Soil	Lead			
1.5 m	538-115-5	3. STLC-DI	mg/l		Soil	Lead			
1.5 m	538-115-5	4. TCLP	mg/l		Soil	Lead			
1.5 m	538-115-5	5. PH	mg/l		Soil	Lead			
3/25/2002 surface	538-116-0	1. TTLC	120 mg/kg	5	Soil	Lead	3/30/2002	ATL	
3/25/2002 surface	538-116-0	2. STLC	7.5 mg/l	0.2	Soil	Lead	4/8/2002	ATL	
3/25/2002 surface	538-116-0	3. STLC-DI	ND	0.2	Soil	Lead	4/11/2002	ATL	

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Surface	Sample ID	Method	Concentration	Date	Soil Type	Lead	Soil
surface	538-116-0	4. TCLP	mg/l		Soil	Lead	Soil
surface	538-116-0	5. PH			Soil		Soil
3/25/2002	538-116-1	1. TTLC	20 mg/kg		Soil	3/30/2002 Lead	ATL
	538-116-1	2. STLC	mg/l		Soil	Lead	Soil
	538-116-1	3. STLC-DI	mg/l		Soil	Lead	Soil
	538-116-1	4. TCLP	mg/l		Soil	Lead	Soil
	538-116-1	5. PH			Soil		Soil
3/25/2002	538-116-2	1. TTLC	56 mg/kg		Soil	3/30/2002 Lead	ATL
3/25/2002	538-116-2	2. STLC	3.3 mg/l		Soil	4/8/2002 Lead	ATL
	538-116-2	3. STLC-DI	mg/l		Soil	Lead	Soil
	538-116-2	4. TCLP	mg/l		Soil	Lead	Soil
	538-116-2	5. PH			Soil		Soil
	538-116-3	1. TTLC	mg/kg		Soil	Lead	Soil
	538-116-3	2. STLC	mg/l		Soil	Lead	Soil
	538-116-3	3. STLC-DI	mg/l		Soil	Lead	Soil
	538-116-3	4. TCLP	mg/l		Soil	Lead	Soil
	538-116-3	5. PH			Soil		Soil
	538-116-5	1. TTLC	mg/kg		Soil	Lead	Soil
	538-116-5	2. STLC	mg/l		Soil	Lead	Soil
	538-116-5	3. STLC-DI	mg/l		Soil	Lead	Soil
	538-116-5	4. TCLP	mg/l		Soil	Lead	Soil
	538-116-5	5. PH			Soil		Soil
3/25/2002	538-117-0	1. TTLC	56 mg/kg		Soil	3/30/2002 Lead	ATL
3/25/2002	538-117-0	2. STLC	2.6 mg/l		Soil	4/8/2002 Lead	ATL
	538-117-0	3. STLC-DI	mg/l		Soil	Lead	Soil
	538-117-0	4. TCLP	mg/l		Soil	Lead	Soil
	538-117-0	5. PH			Soil		Soil
3/25/2002	538-117-1	1. TTLC	23 mg/kg		Soil	3/30/2002 Lead	ATL
	538-117-1	2. STLC	mg/l		Soil	Lead	Soil
	538-117-1	3. STLC-DI	mg/l		Soil	Lead	Soil
	538-117-1	4. TCLP	mg/l		Soil	Lead	Soil
	538-117-1	5. PH			Soil		Soil
3/25/2002	538-117-2	1. TTLC	6.6 mg/kg		Soil	3/30/2002 Lead	ATL
	538-117-2	2. STLC	mg/l		Soil	Lead	Soil
	538-117-2	3. STLC-DI	mg/l		Soil	Lead	Soil
	538-117-2	4. TCLP	mg/l		Soil	Lead	Soil
	538-117-2	5. PH			Soil		Soil
3/25/2002	538-117-3	1. TTLC	5.8 mg/kg		Soil	3/30/2002 Lead	ATL

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538-117-3	.9 m	2. STLC	mg/l			Soil	
538-117-3	.9 m	3. STLC-DI	mg/l			Soil	
538-117-3	.9 m	4. TCLP	mg/l			Soil	
3/25/2002 538-117-3	.9 m	5. PH	8.03	0.1	3/28/2002	Soil	ATL
3/25/2002 538-117-5	1.5 m	1. TTLC	10 mg/kg	5	3/30/2002	Soil	ATL
538-117-5	1.5 m	2. STLC	mg/l			Soil	
538-117-5	1.5 m	3. STLC-DI	mg/l			Soil	
538-117-5	1.5 m	4. TCLP	mg/l			Soil	
538-117-5	1.5 m	5. PH	mg/l			Soil	
3/25/2002 538-118-0	surface	1. TTLC	74 mg/kg	5	3/30/2002	Soil	ATL
3/25/2002 538-118-0	surface	2. STLC	3.8 mg/l	0.2	4/8/2002	Soil	ATL
538-118-0	surface	3. STLC-DI	mg/l			Soil	
538-118-0	surface	4. TCLP	mg/l			Soil	
538-118-0	surface	5. PH	mg/l			Soil	
3/25/2002 538-118-1	.3 m	1. TTLC	6.2 mg/kg	5	3/30/2002	Soil	ATL
538-118-1	.3 m	2. STLC	mg/l			Soil	
538-118-1	.3 m	3. STLC-DI	mg/l			Soil	
538-118-1	.3 m	4. TCLP	mg/l			Soil	
538-118-1	.3 m	5. PH	mg/l			Soil	
3/25/2002 538-118-2	.6 m	1. TTLC	mg/kg	5	3/30/2002	Soil	ATL
538-118-2	.6 m	2. STLC	mg/l			Soil	
538-118-2	.6 m	3. STLC-DI	mg/l			Soil	
538-118-2	.6 m	4. TCLP	mg/l			Soil	
538-118-2	.6 m	5. PH	mg/l			Soil	
3/25/2002 538-118-3	.9 m	1. TTLC	mg/kg	5	3/30/2002	Soil	ATL
538-118-3	.9 m	2. STLC	mg/l			Soil	
538-118-3	.9 m	3. STLC-DI	mg/l			Soil	
538-118-3	.9 m	4. TCLP	mg/l			Soil	
538-118-3	.9 m	5. PH	mg/l			Soil	
3/25/2002 538-118-5	1.5 m	1. TTLC	mg/kg	5	3/30/2002	Soil	ATL
538-118-5	1.5 m	2. STLC	mg/l			Soil	
538-118-5	1.5 m	3. STLC-DI	mg/l			Soil	
538-118-5	1.5 m	4. TCLP	mg/l			Soil	
538-118-5	1.5 m	5. PH	mg/l			Soil	
3/25/2002 538-119-0	surface	1. TTLC	83 mg/kg	5	3/30/2002	Soil	ATL
3/25/2002 538-119-0	surface	2. STLC	3.4 mg/l	0.2	4/8/2002	Soil	ATL
538-119-0	surface	3. STLC-DI	mg/l			Soil	
538-119-0	surface	4. TCLP	mg/l			Soil	



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.9 m	538-120-3	3. STLC-DI	mg/l			Soil
.9 m	538-120-3	4. TCLP	mg/l			Soil
.9 m	538-120-3	5. PH				Soil
1.5 m	538-120-5	1. TTLC	mg/kg			Soil
1.5 m	538-120-5	2. STLC	mg/l			Soil
1.5 m	538-120-5	3. STLC-DI	mg/l			Soil
1.5 m	538-120-5	4. TCLP	mg/l			Soil
1.5 m	538-120-5	5. PH				Soil
3/25/2002 surface	538-121-0	1. TTLC	140.0 mg/kg	5	3/30/2002	Soil ATL
3/25/2002 surface	538-121-0	2. STLC	8.9 mg/l	0.2	4/8/2002	Soil ATL
3/25/2002 surface	538-121-0	3. STLC-DI	mg/l	0.2	4/11/2002	Soil ATL
surface	538-121-0	4. TCLP	mg/l			Soil
surface	538-121-0	5. PH				Soil
3/25/2002 .3 m	538-121-1	1. TTLC	11 mg/kg	5	3/30/2002	Soil ATL
.3 m	538-121-1	2. STLC	mg/l			Soil
.3 m	538-121-1	3. STLC-DI	mg/l			Soil
.3 m	538-121-1	4. TCLP	mg/l			Soil
.3 m	538-121-1	5. PH				Soil
3/25/2002 .6 m	538-121-2	1. TTLC	15 mg/kg	5	3/30/2002	Soil ATL
.6 m	538-121-2	2. STLC	mg/l			Soil
.6 m	538-121-2	3. STLC-DI	mg/l			Soil
.6 m	538-121-2	4. TCLP	mg/l			Soil
.6 m	538-121-2	5. PH				Soil
3/25/2002 .9 m	538-121-3	1. TTLC	8.8 mg/kg	5	3/30/2002	Soil ATL
.9 m	538-121-3	2. STLC	mg/l			Soil
.9 m	538-121-3	3. STLC-DI	mg/l			Soil
.9 m	538-121-3	4. TCLP	mg/l			Soil
.9 m	538-121-3	5. PH				Soil
1.5 m	538-121-5	1. TTLC	mg/kg			Soil
1.5 m	538-121-5	2. STLC	mg/l			Soil
1.5 m	538-121-5	3. STLC-DI	mg/l			Soil
1.5 m	538-121-5	4. TCLP	mg/l			Soil
1.5 m	538-121-5	5. PH				Soil
3/25/2002 surface	538-122-0	1. TTLC	80 mg/kg	5	3/30/2002	Soil ATL
3/25/2002 surface	538-122-0	2. STLC	6.1 mg/l	0.2	4/8/2002	Soil ATL
3/25/2002 surface	538-122-0	3. STLC-DI	mg/l	0.2	4/11/2002	Soil ATL
surface	538-122-0	4. TCLP	mg/l			Soil
surface	538-122-0	5. PH				Soil

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3/25/2002	.3 m	538-122-1	1. TTLC	37 mg/kg	5	3/30/2002	Lead	Soil	ATL
	.3 m	538-122-1	2. STLC	mg/l			Lead	Soil	
	.3 m	538-122-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	538-122-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	538-122-1	5. PH					Soil	
3/25/2002	.6 m	538-122-2	1. TTLC	10 mg/kg	5	3/30/2002	Lead	Soil	ATL
	.6 m	538-122-2	2. STLC	mg/l			Lead	Soil	
	.6 m	538-122-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	538-122-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	538-122-2	5. PH					Soil	
3/25/2002	.9 m	538-122-3	1. TTLC	7.6 mg/kg	5	3/30/2002	Lead	Soil	ATL
	.9 m	538-122-3	2. STLC	mg/l	0.2	4/8/2002	Lead	Soil	ATL
	.9 m	538-122-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	538-122-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	538-122-3	5. PH	6.34	0.1	3/28/2002	Lead	Soil	ATL
3/25/2002	1.5 m	538-122-5	1. TTLC	8.5 mg/kg	5	3/30/2002	Lead	Soil	ATL
	1.5 m	538-122-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	538-122-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	538-122-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	538-122-5	5. PH					Soil	
3/25/2002	surface	538-123-0	1. TTLC	190 mg/kg	5	3/30/2002	Lead	Soil	ATL
	surface	538-123-0	2. STLC	9 mg/l	0.2	4/8/2002	Lead	Soil	ATL
	surface	538-123-0	3. STLC-DI	mg/l	0.2	4/11/2002	Lead	Soil	ATL
	surface	538-123-0	4. TCLP	mg/l			Lead	Soil	
	surface	538-123-0	5. PH					Soil	
3/25/2002	.3 m	538-123-1	1. TTLC	110 mg/kg	5	3/30/2002	Lead	Soil	ATL
	.3 m	538-123-1	2. STLC	5.8 mg/l	0.2	4/8/2002	Lead	Soil	ATL
	.3 m	538-123-1	3. STLC-DI	mg/l	0.2	4/11/2002	Lead	Soil	ATL
	.3 m	538-123-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	538-123-1	5. PH					Soil	
	.6 m	538-123-2	1. TTLC	mg/kg			Lead	Soil	
	.6 m	538-123-2	2. STLC	mg/l			Lead	Soil	
	.6 m	538-123-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	538-123-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	538-123-2	5. PH					Soil	
	.9 m	538-123-3	1. TTLC	mg/kg			Lead	Soil	
	.9 m	538-123-3	2. STLC	mg/l			Lead	Soil	
	.9 m	538-123-3	3. STLC-DI	mg/l			Lead	Soil	

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538-123-3	.9 m	4. TCLP	mg/l	Lead	Soil	
538-123-3	.9 m	5. PH		Lead	Soil	
538-123-5	1.5 m	1. TTLC	mg/kg	Lead	Soil	
538-123-5	1.5 m	2. STLC	mg/l	Lead	Soil	
538-123-5	1.5 m	3. STLC-DI	mg/l	Lead	Soil	
538-123-5	1.5 m	4. TCLP	mg/l	Lead	Soil	
538-123-5	1.5 m	5. PH	mg/l	Lead	Soil	
3/25/2002	surface	1. TTLC	48 mg/kg	Lead	Soil	ATL
538-124-0	surface	2. STLC	mg/l	Lead	Soil	
538-124-0	surface	3. STLC-DI	mg/l	Lead	Soil	
538-124-0	surface	4. TCLP	mg/l	Lead	Soil	
538-124-0	surface	5. PH	mg/l	Lead	Soil	
3/25/2002	.3 m	1. TTLC	8.1 mg/kg	Lead	Soil	ATL
538-124-1	.3 m	2. STLC	mg/l	Lead	Soil	
538-124-1	.3 m	3. STLC-DI	mg/l	Lead	Soil	
538-124-1	.3 m	4. TCLP	mg/l	Lead	Soil	
538-124-1	.3 m	5. PH	mg/l	Lead	Soil	
538-124-2	.6 m	1. TTLC	mg/kg	Lead	Soil	
538-124-2	.6 m	2. STLC	mg/l	Lead	Soil	
538-124-2	.6 m	3. STLC-DI	mg/l	Lead	Soil	
538-124-2	.6 m	4. TCLP	mg/l	Lead	Soil	
538-124-2	.6 m	5. PH	mg/l	Lead	Soil	
538-124-3	.9 m	1. TTLC	mg/kg	Lead	Soil	
538-124-3	.9 m	2. STLC	mg/l	Lead	Soil	
538-124-3	.9 m	3. STLC-DI	mg/l	Lead	Soil	
538-124-3	.9 m	4. TCLP	mg/l	Lead	Soil	
538-124-3	.9 m	5. PH	mg/l	Lead	Soil	
538-124-5	1.5 m	1. TTLC	mg/kg	Lead	Soil	
538-124-5	1.5 m	2. STLC	mg/l	Lead	Soil	
538-124-5	1.5 m	3. STLC-DI	mg/l	Lead	Soil	
538-124-5	1.5 m	4. TCLP	mg/l	Lead	Soil	
538-124-5	1.5 m	5. PH	mg/l	Lead	Soil	
3/25/2002	surface	1. TTLC	32 mg/kg	Lead	Soil	ATL
538-125-0	surface	2. STLC	mg/l	Lead	Soil	
538-125-0	surface	3. STLC-DI	mg/l	Lead	Soil	
538-125-0	surface	4. TCLP	mg/l	Lead	Soil	
538-125-0	surface	5. PH	mg/l	Lead	Soil	
3/25/2002	.3 m	1. TTLC	5.9 mg/kg	Lead	Soil	ATL

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Depth	Sample ID	Method	Result	Unit	Date	Lead	Soil	ATL
.3 m	538-125-1	2. STLC		mg/l		Lead	Soil	
.3 m	538-125-1	3. STLC-DI		mg/l		Lead	Soil	
.3 m	538-125-1	4. TCLP		mg/l		Lead	Soil	
.3 m	538-125-1	5. PH					Soil	
3/25/2002	538-125-2	1. TTLC	ND	mg/kg	5	Lead	Soil	ATL
.6 m	538-125-2	2. STLC		mg/l		Lead	Soil	
.6 m	538-125-2	3. STLC-DI		mg/l		Lead	Soil	
.6 m	538-125-2	4. TCLP		mg/l		Lead	Soil	
.6 m	538-125-2	5. PH					Soil	
.9 m	538-125-3	1. TTLC		mg/kg		Lead	Soil	
.9 m	538-125-3	2. STLC		mg/l		Lead	Soil	
.9 m	538-125-3	3. STLC-DI		mg/l		Lead	Soil	
.9 m	538-125-3	4. TCLP		mg/l		Lead	Soil	
.9 m	538-125-3	5. PH					Soil	
1.5 m	538-125-5	1. TTLC		mg/kg		Lead	Soil	
1.5 m	538-125-5	2. STLC		mg/l		Lead	Soil	
1.5 m	538-125-5	3. STLC-DI		mg/l		Lead	Soil	
1.5 m	538-125-5	4. TCLP		mg/l		Lead	Soil	
1.5 m	538-125-5	5. PH					Soil	
3/25/2002 surface	538-126-0	1. TTLC	210	mg/kg	5	Lead	Soil	ATL
3/25/2002 surface	538-126-0	2. STLC	18	mg/l	0.2	Lead	Soil	ATL
3/25/2002 surface	538-126-0	3. STLC-DI	0.21	mg/l	0.2	Lead	Soil	ATL
surface	538-126-0	4. TCLP		mg/l		Lead	Soil	
3/25/2002 surface	538-126-0	5. PH	7.91		0.1		Soil	ATL
3/25/2002 .3 m	538-126-1	1. TTLC	32	mg/kg	5	Lead	Soil	ATL
.3 m	538-126-1	2. STLC		mg/l		Lead	Soil	
.3 m	538-126-1	3. STLC-DI		mg/l		Lead	Soil	
.3 m	538-126-1	4. TCLP		mg/l		Lead	Soil	
.3 m	538-126-1	5. PH					Soil	
3/25/2002 .6 m	538-126-2	1. TTLC	ND	mg/kg	5	Lead	Soil	ATL
.6 m	538-126-2	2. STLC		mg/l		Lead	Soil	
.6 m	538-126-2	3. STLC-DI		mg/l		Lead	Soil	
.6 m	538-126-2	4. TCLP		mg/l		Lead	Soil	
.6 m	538-126-2	5. PH					Soil	
.9 m	538-126-3	1. TTLC		mg/kg		Lead	Soil	
.9 m	538-126-3	2. STLC		mg/l		Lead	Soil	
.9 m	538-126-3	3. STLC-DI		mg/l		Lead	Soil	
.9 m	538-126-3	4. TCLP		mg/l		Lead	Soil	

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.9 m	538-126-3	5. PH				Soil
1.5 m	538-126-5	1. TTLC	mg/kg		Lead	Soil
1.5 m	538-126-5	2. STLC	mg/l		Lead	Soil
1.5 m	538-126-5	3. STLC-DI	mg/l		Lead	Soil
1.5 m	538-126-5	4. TCLP	mg/l		Lead	Soil
1.5 m	538-126-5	5. PH				Soil
3/25/2002 surface	538-127-0	1. TTLC	69 mg/kg	5	3/30/2002 Lead	ATL Soil
3/25/2002 surface	538-127-0	2. STLC	5.4 mg/l	0.2	4/8/2002 Lead	ATL Soil
3/25/2002 surface	538-127-0	3. STLC-DI	mg/l	0.2	4/11/2002 Lead	ATL Soil
surface	538-127-0	4. TCLP	mg/l		Lead	Soil
surface	538-127-0	5. PH				Soil
3/25/2002 .3 m	538-127-1	1. TTLC	12 mg/kg	5	3/30/2002 Lead	ATL Soil
.3 m	538-127-1	2. STLC	mg/l		Lead	Soil
.3 m	538-127-1	3. STLC-DI	mg/l		Lead	Soil
.3 m	538-127-1	4. TCLP	mg/l		Lead	Soil
.3 m	538-127-1	5. PH				Soil
3/25/2002 .6 m	538-127-2	1. TTLC	12 mg/kg	5	3/30/2002 Lead	ATL Soil
.6 m	538-127-2	2. STLC	mg/l		Lead	Soil
.6 m	538-127-2	3. STLC-DI	mg/l		Lead	Soil
.6 m	538-127-2	4. TCLP	mg/l		Lead	Soil
.6 m	538-127-2	5. PH				Soil
3/25/2002 .9 m	538-127-3	1. TTLC	5.5 mg/kg	5	3/30/2002 Lead	ATL Soil
.9 m	538-127-3	2. STLC	mg/l		Lead	Soil
.9 m	538-127-3	3. STLC-DI	mg/l		Lead	Soil
.9 m	538-127-3	4. TCLP	mg/l		Lead	Soil
.9 m	538-127-3	5. PH				Soil
3/25/2002 1.5 m	538-127-5	1. TTLC	9.3 mg/kg	5	3/30/2002 Lead	ATL Soil
1.5 m	538-127-5	2. STLC	mg/l		Lead	Soil
1.5 m	538-127-5	3. STLC-DI	mg/l		Lead	Soil
1.5 m	538-127-5	4. TCLP	mg/l		Lead	Soil
1.5 m	538-127-5	5. PH				Soil
3/25/2002 surface	538-128-0	1. TTLC	220 mg/kg	5	3/30/2002 Lead	ATL Soil
3/25/2002 surface	538-128-0	2. STLC	13 mg/l	0.2	4/8/2002 Lead	ATL Soil
3/25/2002 surface	538-128-0	3. STLC-DI	mg/l	0.2	4/11/2002 Lead	ATL Soil
surface	538-128-0	4. TCLP	mg/l		Lead	Soil
surface	538-128-0	5. PH				Soil
3/25/2002 .3 m	538-128-1	1. TTLC	7.1 mg/kg	5	3/30/2002 Lead	ATL Soil
.3 m	538-128-1	2. STLC	mg/l		Lead	Soil

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Sample ID	Depth	Method	Unit	Value	Date	Soil Type
538-128-1	.3 m	3. STLC-DI	mg/l			Soil
538-128-1	.3 m	4. TCLP	mg/l			Soil
538-128-1	.3 m	5. PH				Soil
538-128-2	3/25/2002 .6 m	1. TTLC	10 mg/kg	5	3/30/2002	Soil ATL
538-128-2	.6 m	2. STLC	mg/l			Soil
538-128-2	.6 m	3. STLC-DI	mg/l			Soil
538-128-2	.6 m	4. TCLP	mg/l			Soil
538-128-2	3/25/2002 .6 m	5. PH	6.98	0.1	3/28/2002	Soil ATL
538-128-3	3/25/2002 .9 m	1. TTLC	mg/kg	5	3/30/2002	Soil ATL
538-128-3	.9 m	2. STLC	mg/l			Soil
538-128-3	.9 m	3. STLC-DI	mg/l			Soil
538-128-3	.9 m	4. TCLP	mg/l			Soil
538-128-3	.9 m	5. PH				Soil
538-128-5	3/25/2002 1.5 m	1. TTLC	8.3 mg/kg	5	3/30/2002	Soil ATL
538-128-5	1.5 m	2. STLC	mg/l			Soil
538-128-5	1.5 m	3. STLC-DI	mg/l			Soil
538-128-5	1.5 m	4. TCLP	mg/l			Soil
538-128-5	1.5 m	5. PH				Soil
538-129-0	3/25/2002 surface	1. TTLC	1400 mg/kg	5	3/30/2002	Soil ATL
538-129-0	surface	2. STLC	mg/l			Soil
538-129-0	surface	3. STLC-DI	mg/l			Soil
538-129-0	3/25/2002 surface	4. TCLP	1.8 mg/l	0.2	4/5/2002	Soil ATL
538-129-0	surface	5. PH				Soil
538-129-1	3/25/2002 .3 m	1. TTLC	50 mg/kg	5	3/30/2002	Soil ATL
538-129-1	.3 m	2. STLC	2.3 mg/l	0.2	4/8/2002	Soil ATL
538-129-1	.3 m	3. STLC-DI	mg/l			Soil
538-129-1	.3 m	4. TCLP	mg/l			Soil
538-129-1	.3 m	5. PH				Soil
538-129-2	.6 m	1. TTLC	mg/kg			Soil
538-129-2	.6 m	2. STLC	mg/l			Soil
538-129-2	.6 m	3. STLC-DI	mg/l			Soil
538-129-2	.6 m	4. TCLP	mg/l			Soil
538-129-2	.6 m	5. PH				Soil
538-129-3	.9 m	1. TTLC	mg/kg			Soil
538-129-3	.9 m	2. STLC	mg/l			Soil
538-129-3	.9 m	3. STLC-DI	mg/l			Soil
538-129-3	.9 m	4. TCLP	mg/l			Soil
538-129-3	.9 m	5. PH				Soil

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Depth	Sample ID	Method	Concentration	Unit	Soil Type	Date
1.5 m	538-129-5	1. TTLC		mg/kg	Soil	
1.5 m	538-129-5	2. STLC		mg/l	Soil	
1.5 m	538-129-5	3. STLC-DI		mg/l	Soil	
1.5 m	538-129-5	4. TCLP		mg/l	Soil	
1.5 m	538-129-5	5. PH			Soil	
3/25/2002 surface	538-130-0	1. TTLC	310	mg/kg	Soil	ATL
3/25/2002 surface	538-130-0	2. STLC	24	mg/l	Soil	ATL
3/25/2002 surface	538-130-0	3. STLC-DI	0.43	mg/l	Soil	ATL
surface	538-130-0	4. TCLP		mg/l	Soil	
surface	538-130-0	5. PH			Soil	
3/25/2002 .3 m	538-130-1	1. TTLC	13	mg/kg	Soil	ATL
.3 m	538-130-1	2. STLC		mg/l	Soil	
.3 m	538-130-1	3. STLC-DI		mg/l	Soil	
.3 m	538-130-1	4. TCLP		mg/l	Soil	
.3 m	538-130-1	5. PH			Soil	
3/25/2002 .6 m	538-130-2	1. TTLC	7.1	mg/kg	Soil	ATL
.6 m	538-130-2	2. STLC		mg/l	Soil	
.6 m	538-130-2	3. STLC-DI		mg/l	Soil	
.6 m	538-130-2	4. TCLP		mg/l	Soil	
.6 m	538-130-2	5. PH			Soil	
3/25/2002 .9 m	538-130-3	1. TTLC	ND	mg/kg	Soil	ATL
.9 m	538-130-3	2. STLC		mg/l	Soil	
.9 m	538-130-3	3. STLC-DI		mg/l	Soil	
.9 m	538-130-3	4. TCLP		mg/l	Soil	
.9 m	538-130-3	5. PH			Soil	
1.5 m	538-130-5	1. TTLC		mg/kg	Soil	
1.5 m	538-130-5	2. STLC		mg/l	Soil	
1.5 m	538-130-5	3. STLC-DI		mg/l	Soil	
1.5 m	538-130-5	4. TCLP		mg/l	Soil	
1.5 m	538-130-5	5. PH			Soil	
3/25/2002 surface	538-131-0	1. TTLC	1500	mg/kg	Soil	ATL
surface	538-131-0	2. STLC		mg/l	Soil	
surface	538-131-0	3. STLC-DI		mg/l	Soil	
3/25/2002 surface	538-131-0	4. TCLP	2.8	mg/l	Soil	ATL
surface	538-131-0	5. PH			Soil	
3/25/2002 .3 m	538-131-1	1. TTLC	110	mg/kg	Soil	ATL
3/25/2002 .3 m	538-131-1	2. STLC	4.8	mg/l	Soil	ATL
.3 m	538-131-1	3. STLC-DI		mg/l	Soil	

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3/25/2002	.3 m	538-131-1	4. TCLP	mg/l					Soil	
	.3 m	538-131-1	5. PH						Soil	
3/25/2002	.6 m	538-131-2	1. TTLC	250 mg/kg	5	3/30/2002	Lead		Soil	ATL
3/25/2002	.6 m	538-131-2	2. STLC	19 mg/l	0.2	4/8/2002	Lead		Soil	ATL
3/25/2002	.6 m	538-131-2	3. STLC-DI	0.27 mg/l	0.2	4/11/2002	Lead		Soil	ATL
	.6 m	538-131-2	4. TCLP	mg/l			Lead		Soil	
	.6 m	538-131-2	5. PH						Soil	
	.9 m	538-131-3	1. TTLC	mg/kg			Lead		Soil	
	.9 m	538-131-3	2. STLC	mg/l			Lead		Soil	
	.9 m	538-131-3	3. STLC-DI	mg/l			Lead		Soil	
	.9 m	538-131-3	4. TCLP	mg/l			Lead		Soil	
	.9 m	538-131-3	5. PH						Soil	
	1.5 m	538-131-5	1. TTLC	mg/kg			Lead		Soil	
	1.5 m	538-131-5	2. STLC	mg/l			Lead		Soil	
	1.5 m	538-131-5	3. STLC-DI	mg/l			Lead		Soil	
	1.5 m	538-131-5	4. TCLP	mg/l			Lead		Soil	
	1.5 m	538-131-5	5. PH						Soil	
3/25/2002	surface	538-132-0	1. TTLC	1600 mg/kg	5	3/30/2002	Lead		Soil	ATL
	surface	538-132-0	2. STLC	mg/l			Lead		Soil	
	surface	538-132-0	3. STLC-DI	mg/l			Lead		Soil	
3/25/2002	surface	538-132-0	4. TCLP	1.9 mg/l	0.2	4/5/2002	Lead		Soil	ATL
	surface	538-132-0	5. PH						Soil	
3/25/2002	.3 m	538-132-1	1. TTLC	130 mg/kg	5	3/30/2002	Lead		Soil	ATL
3/25/2002	.3 m	538-132-1	2. STLC	18 mg/l	0.2	4/8/2002	Lead		Soil	ATL
3/25/2002	.3 m	538-132-1	3. STLC-DI	ND	0.2	4/11/2002	Lead		Soil	ATL
	.3 m	538-132-1	4. TCLP	mg/l			Lead		Soil	
	.3 m	538-132-1	5. PH						Soil	
3/25/2002	.6 m	538-132-2	1. TTLC	12 mg/kg	5	3/30/2002	Lead		Soil	ATL
	.6 m	538-132-2	2. STLC	mg/l			Lead		Soil	
	.6 m	538-132-2	3. STLC-DI	mg/l			Lead		Soil	
	.6 m	538-132-2	4. TCLP	mg/l			Lead		Soil	
	.6 m	538-132-2	5. PH						Soil	
3/25/2002	.9 m	538-132-3	1. TTLC	9.4 mg/kg	5	3/30/2002	Lead		Soil	ATL
	.9 m	538-132-3	2. STLC	mg/l			Lead		Soil	
	.9 m	538-132-3	3. STLC-DI	mg/l			Lead		Soil	
	.9 m	538-132-3	4. TCLP	mg/l			Lead		Soil	
	.9 m	538-132-3	5. PH						Soil	
	1.5 m	538-132-5	1. TTLC	mg/kg			Lead		Soil	

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1.5 m	538-132-5	2. STLC	mg/l		Soil	
1.5 m	538-132-5	3. STLC-DI	mg/l		Soil	
1.5 m	538-132-5	4. TCLP	mg/l		Soil	
1.5 m	538-132-5	5. PH			Soil	
3/25/2002 surface	538-133-0	1. TTLC	810 mg/kg	5	Soil	ATL
3/25/2002 surface	538-133-0	2. STLC	82 mg/l	0.2	Soil	ATL
3/25/2002 surface	538-133-0	3. STLC-DI	0.49 mg/l	0.2	Soil	ATL
surface	538-133-0	4. TCLP	mg/l		Soil	
surface	538-133-0	5. PH			Soil	
3/25/2002 .3 m	538-133-1	1. TTLC	190 mg/kg	5	Soil	ATL
3/25/2002 .3 m	538-133-1	2. STLC	10 mg/l	0.2	Soil	ATL
3/25/2002 .3 m	538-133-1	3. STLC-DI	ND	0.2	Soil	ATL
.3 m	538-133-1	4. TCLP	mg/l		Soil	
.3 m	538-133-1	5. PH			Soil	
.6 m	538-133-2	1. TTLC	mg/kg		Soil	
.6 m	538-133-2	2. STLC	mg/l		Soil	
.6 m	538-133-2	3. STLC-DI	mg/l		Soil	
.6 m	538-133-2	4. TCLP	mg/l		Soil	
.6 m	538-133-2	5. PH			Soil	
.9 m	538-133-3	1. TTLC	mg/kg		Soil	
.9 m	538-133-3	2. STLC	mg/l		Soil	
.9 m	538-133-3	3. STLC-DI	mg/l		Soil	
.9 m	538-133-3	4. TCLP	mg/l		Soil	
.9 m	538-133-3	5. PH			Soil	
1.5 m	538-133-5	1. TTLC	mg/kg		Soil	
1.5 m	538-133-5	2. STLC	mg/l		Soil	
1.5 m	538-133-5	3. STLC-DI	mg/l		Soil	
1.5 m	538-133-5	4. TCLP	mg/l		Soil	
1.5 m	538-133-5	5. PH			Soil	
3/25/2002 surface	538-134-0	1. TTLC	1300 mg/kg	5	Soil	ATL
surface	538-134-0	2. STLC	mg/l		Soil	
surface	538-134-0	3. STLC-DI	mg/l		Soil	
3/25/2002 surface	538-134-0	4. TCLP	3.9 mg/l	0.2	Soil	ATL
surface	538-134-0	5. PH			Soil	
3/25/2002 .3 m	538-134-1	1. TTLC	270 mg/kg	5	Soil	ATL
3/25/2002 .3 m	538-134-1	2. STLC	39 mg/l	0.2	Soil	ATL
3/25/2002 .3 m	538-134-1	3. STLC-DI	0.28 mg/l	0.2	Soil	ATL
.3 m	538-134-1	4. TCLP	mg/l		Soil	



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Date	Depth	Sample ID	Method	Concentration	Unit	Media	Remarks
3/26/2002	1.5 m	538-135-5	3. STLC-DI		mg/l	Soil	
3/26/2002	1.5 m	538-135-5	4. TCLP		mg/l	Soil	
3/26/2002	1.5 m	538-135-5	5. PH			Soil	
3/26/2002	surface	538-136-0	1. TTLC	750	mg/kg	Soil	ATL
3/26/2002	surface	538-136-0	2. STLC	58	mg/l	Soil	ATL
3/26/2002	surface	538-136-0	3. STLC-DI		mg/l	Soil	ATL
3/26/2002	surface	538-136-0	4. TCLP		mg/l	Soil	
3/26/2002	surface	538-136-0	5. PH			Soil	
3/26/2002	.3 m	538-136-1	1. TTLC	160	mg/kg	Soil	ATL
3/26/2002	.3 m	538-136-1	2. STLC	5.9	mg/l	Soil	ATL
3/26/2002	.3 m	538-136-1	3. STLC-DI		mg/l	Soil	ATL
3/26/2002	.3 m	538-136-1	4. TCLP		mg/l	Soil	
3/26/2002	.3 m	538-136-1	5. PH			Soil	
3/26/2002	.6 m	538-136-2	1. TTLC	17	mg/kg	Soil	ATL
3/26/2002	.6 m	538-136-2	2. STLC		mg/l	Soil	
3/26/2002	.6 m	538-136-2	3. STLC-DI		mg/l	Soil	
3/26/2002	.6 m	538-136-2	4. TCLP		mg/l	Soil	
3/26/2002	.6 m	538-136-2	5. PH			Soil	
3/26/2002	.9 m	538-136-3	1. TTLC	31	mg/kg	Soil	ATL
3/26/2002	.9 m	538-136-3	2. STLC		mg/l	Soil	
3/26/2002	.9 m	538-136-3	3. STLC-DI		mg/l	Soil	
3/26/2002	.9 m	538-136-3	4. TCLP		mg/l	Soil	
3/26/2002	.9 m	538-136-3	5. PH			Soil	
3/26/2002	1.5 m	538-136-5	1. TTLC		mg/kg	Soil	
3/26/2002	1.5 m	538-136-5	2. STLC		mg/l	Soil	
3/26/2002	1.5 m	538-136-5	3. STLC-DI		mg/l	Soil	
3/26/2002	1.5 m	538-136-5	4. TCLP		mg/l	Soil	
3/26/2002	1.5 m	538-136-5	5. PH			Soil	
3/26/2002	surface	538-137-0	1. TTLC	1100	mg/kg	Soil	ATL
3/26/2002	surface	538-137-0	2. STLC		mg/l	Soil	
3/26/2002	surface	538-137-0	3. STLC-DI		mg/l	Soil	
3/26/2002	surface	538-137-0	4. TCLP	2.3	mg/l	Soil	ATL
3/26/2002	surface	538-137-0	5. PH			Soil	
3/26/2002	.3 m	538-137-1	1. TTLC	1600	mg/kg	Soil	ATL
3/26/2002	.3 m	538-137-1	2. STLC		mg/l	Soil	
3/26/2002	.3 m	538-137-1	3. STLC-DI		mg/l	Soil	
3/26/2002	.3 m	538-137-1	4. TCLP	4.2	mg/l	Soil	ATL
3/26/2002	.3 m	538-137-1	5. PH			Soil	

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Depth	Sample ID	Method	Concentration	Unit	Soil Type	Date
.6 m	538-137-2	1. TTLC		mg/kg	Soil	
.6 m	538-137-2	2. STLC		mg/l	Soil	
.6 m	538-137-2	3. STLC-DI		mg/l	Soil	
.6 m	538-137-2	4. TCLP		mg/l	Soil	
.6 m	538-137-2	5. PH		mg/l	Soil	
.9 m	538-137-3	1. TTLC		mg/kg	Soil	
.9 m	538-137-3	2. STLC		mg/l	Soil	
.9 m	538-137-3	3. STLC-DI		mg/l	Soil	
.9 m	538-137-3	4. TCLP		mg/l	Soil	
.9 m	538-137-3	5. PH		mg/l	Soil	
1.5 m	538-137-5	1. TTLC		mg/kg	Soil	
1.5 m	538-137-5	2. STLC		mg/l	Soil	
1.5 m	538-137-5	3. STLC-DI		mg/l	Soil	
1.5 m	538-137-5	4. TCLP		mg/l	Soil	
1.5 m	538-137-5	5. PH		mg/l	Soil	
3/26/2002 surface	538-138-0	1. TTLC	160	mg/kg	Soil	ATL
3/26/2002 surface	538-138-0	2. STLC	6.9	mg/l	Soil	ATL
3/26/2002 surface	538-138-0	3. STLC-DI	ND	mg/l	Soil	ATL
surface	538-138-0	4. TCLP		mg/l	Soil	
surface	538-138-0	5. PH		mg/l	Soil	
3/26/2002 .3 m	538-138-1	1. TTLC	11	mg/kg	Soil	ATL
.3 m	538-138-1	2. STLC		mg/l	Soil	
.3 m	538-138-1	3. STLC-DI		mg/l	Soil	
.3 m	538-138-1	4. TCLP		mg/l	Soil	
3/26/2002 .3 m	538-138-1	5. PH	8.64	mg/l	Soil	ATL
.6 m	538-138-2	1. TTLC		mg/kg	Soil	
.6 m	538-138-2	2. STLC		mg/l	Soil	
.6 m	538-138-2	3. STLC-DI		mg/l	Soil	
.6 m	538-138-2	4. TCLP		mg/l	Soil	
.6 m	538-138-2	5. PH		mg/l	Soil	
.9 m	538-138-3	1. TTLC		mg/kg	Soil	
.9 m	538-138-3	2. STLC		mg/l	Soil	
.9 m	538-138-3	3. STLC-DI		mg/l	Soil	
.9 m	538-138-3	4. TCLP		mg/l	Soil	
.9 m	538-138-3	5. PH		mg/l	Soil	
1.5 m	538-138-5	1. TTLC		mg/kg	Soil	
1.5 m	538-138-5	2. STLC		mg/l	Soil	
1.5 m	538-138-5	3. STLC-DI		mg/l	Soil	

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Sample ID	Depth	Method	Concentration	Unit	Date	Soil Type	Lead	Soil
538-138-5	1.5 m	4. TCLP		mg/l		Soil		
538-138-5	1.5 m	5. PH				Soil		
538-139-0	3/26/2002 surface	1. TTLC	220	mg/kg	3/27/2002	Soil	Lead	ATL
538-139-0	3/26/2002 surface	2. STLC	14	mg/l	4/5/2002	Soil	Lead	ATL
538-139-0	3/26/2002 surface	3. STLC-DI	ND		4/11/2002	Soil	Lead	ATL
538-139-0	surface	4. TCLP		mg/l		Soil	Lead	
538-139-0	surface	5. PH				Soil		
538-139-1	3/26/2002 .3 m	1. TTLC	27	mg/kg	3/27/2002	Soil	Lead	ATL
538-139-1	.3 m	2. STLC		mg/l		Soil	Lead	
538-139-1	.3 m	3. STLC-DI		mg/l		Soil	Lead	
538-139-1	.3 m	4. TCLP		mg/l		Soil	Lead	
538-139-1	.3 m	5. PH				Soil		
538-139-2	.6 m	1. TTLC		mg/kg		Soil	Lead	
538-139-2	.6 m	2. STLC		mg/l		Soil	Lead	
538-139-2	.6 m	3. STLC-DI		mg/l		Soil	Lead	
538-139-2	.6 m	4. TCLP		mg/l		Soil	Lead	
538-139-2	.6 m	5. PH				Soil		
538-139-3	.9 m	1. TTLC		mg/kg		Soil	Lead	
538-139-3	.9 m	2. STLC		mg/l		Soil	Lead	
538-139-3	.9 m	3. STLC-DI		mg/l		Soil	Lead	
538-139-3	.9 m	4. TCLP		mg/l		Soil	Lead	
538-139-3	.9 m	5. PH				Soil		
538-139-5	1.5 m	1. TTLC		mg/kg		Soil	Lead	
538-139-5	1.5 m	2. STLC		mg/l		Soil	Lead	
538-139-5	1.5 m	3. STLC-DI		mg/l		Soil	Lead	
538-139-5	1.5 m	4. TCLP		mg/l		Soil	Lead	
538-139-5	1.5 m	5. PH				Soil		
538-140-0	3/26/2002 surface	1. TTLC	96	mg/kg	3/27/2002	Soil	Lead	ATL
538-140-0	3/26/2002 surface	2. STLC	6	mg/l	4/5/2002	Soil	Lead	ATL
538-140-0	3/26/2002 surface	3. STLC-DI	ND		4/11/2002	Soil	Lead	ATL
538-140-0	surface	4. TCLP		mg/l		Soil	Lead	
538-140-0	surface	5. PH				Soil		
538-140-1	3/26/2002 .3 m	1. TTLC	440	mg/kg	3/27/2002	Soil	Lead	ATL
538-140-1	3/26/2002 .3 m	2. STLC	51	mg/l	4/5/2002	Soil	Lead	ATL
538-140-1	3/26/2002 .3 m	3. STLC-DI	0.81	mg/l	4/11/2002	Soil	Lead	ATL
538-140-1	.3 m	4. TCLP		mg/l		Soil	Lead	
538-140-1	.3 m	5. PH				Soil		
538-140-2	3/26/2002 .6 m	1. TTLC	12	mg/kg	3/27/2002	Soil	Lead	ATL

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.6 m	538-140-2	2. STLC	mg/l	Lead	Soil
.6 m	538-140-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	538-140-2	4. TCLP	mg/l	Lead	Soil
.6 m	538-140-2	5. PH			Soil
.9 m	538-140-3	1. TTLC	mg/kg	Lead	Soil
.9 m	538-140-3	2. STLC	mg/l	Lead	Soil
.9 m	538-140-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	538-140-3	4. TCLP	mg/l	Lead	Soil
.9 m	538-140-3	5. PH			Soil
1.5 m	538-140-5	1. TTLC	mg/kg	Lead	Soil
1.5 m	538-140-5	2. STLC	mg/l	Lead	Soil
1.5 m	538-140-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	538-140-5	4. TCLP	mg/l	Lead	Soil
1.5 m	538-140-5	5. PH			Soil
surface	538-141-0	1. TTLC	mg/kg	Lead	Soil
surface	538-141-0	2. STLC	mg/l	Lead	Soil
surface	538-141-0	3. STLC-DI	mg/l	Lead	Soil
surface	538-141-0	4. TCLP	mg/l	Lead	Soil
surface	538-141-0	5. PH			Soil
.3 m	538-141-1	1. TTLC	mg/kg	Lead	Soil
.3 m	538-141-1	2. STLC	mg/l	Lead	Soil
.3 m	538-141-1	3. STLC-DI	mg/l	Lead	Soil
.3 m	538-141-1	4. TCLP	mg/l	Lead	Soil
.3 m	538-141-1	5. PH			Soil
.6 m	538-141-2	1. TTLC	mg/kg	Lead	Soil
.6 m	538-141-2	2. STLC	mg/l	Lead	Soil
.6 m	538-141-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	538-141-2	4. TCLP	mg/l	Lead	Soil
.6 m	538-141-2	5. PH			Soil
.9 m	538-141-3	1. TTLC	mg/kg	Lead	Soil
.9 m	538-141-3	2. STLC	mg/l	Lead	Soil
.9 m	538-141-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	538-141-3	4. TCLP	mg/l	Lead	Soil
.9 m	538-141-3	5. PH			Soil
1.5 m	538-141-5	1. TTLC	mg/kg	Lead	Soil
1.5 m	538-141-5	2. STLC	mg/l	Lead	Soil
1.5 m	538-141-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	538-141-5	4. TCLP	mg/l	Lead	Soil

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1.5 m	538-141-5	5. PH	mg/kg	Soil
surface	538-142-0	1. TTLC	Lead	Soil
surface	538-142-0	2. STLC	Lead	Soil
surface	538-142-0	3. STLC-DI	Lead	Soil
surface	538-142-0	4. TCLP	Lead	Soil
surface	538-142-0	5. PH	Lead	Soil
.3 m	538-142-1	1. TTLC	Lead	Soil
.3 m	538-142-1	2. STLC	Lead	Soil
.3 m	538-142-1	3. STLC-DI	Lead	Soil
.3 m	538-142-1	4. TCLP	Lead	Soil
.3 m	538-142-1	5. PH	Lead	Soil
.6 m	538-142-2	1. TTLC	Lead	Soil
.6 m	538-142-2	2. STLC	Lead	Soil
.6 m	538-142-2	3. STLC-DI	Lead	Soil
.6 m	538-142-2	4. TCLP	Lead	Soil
.6 m	538-142-2	5. PH	Lead	Soil
.9 m	538-142-3	1. TTLC	Lead	Soil
.9 m	538-142-3	2. STLC	Lead	Soil
.9 m	538-142-3	3. STLC-DI	Lead	Soil
.9 m	538-142-3	4. TCLP	Lead	Soil
.9 m	538-142-3	5. PH	Lead	Soil
1.5 m	538-142-5	1. TTLC	Lead	Soil
1.5 m	538-142-5	2. STLC	Lead	Soil
1.5 m	538-142-5	3. STLC-DI	Lead	Soil
1.5 m	538-142-5	4. TCLP	Lead	Soil
1.5 m	538-142-5	5. PH	Lead	Soil
surface	538-143-0	1. TTLC	Lead	Soil
surface	538-143-0	2. STLC	Lead	Soil
surface	538-143-0	3. STLC-DI	Lead	Soil
surface	538-143-0	4. TCLP	Lead	Soil
surface	538-143-0	5. PH	Lead	Soil
.3 m	538-143-1	1. TTLC	Lead	Soil
.3 m	538-143-1	2. STLC	Lead	Soil
.3 m	538-143-1	3. STLC-DI	Lead	Soil
.3 m	538-143-1	4. TCLP	Lead	Soil
.3 m	538-143-1	5. PH	Lead	Soil
.6 m	538-143-2	1. TTLC	Lead	Soil
.6 m	538-143-2	2. STLC	Lead	Soil

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.6 m	538-143-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	538-143-2	4. TCLP	mg/l	Lead	Soil
.6 m	538-143-2	5. PH			Soil
.9 m	538-143-3	1. TTLC	mg/kg	Lead	Soil
.9 m	538-143-3	2. STLC	mg/l	Lead	Soil
.9 m	538-143-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	538-143-3	4. TCLP	mg/l	Lead	Soil
.9 m	538-143-3	5. PH			Soil
1.5 m	538-143-5	1. TTLC	mg/kg	Lead	Soil
1.5 m	538-143-5	2. STLC	mg/l	Lead	Soil
1.5 m	538-143-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	538-143-5	4. TCLP	mg/l	Lead	Soil
1.5 m	538-143-5	5. PH			Soil
surface	538-144-0	1. TTLC	mg/kg	Lead	Soil
surface	538-144-0	2. STLC	mg/l	Lead	Soil
surface	538-144-0	3. STLC-DI	mg/l	Lead	Soil
surface	538-144-0	4. TCLP	mg/l	Lead	Soil
surface	538-144-0	5. PH			Soil
.3 m	538-144-1	1. TTLC	mg/kg	Lead	Soil
.3 m	538-144-1	2. STLC	mg/l	Lead	Soil
.3 m	538-144-1	3. STLC-DI	mg/l	Lead	Soil
.3 m	538-144-1	4. TCLP	mg/l	Lead	Soil
.3 m	538-144-1	5. PH			Soil
.6 m	538-144-2	1. TTLC	mg/kg	Lead	Soil
.6 m	538-144-2	2. STLC	mg/l	Lead	Soil
.6 m	538-144-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	538-144-2	4. TCLP	mg/l	Lead	Soil
.6 m	538-144-2	5. PH			Soil
.9 m	538-144-3	1. TTLC	mg/kg	Lead	Soil
.9 m	538-144-3	2. STLC	mg/l	Lead	Soil
.9 m	538-144-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	538-144-3	4. TCLP	mg/l	Lead	Soil
.9 m	538-144-3	5. PH			Soil
1.5 m	538-144-5	1. TTLC	mg/kg	Lead	Soil
1.5 m	538-144-5	2. STLC	mg/l	Lead	Soil
1.5 m	538-144-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	538-144-5	4. TCLP	mg/l	Lead	Soil
1.5 m	538-144-5	5. PH			Soil

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surface	538-145-0	1. TTLC	mg/kg	Lead	Soil
surface	538-145-0	2. STLC	mg/l	Lead	Soil
surface	538-145-0	3. STLC-DI	mg/l	Lead	Soil
surface	538-145-0	4. TCLP	mg/l	Lead	Soil
surface	538-145-0	5. PH			Soil
.3 m	538-145-1	1. TTLC	mg/kg	Lead	Soil
.3 m	538-145-1	2. STLC	mg/l	Lead	Soil
.3 m	538-145-1	3. STLC-DI	mg/l	Lead	Soil
.3 m	538-145-1	4. TCLP	mg/l	Lead	Soil
.3 m	538-145-1	5. PH			Soil
.6 m	538-145-2	1. TTLC	mg/kg	Lead	Soil
.6 m	538-145-2	2. STLC	mg/l	Lead	Soil
.6 m	538-145-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	538-145-2	4. TCLP	mg/l	Lead	Soil
.6 m	538-145-2	5. PH			Soil
.9 m	538-145-3	1. TTLC	mg/kg	Lead	Soil
.9 m	538-145-3	2. STLC	mg/l	Lead	Soil
.9 m	538-145-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	538-145-3	4. TCLP	mg/l	Lead	Soil
.9 m	538-145-3	5. PH			Soil
1.5 m	538-145-5	1. TTLC	mg/kg	Lead	Soil
1.5 m	538-145-5	2. STLC	mg/l	Lead	Soil
1.5 m	538-145-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	538-145-5	4. TCLP	mg/l	Lead	Soil
1.5 m	538-145-5	5. PH			Soil
surface	538-146-0	1. TTLC	mg/kg	Lead	Soil
surface	538-146-0	2. STLC	mg/l	Lead	Soil
surface	538-146-0	3. STLC-DI	mg/l	Lead	Soil
surface	538-146-0	4. TCLP	mg/l	Lead	Soil
surface	538-146-0	5. PH			Soil
.3 m	538-146-1	1. TTLC	mg/kg	Lead	Soil
.3 m	538-146-1	2. STLC	mg/l	Lead	Soil
.3 m	538-146-1	3. STLC-DI	mg/l	Lead	Soil
.3 m	538-146-1	4. TCLP	mg/l	Lead	Soil
.3 m	538-146-1	5. PH			Soil
.6 m	538-146-2	1. TTLC	mg/kg	Lead	Soil
.6 m	538-146-2	2. STLC	mg/l	Lead	Soil
.6 m	538-146-2	3. STLC-DI	mg/l	Lead	Soil

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.6 m	538-146-2	4. TCLP	mg/l	Lead	Soil
.6 m	538-146-2	5. PH	mg/kg	Lead	Soil
.9 m	538-146-3	1. TTLC	mg/l	Lead	Soil
.9 m	538-146-3	2. STLC	mg/l	Lead	Soil
.9 m	538-146-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	538-146-3	4. TCLP	mg/l	Lead	Soil
.9 m	538-146-3	5. PH	mg/kg	Lead	Soil
1.5 m	538-146-5	1. TTLC	mg/l	Lead	Soil
1.5 m	538-146-5	2. STLC	mg/l	Lead	Soil
1.5 m	538-146-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	538-146-5	4. TCLP	mg/l	Lead	Soil
1.5 m	538-146-5	5. PH	mg/kg	Lead	Soil
surface	538-147-0	1. TTLC	mg/kg	Lead	Soil
surface	538-147-0	2. STLC	mg/l	Lead	Soil
surface	538-147-0	3. STLC-DI	mg/l	Lead	Soil
surface	538-147-0	4. TCLP	mg/l	Lead	Soil
surface	538-147-0	5. PH	mg/kg	Lead	Soil
.3 m	538-147-1	1. TTLC	mg/kg	Lead	Soil
.3 m	538-147-1	2. STLC	mg/l	Lead	Soil
.3 m	538-147-1	3. STLC-DI	mg/l	Lead	Soil
.3 m	538-147-1	4. TCLP	mg/l	Lead	Soil
.3 m	538-147-1	5. PH	mg/kg	Lead	Soil
.6 m	538-147-2	1. TTLC	mg/kg	Lead	Soil
.6 m	538-147-2	2. STLC	mg/l	Lead	Soil
.6 m	538-147-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	538-147-2	4. TCLP	mg/l	Lead	Soil
.6 m	538-147-2	5. PH	mg/kg	Lead	Soil
.9 m	538-147-3	1. TTLC	mg/kg	Lead	Soil
.9 m	538-147-3	2. STLC	mg/l	Lead	Soil
.9 m	538-147-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	538-147-3	4. TCLP	mg/l	Lead	Soil
.9 m	538-147-3	5. PH	mg/kg	Lead	Soil
1.5 m	538-147-5	1. TTLC	mg/kg	Lead	Soil
1.5 m	538-147-5	2. STLC	mg/l	Lead	Soil
1.5 m	538-147-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	538-147-5	4. TCLP	mg/l	Lead	Soil
1.5 m	538-147-5	5. PH	mg/kg	Lead	Soil
surface	538-148-0	1. TTLC	mg/kg	Lead	Soil

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surface	538-148-0	2. STLC	mg/l	Lead	Soil
surface	538-148-0	3. STLC-DI	mg/l	Lead	Soil
surface	538-148-0	4. TCLP	mg/l	Lead	Soil
surface	538-148-0	5. PH			Soil
.3 m	538-148-1	1. TTLC	mg/kg	Lead	Soil
.3 m	538-148-1	2. STLC	mg/l	Lead	Soil
.3 m	538-148-1	3. STLC-DI	mg/l	Lead	Soil
.3 m	538-148-1	4. TCLP	mg/l	Lead	Soil
.3 m	538-148-1	5. PH			Soil
.6 m	538-148-2	1. TTLC	mg/kg	Lead	Soil
.6 m	538-148-2	2. STLC	mg/l	Lead	Soil
.6 m	538-148-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	538-148-2	4. TCLP	mg/l	Lead	Soil
.6 m	538-148-2	5. PH			Soil
.9 m	538-148-3	1. TTLC	mg/kg	Lead	Soil
.9 m	538-148-3	2. STLC	mg/l	Lead	Soil
.9 m	538-148-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	538-148-3	4. TCLP	mg/l	Lead	Soil
.9 m	538-148-3	5. PH			Soil
1.5 m	538-148-5	1. TTLC	mg/kg	Lead	Soil
1.5 m	538-148-5	2. STLC	mg/l	Lead	Soil
1.5 m	538-148-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	538-148-5	4. TCLP	mg/l	Lead	Soil
1.5 m	538-148-5	5. PH			Soil
surface	538-149-0	1. TTLC	mg/kg	Lead	Soil
surface	538-149-0	2. STLC	mg/l	Lead	Soil
surface	538-149-0	3. STLC-DI	mg/l	Lead	Soil
surface	538-149-0	4. TCLP	mg/l	Lead	Soil
surface	538-149-0	5. PH			Soil
.3 m	538-149-1	1. TTLC	mg/kg	Lead	Soil
.3 m	538-149-1	2. STLC	mg/l	Lead	Soil
.3 m	538-149-1	3. STLC-DI	mg/l	Lead	Soil
.3 m	538-149-1	4. TCLP	mg/l	Lead	Soil
.3 m	538-149-1	5. PH			Soil
.6 m	538-149-2	1. TTLC	mg/kg	Lead	Soil
.6 m	538-149-2	2. STLC	mg/l	Lead	Soil
.6 m	538-149-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	538-149-2	4. TCLP	mg/l	Lead	Soil

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.6 m	538-149-2	5. PH	mg/kg	Soil
.9 m	538-149-3	1. TTLC	mg/l	Lead
.9 m	538-149-3	2. STLC	mg/l	Lead
.9 m	538-149-3	3. STLC-DI	mg/l	Lead
.9 m	538-149-3	4. TCLP	mg/l	Lead
.9 m	538-149-3	5. PH		Soil
1.5 m	538-149-5	1. TTLC	mg/kg	Lead
1.5 m	538-149-5	2. STLC	mg/l	Lead
1.5 m	538-149-5	3. STLC-DI	mg/l	Lead
1.5 m	538-149-5	4. TCLP	mg/l	Lead
1.5 m	538-149-5	5. PH		Soil
surface	538-150-0	1. TTLC	mg/kg	Lead
surface	538-150-0	2. STLC	mg/l	Lead
surface	538-150-0	3. STLC-DI	mg/l	Lead
surface	538-150-0	4. TCLP	mg/l	Lead
surface	538-150-0	5. PH		Soil
.3 m	538-150-1	1. TTLC	mg/kg	Lead
.3 m	538-150-1	2. STLC	mg/l	Lead
.3 m	538-150-1	3. STLC-DI	mg/l	Lead
.3 m	538-150-1	4. TCLP	mg/l	Lead
.3 m	538-150-1	5. PH		Soil
.6 m	538-150-2	1. TTLC	mg/kg	Lead
.6 m	538-150-2	2. STLC	mg/l	Lead
.6 m	538-150-2	3. STLC-DI	mg/l	Lead
.6 m	538-150-2	4. TCLP	mg/l	Lead
.6 m	538-150-2	5. PH		Soil
.9 m	538-150-3	1. TTLC	mg/kg	Lead
.9 m	538-150-3	2. STLC	mg/l	Lead
.9 m	538-150-3	3. STLC-DI	mg/l	Lead
.9 m	538-150-3	4. TCLP	mg/l	Lead
.9 m	538-150-3	5. PH		Soil
1.5 m	538-150-5	1. TTLC	mg/kg	Lead
1.5 m	538-150-5	2. STLC	mg/l	Lead
1.5 m	538-150-5	3. STLC-DI	mg/l	Lead
1.5 m	538-150-5	4. TCLP	mg/l	Lead
1.5 m	538-150-5	5. PH		Soil
surface	538-151-0	1. TTLC	mg/kg	Lead
surface	538-151-0	2. STLC	mg/l	Lead

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surface	538-151-0	3. STLC-DI	mg/l	Lead	Soil
surface	538-151-0	4. TCLP	mg/l	Lead	Soil
surface	538-151-0	5. PH			Soil
.3 m	538-151-1	1. TTLC	mg/kg	Lead	Soil
.3 m	538-151-1	2. STLC	mg/l	Lead	Soil
.3 m	538-151-1	3. STLC-DI	mg/l	Lead	Soil
.3 m	538-151-1	4. TCLP	mg/l	Lead	Soil
.3 m	538-151-1	5. PH			Soil
.6 m	538-151-2	1. TTLC	mg/kg	Lead	Soil
.6 m	538-151-2	2. STLC	mg/l	Lead	Soil
.6 m	538-151-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	538-151-2	4. TCLP	mg/l	Lead	Soil
.6 m	538-151-2	5. PH			Soil
.9 m	538-151-3	1. TTLC	mg/kg	Lead	Soil
.9 m	538-151-3	2. STLC	mg/l	Lead	Soil
.9 m	538-151-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	538-151-3	4. TCLP	mg/l	Lead	Soil
.9 m	538-151-3	5. PH			Soil
1.5 m	538-151-5	1. TTLC	mg/kg	Lead	Soil
1.5 m	538-151-5	2. STLC	mg/l	Lead	Soil
1.5 m	538-151-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	538-151-5	4. TCLP	mg/l	Lead	Soil
1.5 m	538-151-5	5. PH			Soil
surface	538-152-0	1. TTLC	mg/kg	Lead	Soil
surface	538-152-0	2. STLC	mg/l	Lead	Soil
surface	538-152-0	3. STLC-DI	mg/l	Lead	Soil
surface	538-152-0	4. TCLP	mg/l	Lead	Soil
surface	538-152-0	5. PH			Soil
.3 m	538-152-1	1. TTLC	mg/kg	Lead	Soil
.3 m	538-152-1	2. STLC	mg/l	Lead	Soil
.3 m	538-152-1	3. STLC-DI	mg/l	Lead	Soil
.3 m	538-152-1	4. TCLP	mg/l	Lead	Soil
.3 m	538-152-1	5. PH			Soil
.6 m	538-152-2	1. TTLC	mg/kg	Lead	Soil
.6 m	538-152-2	2. STLC	mg/l	Lead	Soil
.6 m	538-152-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	538-152-2	4. TCLP	mg/l	Lead	Soil
.6 m	538-152-2	5. PH			Soil

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.9 m	538-152-3	1. TTLC	mg/kg	Lead	Soil
.9 m	538-152-3	2. STLC	mg/l	Lead	Soil
.9 m	538-152-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	538-152-3	4. TCLP	mg/l	Lead	Soil
.9 m	538-152-3	5. PH			Soil
1.5 m	538-152-5	1. TTLC	mg/kg	Lead	Soil
1.5 m	538-152-5	2. STLC	mg/l	Lead	Soil
1.5 m	538-152-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	538-152-5	4. TCLP	mg/l	Lead	Soil
1.5 m	538-152-5	5. PH			Soil
surface	538-153-0	1. TTLC	mg/kg	Lead	Soil
surface	538-153-0	2. STLC	mg/l	Lead	Soil
surface	538-153-0	3. STLC-DI	mg/l	Lead	Soil
surface	538-153-0	4. TCLP	mg/l	Lead	Soil
surface	538-153-0	5. PH			Soil
.3 m	538-153-1	1. TTLC	mg/kg	Lead	Soil
.3 m	538-153-1	2. STLC	mg/l	Lead	Soil
.3 m	538-153-1	3. STLC-DI	mg/l	Lead	Soil
.3 m	538-153-1	4. TCLP	mg/l	Lead	Soil
.3 m	538-153-1	5. PH			Soil
.6 m	538-153-2	1. TTLC	mg/kg	Lead	Soil
.6 m	538-153-2	2. STLC	mg/l	Lead	Soil
.6 m	538-153-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	538-153-2	4. TCLP	mg/l	Lead	Soil
.6 m	538-153-2	5. PH			Soil
.9 m	538-153-3	1. TTLC	mg/kg	Lead	Soil
.9 m	538-153-3	2. STLC	mg/l	Lead	Soil
.9 m	538-153-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	538-153-3	4. TCLP	mg/l	Lead	Soil
.9 m	538-153-3	5. PH			Soil
1.5 m	538-153-5	1. TTLC	mg/kg	Lead	Soil
1.5 m	538-153-5	2. STLC	mg/l	Lead	Soil
1.5 m	538-153-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	538-153-5	4. TCLP	mg/l	Lead	Soil
1.5 m	538-153-5	5. PH			Soil
surface	538-154-0	1. TTLC	mg/kg	Lead	Soil
surface	538-154-0	2. STLC	mg/l	Lead	Soil
surface	538-154-0	3. STLC-DI	mg/l	Lead	Soil

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surface	538-154-0	4. TCLP	mg/l	Lead	Soil
surface	538-154-0	5. PH			Soil
.3 m	538-154-1	1. TTLC	mg/kg	Lead	Soil
.3 m	538-154-1	2. STLC	mg/l	Lead	Soil
.3 m	538-154-1	3. STLC-DI	mg/l	Lead	Soil
.3 m	538-154-1	4. TCLP	mg/l	Lead	Soil
.3 m	538-154-1	5. PH			Soil
.6 m	538-154-2	1. TTLC	mg/kg	Lead	Soil
.6 m	538-154-2	2. STLC	mg/l	Lead	Soil
.6 m	538-154-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	538-154-2	4. TCLP	mg/l	Lead	Soil
.6 m	538-154-2	5. PH			Soil
.9 m	538-154-3	1. TTLC	mg/kg	Lead	Soil
.9 m	538-154-3	2. STLC	mg/l	Lead	Soil
.9 m	538-154-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	538-154-3	4. TCLP	mg/l	Lead	Soil
.9 m	538-154-3	5. PH			Soil
1.5 m	538-154-5	1. TTLC	mg/kg	Lead	Soil
1.5 m	538-154-5	2. STLC	mg/l	Lead	Soil
1.5 m	538-154-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	538-154-5	4. TCLP	mg/l	Lead	Soil
1.5 m	538-154-5	5. PH			Soil
surface	538-155-0	1. TTLC	mg/kg	Lead	Soil
surface	538-155-0	2. STLC	mg/l	Lead	Soil
surface	538-155-0	3. STLC-DI	mg/l	Lead	Soil
surface	538-155-0	4. TCLP	mg/l	Lead	Soil
surface	538-155-0	5. PH			Soil
.3 m	538-155-1	1. TTLC	mg/kg	Lead	Soil
.3 m	538-155-1	2. STLC	mg/l	Lead	Soil
.3 m	538-155-1	3. STLC-DI	mg/l	Lead	Soil
.3 m	538-155-1	4. TCLP	mg/l	Lead	Soil
.3 m	538-155-1	5. PH			Soil
.6 m	538-155-2	1. TTLC	mg/kg	Lead	Soil
.6 m	538-155-2	2. STLC	mg/l	Lead	Soil
.6 m	538-155-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	538-155-2	4. TCLP	mg/l	Lead	Soil
.6 m	538-155-2	5. PH			Soil
.9 m	538-155-3	1. TTLC	mg/kg	Lead	Soil

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.9 m	538-155-3	2. STLC	mg/l	Lead	Soil
.9 m	538-155-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	538-155-3	4. TCLP	mg/l	Lead	Soil
.9 m	538-155-3	5. PH			Soil
1.5 m	538-155-5	1. TTLC	mg/kg	Lead	Soil
1.5 m	538-155-5	2. STLC	mg/l	Lead	Soil
1.5 m	538-155-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	538-155-5	4. TCLP	mg/l	Lead	Soil
1.5 m	538-155-5	5. PH			Soil
surface	538-156-0	1. TTLC	mg/kg	Lead	Soil
surface	538-156-0	2. STLC	mg/l	Lead	Soil
surface	538-156-0	3. STLC-DI	mg/l	Lead	Soil
surface	538-156-0	4. TCLP	mg/l	Lead	Soil
surface	538-156-0	5. PH			Soil
.3 m	538-156-1	1. TTLC	mg/kg	Lead	Soil
.3 m	538-156-1	2. STLC	mg/l	Lead	Soil
.3 m	538-156-1	3. STLC-DI	mg/l	Lead	Soil
.3 m	538-156-1	4. TCLP	mg/l	Lead	Soil
.3 m	538-156-1	5. PH			Soil
.6 m	538-156-2	1. TTLC	mg/kg	Lead	Soil
.6 m	538-156-2	2. STLC	mg/l	Lead	Soil
.6 m	538-156-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	538-156-2	4. TCLP	mg/l	Lead	Soil
.6 m	538-156-2	5. PH			Soil
.9 m	538-156-3	1. TTLC	mg/kg	Lead	Soil
.9 m	538-156-3	2. STLC	mg/l	Lead	Soil
.9 m	538-156-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	538-156-3	4. TCLP	mg/l	Lead	Soil
.9 m	538-156-3	5. PH			Soil
1.5 m	538-156-5	1. TTLC	mg/kg	Lead	Soil
1.5 m	538-156-5	2. STLC	mg/l	Lead	Soil
1.5 m	538-156-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	538-156-5	4. TCLP	mg/l	Lead	Soil
1.5 m	538-156-5	5. PH			Soil
surface	538-157-0	1. TTLC	mg/kg	Lead	Soil
surface	538-157-0	2. STLC	mg/l	Lead	Soil
surface	538-157-0	3. STLC-DI	mg/l	Lead	Soil
surface	538-157-0	4. TCLP	mg/l	Lead	Soil



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.9 m	538-158-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	538-158-3	4. TCLP	mg/l	Lead	Soil
.9 m	538-158-3	5. PH			Soil
1.5 m	538-158-5	1. TTLC	mg/kg	Lead	Soil
1.5 m	538-158-5	2. STLC	mg/l	Lead	Soil
1.5 m	538-158-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	538-158-5	4. TCLP	mg/l	Lead	Soil
1.5 m	538-158-5	5. PH			Soil
surface	538-159-0	1. TTLC	mg/kg	Lead	Soil
surface	538-159-0	2. STLC	mg/l	Lead	Soil
surface	538-159-0	3. STLC-DI	mg/l	Lead	Soil
surface	538-159-0	4. TCLP	mg/l	Lead	Soil
surface	538-159-0	5. PH			Soil
.3 m	538-159-1	1. TTLC	mg/kg	Lead	Soil
.3 m	538-159-1	2. STLC	mg/l	Lead	Soil
.3 m	538-159-1	3. STLC-DI	mg/l	Lead	Soil
.3 m	538-159-1	4. TCLP	mg/l	Lead	Soil
.3 m	538-159-1	5. PH			Soil
.6 m	538-159-2	1. TTLC	mg/kg	Lead	Soil
.6 m	538-159-2	2. STLC	mg/l	Lead	Soil
.6 m	538-159-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	538-159-2	4. TCLP	mg/l	Lead	Soil
.6 m	538-159-2	5. PH			Soil
.9 m	538-159-3	1. TTLC	mg/kg	Lead	Soil
.9 m	538-159-3	2. STLC	mg/l	Lead	Soil
.9 m	538-159-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	538-159-3	4. TCLP	mg/l	Lead	Soil
.9 m	538-159-3	5. PH			Soil
1.5 m	538-159-5	1. TTLC	mg/kg	Lead	Soil
1.5 m	538-159-5	2. STLC	mg/l	Lead	Soil
1.5 m	538-159-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	538-159-5	4. TCLP	mg/l	Lead	Soil
1.5 m	538-159-5	5. PH			Soil
surface	538-160-0	1. TTLC	mg/kg	Lead	Soil
surface	538-160-0	2. STLC	mg/l	Lead	Soil
surface	538-160-0	3. STLC-DI	mg/l	Lead	Soil
surface	538-160-0	4. TCLP	mg/l	Lead	Soil
surface	538-160-0	5. PH			Soil



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.9 m	539-101-3	4. TCLP	mg/l	Lead	Soil	
.9 m	539-101-3	5. PH		Lead	Soil	
1.5 m	539-101-5	1. TTLC	mg/kg	Lead	Soil	
1.5 m	539-101-5	2. STLC	mg/l	Lead	Soil	
1.5 m	539-101-5	3. STLC-DI	mg/l	Lead	Soil	
1.5 m	539-101-5	4. TCLP	mg/l	Lead	Soil	
1.5 m	539-101-5	5. PH		Lead	Soil	
3/19/2002 surface	539-102-0	1. TTLC	940 mg/kg	Lead	Soil	ATL
3/19/2002 surface	539-102-0	2. STLC	62 mg/l	Lead	Soil	ATL
3/19/2002 surface	539-102-0	3. STLC-DI	1.7 mg/l	Lead	Soil	ATL
surface	539-102-0	4. TCLP	mg/l	Lead	Soil	
surface	539-102-0	5. PH		Lead	Soil	
3/19/2002 .3 m	539-102-1	1. TTLC	520 mg/kg	Lead	Soil	ATL
3/19/2002 .3 m	539-102-1	2. STLC	44 mg/l	Lead	Soil	ATL
3/19/2002 .3 m	539-102-1	3. STLC-DI	1.9 mg/l	Lead	Soil	ATL
.3 m	539-102-1	4. TCLP	mg/l	Lead	Soil	
.3 m	539-102-1	5. PH		Lead	Soil	
3/19/2002 .6 m	539-102-2	1. TTLC	63 mg/kg	Lead	Soil	ATL
3/19/2002 .6 m	539-102-2	2. STLC	2.6 mg/l	Lead	Soil	ATL
.6 m	539-102-2	3. STLC-DI	mg/l	Lead	Soil	
.6 m	539-102-2	4. TCLP	mg/l	Lead	Soil	
.6 m	539-102-2	5. PH		Lead	Soil	
.9 m	539-102-3	1. TTLC	mg/kg	Lead	Soil	
.9 m	539-102-3	2. STLC	mg/l	Lead	Soil	
.9 m	539-102-3	3. STLC-DI	mg/l	Lead	Soil	
.9 m	539-102-3	4. TCLP	mg/l	Lead	Soil	
.9 m	539-102-3	5. PH		Lead	Soil	
1.5 m	539-102-5	1. TTLC	mg/kg	Lead	Soil	
1.5 m	539-102-5	2. STLC	mg/l	Lead	Soil	
1.5 m	539-102-5	3. STLC-DI	mg/l	Lead	Soil	
1.5 m	539-102-5	4. TCLP	mg/l	Lead	Soil	
1.5 m	539-102-5	5. PH		Lead	Soil	
3/19/2002 surface	539-103-0	1. TTLC	10 mg/kg	Lead	Soil	ATL
surface	539-103-0	2. STLC	mg/l	Lead	Soil	
surface	539-103-0	3. STLC-DI	mg/l	Lead	Soil	
surface	539-103-0	4. TCLP	mg/l	Lead	Soil	
surface	539-103-0	5. PH		Lead	Soil	
3/19/2002 .3 m	539-103-1	1. TTLC	43 mg/kg	Lead	Soil	ATL

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3/19/2002	.6 m	539-103-2	1. TTLC	ND	mg/kg	5	3/24/2002	Lead	Soil	ATL
	.6 m	539-103-2	2. STLC		mg/l			Lead	Soil	
	.6 m	539-103-2	3. STLC-DI		mg/l			Lead	Soil	
	.6 m	539-103-2	4. TCLP		mg/l			Lead	Soil	
	.6 m	539-103-2	5. PH		mg/l			Lead	Soil	
3/19/2002	.9 m	539-103-3	1. TTLC		8.1 mg/kg	5	3/24/2002	Lead	Soil	ATL
	.9 m	539-103-3	2. STLC		mg/l			Lead	Soil	
	.9 m	539-103-3	3. STLC-DI		mg/l			Lead	Soil	
	.9 m	539-103-3	4. TCLP		mg/l			Lead	Soil	
	.9 m	539-103-3	5. PH		mg/l			Lead	Soil	
	1.5 m	539-103-5	1. TTLC		mg/kg			Lead	Soil	
	1.5 m	539-103-5	2. STLC		mg/l			Lead	Soil	
	1.5 m	539-103-5	3. STLC-DI		mg/l			Lead	Soil	
	1.5 m	539-103-5	4. TCLP		mg/l			Lead	Soil	
	1.5 m	539-103-5	5. PH		mg/l			Lead	Soil	
3/19/2002	surface	539-104-0	1. TTLC		780 mg/kg	5	3/24/2002	Lead	Soil	ATL
	surface	539-104-0	2. STLC		63 mg/l	0.2	3/29/2002	Lead	Soil	ATL
	surface	539-104-0	3. STLC-DI		1.3 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	surface	539-104-0	4. TCLP		mg/l			Lead	Soil	
	surface	539-104-0	5. PH		mg/l			Lead	Soil	
3/19/2002	.3 m	539-104-1	1. TTLC		290 mg/kg	5	3/24/2002	Lead	Soil	ATL
	.3 m	539-104-1	2. STLC		25 mg/l	0.2	3/29/2002	Lead	Soil	ATL
	.3 m	539-104-1	3. STLC-DI		0.97 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	.3 m	539-104-1	4. TCLP		mg/l			Lead	Soil	
	.3 m	539-104-1	5. PH		mg/l			Lead	Soil	
3/19/2002	.6 m	539-104-2	1. TTLC		66 mg/kg	5	3/24/2002	Lead	Soil	ATL
	.6 m	539-104-2	2. STLC		4.7 mg/l	0.2	3/29/2002	Lead	Soil	ATL
	.6 m	539-104-2	3. STLC-DI		mg/l			Lead	Soil	
	.6 m	539-104-2	4. TCLP		mg/l			Lead	Soil	
	.6 m	539-104-2	5. PH		7.16	0.1	3/22/2002	Lead	Soil	ATL
3/19/2002	.9 m	539-104-3	1. TTLC		330 mg/kg	5	3/24/2002	Lead	Soil	ATL
	.9 m	539-104-3	2. STLC		20 mg/l	0.2	3/29/2002	Lead	Soil	ATL
	.9 m	539-104-3	3. STLC-DI	ND	mg/l	0.2	4/9/2002	Lead	Soil	ATL
	.9 m	539-104-3	4. TCLP		mg/l			Lead	Soil	

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Depth	Sample ID	Method	Concentration	Date	Soil
.9 m	539-104-3	5. PH			
1.5 m	539-104-5	1. TTLC	mg/kg		Soil
1.5 m	539-104-5	2. STLC	mg/l		Soil
1.5 m	539-104-5	3. STLC-DI	mg/l		Soil
1.5 m	539-104-5	4. TCLP	mg/l		Soil
1.5 m	539-104-5	5. PH			Soil
3/19/2002 surface	539-105-0	1. TTLC	1100 mg/kg	3/24/2002	Soil ATL
surface	539-105-0	2. STLC	mg/l		Soil
surface	539-105-0	3. STLC-DI	mg/l		Soil
3/19/2002 surface	539-105-0	4. TCLP	4.3 mg/l	3/28/2002	Soil ATL
surface	539-105-0	5. PH			Soil
3/19/2002 .3 m	539-105-1	1. TTLC	62 mg/kg	3/24/2002	Soil ATL
3/19/2002 .3 m	539-105-1	2. STLC	2.3 mg/l	3/29/2002	Soil ATL
.3 m	539-105-1	3. STLC-DI	mg/l		Soil
.3 m	539-105-1	4. TCLP	mg/l		Soil
.3 m	539-105-1	5. PH			Soil
3/19/2002 .6 m	539-105-2	1. TTLC	14 mg/kg	3/24/2002	Soil ATL
.6 m	539-105-2	2. STLC	mg/l		Soil
.6 m	539-105-2	3. STLC-DI	mg/l		Soil
.6 m	539-105-2	4. TCLP	mg/l		Soil
.6 m	539-105-2	5. PH			Soil
.9 m	539-105-3	1. TTLC	mg/kg		Soil
.9 m	539-105-3	2. STLC	mg/l		Soil
.9 m	539-105-3	3. STLC-DI	mg/l		Soil
.9 m	539-105-3	4. TCLP	mg/l		Soil
.9 m	539-105-3	5. PH			Soil
1.5 m	539-105-5	1. TTLC	mg/kg		Soil
1.5 m	539-105-5	2. STLC	mg/l		Soil
1.5 m	539-105-5	3. STLC-DI	mg/l		Soil
1.5 m	539-105-5	4. TCLP	mg/l		Soil
1.5 m	539-105-5	5. PH			Soil
3/19/2002 surface	539-106-0	1. TTLC	850 mg/kg	3/24/2002	Soil ATL
3/19/2002 surface	539-106-0	2. STLC	64 mg/l	3/29/2002	Soil ATL
3/19/2002 surface	539-106-0	3. STLC-DI	0.57 mg/l	4/9/2002	Soil ATL
surface	539-106-0	4. TCLP	mg/l		Soil
surface	539-106-0	5. PH			Soil
3/19/2002 .3 m	539-106-1	1. TTLC	440 mg/kg	3/24/2002	Soil ATL
3/19/2002 .3 m	539-106-1	2. STLC	35 mg/l	3/29/2002	Soil ATL

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Date	Depth	Sample ID	Method	Concentration	Date	Media	Notes
3/19/2002	.3 m	539-106-1	3. STLC-DI	0.38 mg/l	4/9/2002	Soil	ATL
	.3 m	539-106-1	4. TCLP	mg/l		Soil	
	.3 m	539-106-1	5. PH			Soil	
3/19/2002	.6 m	539-106-2	1. TTLC	10 mg/kg	3/24/2002	Soil	ATL
	.6 m	539-106-2	2. STLC	mg/l		Soil	
	.6 m	539-106-2	3. STLC-DI	mg/l		Soil	
	.6 m	539-106-2	4. TCLP	mg/l		Soil	
	.6 m	539-106-2	5. PH	mg/l		Soil	
3/19/2002	.9 m	539-106-3	1. TTLC	6.8 mg/kg	3/24/2002	Soil	ATL
	.9 m	539-106-3	2. STLC	mg/l		Soil	
	.9 m	539-106-3	3. STLC-DI	mg/l		Soil	
	.9 m	539-106-3	4. TCLP	mg/l		Soil	
	.9 m	539-106-3	5. PH	mg/l		Soil	
	1.5 m	539-106-5	1. TTLC	mg/kg		Soil	
	1.5 m	539-106-5	2. STLC	mg/l		Soil	
	1.5 m	539-106-5	3. STLC-DI	mg/l		Soil	
	1.5 m	539-106-5	4. TCLP	mg/l		Soil	
	1.5 m	539-106-5	5. PH	mg/l		Soil	
3/19/2002	surface	539-107-0	1. TTLC	140 mg/kg	3/24/2002	Soil	ATL
3/19/2002	surface	539-107-0	2. STLC	7.7 mg/l	3/29/2002	Soil	ATL
3/19/2002	surface	539-107-0	3. STLC-DI	ND	4/9/2002	Soil	ATL
	surface	539-107-0	4. TCLP	mg/l		Soil	
3/19/2002	surface	539-107-0	5. PH	7.68	3/22/2002	Soil	ATL
3/19/2002	.3 m	539-107-1	1. TTLC	36 mg/kg	3/24/2002	Soil	ATL
	.3 m	539-107-1	2. STLC	mg/l		Soil	
	.3 m	539-107-1	3. STLC-DI	mg/l		Soil	
	.3 m	539-107-1	4. TCLP	mg/l		Soil	
	.3 m	539-107-1	5. PH	mg/l		Soil	
	.6 m	539-107-2	1. TTLC	mg/kg		Soil	
	.6 m	539-107-2	2. STLC	mg/l		Soil	
	.6 m	539-107-2	3. STLC-DI	mg/l		Soil	
	.6 m	539-107-2	4. TCLP	mg/l		Soil	
	.6 m	539-107-2	5. PH	mg/l		Soil	
	.9 m	539-107-3	1. TTLC	mg/kg		Soil	
	.9 m	539-107-3	2. STLC	mg/l		Soil	
	.9 m	539-107-3	3. STLC-DI	mg/l		Soil	
	.9 m	539-107-3	4. TCLP	mg/l		Soil	
	.9 m	539-107-3	5. PH	mg/l		Soil	

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1.5 m	539-107-5	1. TTLC	mg/kg			Soil	
1.5 m	539-107-5	2. STLC	mg/l			Soil	
1.5 m	539-107-5	3. STLC-DI	mg/l			Soil	
1.5 m	539-107-5	4. TCLP	mg/l			Soil	
1.5 m	539-107-5	5. PH				Soil	
3/19/2002 surface	539-108-0	1. TTLC	40 mg/kg	5	3/24/2002	Soil	ATL
surface	539-108-0	2. STLC	mg/l			Soil	
surface	539-108-0	3. STLC-DI	mg/l			Soil	
surface	539-108-0	4. TCLP	mg/l			Soil	
surface	539-108-0	5. PH				Soil	
3/19/2002 .3 m	539-108-1	1. TTLC	20 mg/kg	5	3/24/2002	Soil	ATL
.3 m	539-108-1	2. STLC	mg/l			Soil	
.3 m	539-108-1	3. STLC-DI	mg/l			Soil	
.3 m	539-108-1	4. TCLP	mg/l			Soil	
.3 m	539-108-1	5. PH				Soil	
3/19/2002 .6 m	539-108-2	1. TTLC	8.4 mg/kg	5	3/24/2002	Soil	ATL
.6 m	539-108-2	2. STLC	mg/l			Soil	
.6 m	539-108-2	3. STLC-DI	mg/l			Soil	
.6 m	539-108-2	4. TCLP	mg/l			Soil	
.6 m	539-108-2	5. PH				Soil	
3/19/2002 .9 m	539-108-3	1. TTLC	50 mg/kg	5	3/24/2002	Soil	ATL
.9 m	539-108-3	2. STLC	mg/l			Soil	
.9 m	539-108-3	3. STLC-DI	mg/l			Soil	
.9 m	539-108-3	4. TCLP	mg/l			Soil	
.9 m	539-108-3	5. PH				Soil	
1.5 m	539-108-5	1. TTLC	mg/kg			Soil	
1.5 m	539-108-5	2. STLC	mg/l			Soil	
1.5 m	539-108-5	3. STLC-DI	mg/l			Soil	
1.5 m	539-108-5	4. TCLP	mg/l			Soil	
1.5 m	539-108-5	5. PH				Soil	
3/19/2002 surface	539-109-0	1. TTLC	400 mg/kg	5	3/24/2002	Soil	ATL
3/19/2002 surface	539-109-0	2. STLC	38 mg/l	0.2	3/29/2002	Soil	ATL
3/19/2002 surface	539-109-0	3. STLC-DI	0.73 mg/l	0.2	4/9/2002	Soil	ATL
surface	539-109-0	4. TCLP	mg/l			Soil	
surface	539-109-0	5. PH				Soil	
3/19/2002 .3 m	539-109-1	1. TTLC	91 mg/kg	5	3/24/2002	Soil	ATL
3/19/2002 .3 m	539-109-1	2. STLC	12 mg/l	0.2	3/29/2002	Soil	ATL
3/19/2002 .3 m	539-109-1	3. STLC-DI	0.38 mg/l	0.2	4/9/2002	Soil	ATL

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Depth	Sample ID	Method	Concentration	Unit	Soil Type	Date
.3 m	539-109-1	4. TCLP		mg/l	Soil	
.3 m	539-109-1	5. PH			Soil	
3/19/2002 .6 m	539-109-2	1. TTLC	190	mg/kg	Soil	3/24/2002
3/19/2002 .6 m	539-109-2	2. STLC	13	mg/l	Soil	3/29/2002
3/19/2002 .6 m	539-109-2	3. STLC-DI	0.21	mg/l	Soil	4/9/2002
.6 m	539-109-2	4. TCLP		mg/l	Soil	
.6 m	539-109-2	5. PH			Soil	
.9 m	539-109-3	1. TTLC		mg/kg	Soil	
.9 m	539-109-3	2. STLC		mg/l	Soil	
.9 m	539-109-3	3. STLC-DI		mg/l	Soil	
.9 m	539-109-3	4. TCLP		mg/l	Soil	
.9 m	539-109-3	5. PH			Soil	
1.5 m	539-109-5	1. TTLC		mg/kg	Soil	
1.5 m	539-109-5	2. STLC		mg/l	Soil	
1.5 m	539-109-5	3. STLC-DI		mg/l	Soil	
1.5 m	539-109-5	4. TCLP		mg/l	Soil	
1.5 m	539-109-5	5. PH			Soil	
3/19/2002 surface	539-110-0	1. TTLC	320	mg/kg	Soil	3/24/2002
3/19/2002 surface	539-110-0	2. STLC	23	mg/l	Soil	3/29/2002
3/19/2002 surface	539-110-0	3. STLC-DI	ND	mg/l	Soil	4/9/2002
surface	539-110-0	4. TCLP		mg/l	Soil	
surface	539-110-0	5. PH			Soil	
3/19/2002 .3 m	539-110-1	1. TTLC	490	mg/kg	Soil	3/24/2002
3/19/2002 .3 m	539-110-1	2. STLC	35	mg/l	Soil	3/29/2002
3/19/2002 .3 m	539-110-1	3. STLC-DI	1.2	mg/l	Soil	4/9/2002
.3 m	539-110-1	4. TCLP		mg/l	Soil	
3/19/2002 .3 m	539-110-1	5. PH	7.83		Soil	3/22/2002
3/19/2002 .6 m	539-110-2	1. TTLC	57	mg/kg	Soil	3/24/2002
3/19/2002 .6 m	539-110-2	2. STLC	3.2	mg/l	Soil	3/29/2002
3/19/2002 .6 m	539-110-2	3. STLC-DI		mg/l	Soil	
.6 m	539-110-2	4. TCLP		mg/l	Soil	
.6 m	539-110-2	5. PH			Soil	
3/19/2002 .9 m	539-110-3	1. TTLC	120	mg/kg	Soil	3/24/2002
3/19/2002 .9 m	539-110-3	2. STLC	10	mg/l	Soil	3/29/2002
3/19/2002 .9 m	539-110-3	3. STLC-DI	ND	mg/l	Soil	4/9/2002
.9 m	539-110-3	4. TCLP		mg/l	Soil	
.9 m	539-110-3	5. PH			Soil	
1.5 m	539-110-5	1. TTLC		mg/kg	Soil	

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1.5 m	539-110-5	2. STLC	mg/l		Soil	
1.5 m	539-110-5	3. STLC-DI	mg/l		Soil	
1.5 m	539-110-5	4. TCLP	mg/l		Soil	
1.5 m	539-110-5	5. PH			Soil	
3/19/2002 surface	539-111-0	1. TTLC	870 mg/kg	5	Soil	ATL
3/19/2002 surface	539-111-0	2. STLC	75 mg/l	0.2	Soil	ATL
3/19/2002 surface	539-111-0	3. STLC-DI	0.64 mg/l	0.2	Soil	ATL
surface	539-111-0	4. TCLP	mg/l		Soil	
surface	539-111-0	5. PH			Soil	
3/19/2002 .3 m	539-111-1	1. TTLC	370 mg/kg	5	Soil	ATL
3/19/2002 .3 m	539-111-1	2. STLC	30 mg/l	0.2	Soil	ATL
3/19/2002 .3 m	539-111-1	3. STLC-DI	0.34 mg/l	0.2	Soil	ATL
.3 m	539-111-1	4. TCLP	mg/l		Soil	
.3 m	539-111-1	5. PH			Soil	
3/19/2002 .6 m	539-111-2	1. TTLC	82 mg/kg	5	Soil	ATL
3/19/2002 .6 m	539-111-2	2. STLC	6.9 mg/l	0.2	Soil	ATL
3/19/2002 .6 m	539-111-2	3. STLC-DI	ND	0.2	Soil	ATL
.6 m	539-111-2	4. TCLP	mg/l		Soil	
.6 m	539-111-2	5. PH			Soil	
3/19/2002 .9 m	539-111-3	1. TTLC	330 mg/kg	5	Soil	ATL
3/19/2002 .9 m	539-111-3	2. STLC	26 mg/l	0.2	Soil	ATL
3/19/2002 .9 m	539-111-3	3. STLC-DI	0.42 mg/l	0.2	Soil	ATL
.9 m	539-111-3	4. TCLP	mg/l		Soil	
.9 m	539-111-3	5. PH			Soil	
1.5 m	539-111-5	1. TTLC	mg/kg		Soil	
1.5 m	539-111-5	2. STLC	mg/l		Soil	
1.5 m	539-111-5	3. STLC-DI	mg/l		Soil	
1.5 m	539-111-5	4. TCLP	mg/l		Soil	
1.5 m	539-111-5	5. PH			Soil	
3/19/2002 surface	539-112-0	1. TTLC	120 mg/kg	5	Soil	ATL
3/19/2002 surface	539-112-0	2. STLC	8.8 mg/l	0.2	Soil	ATL
3/19/2002 surface	539-112-0	3. STLC-DI	ND	0.2	Soil	ATL
surface	539-112-0	4. TCLP	mg/l		Soil	
surface	539-112-0	5. PH			Soil	
3/19/2002 .3 m	539-112-1	1. TTLC	360 mg/kg	5	Soil	ATL
3/19/2002 .3 m	539-112-1	2. STLC	36 mg/l	0.2	Soil	ATL
3/19/2002 .3 m	539-112-1	3. STLC-DI	0.34 mg/l	0.2	Soil	ATL
.3 m	539-112-1	4. TCLP	mg/l		Soil	



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1.5 m	539-113-5	3. STLC-DI	mg/l			Soil
1.5 m	539-113-5	4. TCLP	mg/l			Soil
1.5 m	539-113-5	5. PH				Soil
3/19/2002 surface	539-114-0	1. TTLC	670 mg/kg	5	3/24/2002	Soil ATL
3/19/2002 surface	539-114-0	2. STLC	59 mg/l	0.2	3/29/2002	Soil ATL
3/19/2002 surface	539-114-0	3. STLC-DI	0.38 mg/l	0.2	4/9/2002	Soil ATL
surface	539-114-0	4. TCLP	mg/l			Soil
surface	539-114-0	5. PH				Soil
3/19/2002 .3 m	539-114-1	1. TTLC	480 mg/kg	5	3/24/2002	Soil ATL
3/19/2002 .3 m	539-114-1	2. STLC	45 mg/l	0.2	3/29/2002	Soil ATL
3/19/2002 .3 m	539-114-1	3. STLC-DI	0.6 mg/l	0.2	4/9/2002	Soil ATL
.3 m	539-114-1	4. TCLP	mg/l			Soil
.3 m	539-114-1	5. PH				Soil
3/19/2002 .6 m	539-114-2	1. TTLC	130 mg/kg	5	3/24/2002	Soil ATL
3/19/2002 .6 m	539-114-2	2. STLC	3.8 mg/l	0.2	3/29/2002	Soil ATL
.6 m	539-114-2	3. STLC-DI	mg/l			Soil
.6 m	539-114-2	4. TCLP	mg/l			Soil
.6 m	539-114-2	5. PH				Soil
3/19/2002 .9 m	539-114-3	1. TTLC	54 mg/kg	5	3/24/2002	Soil ATL
3/19/2002 .9 m	539-114-3	2. STLC	3.4 mg/l	0.2	3/29/2002	Soil ATL
.9 m	539-114-3	3. STLC-DI	mg/l			Soil
.9 m	539-114-3	4. TCLP	mg/l			Soil
.9 m	539-114-3	5. PH				Soil
1.5 m	539-114-5	1. TTLC	mg/kg			Soil
1.5 m	539-114-5	2. STLC	mg/l			Soil
1.5 m	539-114-5	3. STLC-DI	mg/l			Soil
1.5 m	539-114-5	4. TCLP	mg/l			Soil
1.5 m	539-114-5	5. PH				Soil
3/19/2002 surface	539-115-0	1. TTLC	430 mg/kg	5	3/24/2002	Soil ATL
3/19/2002 surface	539-115-0	2. STLC	36 mg/l	0.2	3/29/2002	Soil ATL
3/19/2002 surface	539-115-0	3. STLC-DI	0.27 mg/l	0.2	4/9/2002	Soil ATL
surface	539-115-0	4. TCLP	mg/l			Soil
surface	539-115-0	5. PH				Soil
3/19/2002 .3 m	539-115-1	1. TTLC	37 mg/kg	5	3/24/2002	Soil ATL
.3 m	539-115-1	2. STLC	mg/l			Soil
.3 m	539-115-1	3. STLC-DI	mg/l			Soil
.3 m	539-115-1	4. TCLP	mg/l			Soil
3/19/2002 .3 m	539-115-1	5. PH	7.44	0.1	3/22/2002	Soil ATL

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Date	Depth	Sample ID	Method	Concentration	Units	Media	ATL
3/19/2002	.6 m	539-115-2	1. TTLC	23	mg/kg	Soil	ATL
	.6 m	539-115-2	2. STLC		mg/l	Soil	
	.6 m	539-115-2	3. STLC-DI		mg/l	Soil	
	.6 m	539-115-2	4. TCLP		mg/l	Soil	
	.6 m	539-115-2	5. PH		mg/l	Soil	
	.9 m	539-115-3	1. TTLC		mg/kg	Soil	
	.9 m	539-115-3	2. STLC		mg/l	Soil	
	.9 m	539-115-3	3. STLC-DI		mg/l	Soil	
	.9 m	539-115-3	4. TCLP		mg/l	Soil	
	.9 m	539-115-3	5. PH		mg/l	Soil	
	1.5 m	539-115-5	1. TTLC		mg/kg	Soil	
	1.5 m	539-115-5	2. STLC		mg/l	Soil	
	1.5 m	539-115-5	3. STLC-DI		mg/l	Soil	
	1.5 m	539-115-5	4. TCLP		mg/l	Soil	
	1.5 m	539-115-5	5. PH		mg/l	Soil	
3/19/2002	surface	539-116-0	1. TTLC	990	mg/kg	Soil	ATL
3/19/2002	surface	539-116-0	2. STLC	110	mg/l	Soil	ATL
3/19/2002	surface	539-116-0	3. STLC-DI	7	mg/l	Soil	ATL
	surface	539-116-0	4. TCLP		mg/l	Soil	
	surface	539-116-0	5. PH		mg/l	Soil	
3/19/2002	.3 m	539-116-1	1. TTLC	380	mg/kg	Soil	ATL
3/19/2002	.3 m	539-116-1	2. STLC	34	mg/l	Soil	ATL
3/19/2002	.3 m	539-116-1	3. STLC-DI	1.2	mg/l	Soil	ATL
	.3 m	539-116-1	4. TCLP		mg/l	Soil	
	.3 m	539-116-1	5. PH		mg/l	Soil	
3/19/2002	.6 m	539-116-2	1. TTLC	260	mg/kg	Soil	ATL
3/19/2002	.6 m	539-116-2	2. STLC	9.1	mg/l	Soil	ATL
3/19/2002	.6 m	539-116-2	3. STLC-DI	0.33	mg/l	Soil	ATL
	.6 m	539-116-2	4. TCLP		mg/l	Soil	
	.6 m	539-116-2	5. PH		mg/l	Soil	
3/19/2002	.9 m	539-116-3	1. TTLC	180	mg/kg	Soil	ATL
3/19/2002	.9 m	539-116-3	2. STLC	17	mg/l	Soil	ATL
3/19/2002	.9 m	539-116-3	3. STLC-DI	0.62	mg/l	Soil	ATL
	.9 m	539-116-3	4. TCLP		mg/l	Soil	
	.9 m	539-116-3	5. PH		mg/l	Soil	
	1.5 m	539-116-5	1. TTLC		mg/kg	Soil	
	1.5 m	539-116-5	2. STLC		mg/l	Soil	
	1.5 m	539-116-5	3. STLC-DI		mg/l	Soil	

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1.5 m	539-116-5	4. TCLP	mg/l		Soil			
1.5 m	539-116-5	5. PH			Soil			
3/19/2002 surface	539-117-0	1. TTLC	28 mg/kg	5	Soil	3/24/2002	ATL	
surface	539-117-0	2. STLC	mg/l		Soil			
surface	539-117-0	3. STLC-DI	mg/l		Soil			
surface	539-117-0	4. TCLP	mg/l		Soil			
surface	539-117-0	5. PH			Soil			
3/19/2002 .3 m	539-117-1	1. TTLC	10 mg/kg	5	Soil	3/24/2002	ATL	
.3 m	539-117-1	2. STLC	mg/l		Soil			
.3 m	539-117-1	3. STLC-DI	mg/l		Soil			
.3 m	539-117-1	4. TCLP	mg/l		Soil			
.3 m	539-117-1	5. PH			Soil			
3/19/2002 .6 m	539-117-2	1. TTLC	18 mg/kg	5	Soil	3/24/2002	ATL	
.6 m	539-117-2	2. STLC	mg/l		Soil			
.6 m	539-117-2	3. STLC-DI	mg/l		Soil			
.6 m	539-117-2	4. TCLP	mg/l		Soil			
.6 m	539-117-2	5. PH			Soil			
.9 m	539-117-3	1. TTLC	mg/kg		Soil			
.9 m	539-117-3	2. STLC	mg/l		Soil			
.9 m	539-117-3	3. STLC-DI	mg/l		Soil			
.9 m	539-117-3	4. TCLP	mg/l		Soil			
.9 m	539-117-3	5. PH			Soil			
1.5 m	539-117-5	1. TTLC	mg/kg		Soil			
1.5 m	539-117-5	2. STLC	mg/l		Soil			
1.5 m	539-117-5	3. STLC-DI	mg/l		Soil			
1.5 m	539-117-5	4. TCLP	mg/l		Soil			
1.5 m	539-117-5	5. PH			Soil			
3/19/2002 surface	539-118-0	1. TTLC	12 mg/kg	5	Soil	3/24/2002	ATL	
surface	539-118-0	2. STLC	mg/l		Soil			
surface	539-118-0	3. STLC-DI	mg/l		Soil			
surface	539-118-0	4. TCLP	mg/l		Soil			
3/19/2002 surface	539-118-0	5. PH	7.31	0.1	Soil	3/22/2002	ATL	
3/19/2002 .3 m	539-118-1	1. TTLC	58 mg/kg	5	Soil	3/24/2002	ATL	
3/19/2002 .3 m	539-118-1	2. STLC	5.9 mg/l	0.2	Soil	3/29/2002	ATL	
.3 m	539-118-1	3. STLC-DI	mg/l		Soil			
.3 m	539-118-1	4. TCLP	mg/l		Soil			
.3 m	539-118-1	5. PH			Soil			
3/19/2002 .6 m	539-118-2	1. TTLC	36 mg/kg	5	Soil	3/24/2002	ATL	

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539-118-2	.6 m	2. STL	mg/l		Soil	Lead			
539-118-2	.6 m	3. STLC-DI	mg/l		Soil	Lead			
539-118-2	.6 m	4. TCLP	mg/l		Soil	Lead			
539-118-2	.6 m	5. PH			Soil				
3/19/2002 539-118-3	.9 m	1. TTLC	170 mg/kg	5	Soil	Lead	3/24/2002	ATL	
3/19/2002 539-118-3	.9 m	2. STLC	0.48 mg/l	0.2	Soil	Lead	3/29/2002	ATL	
539-118-3	.9 m	3. STLC-DI	mg/l		Soil	Lead			
539-118-3	.9 m	4. TCLP	mg/l		Soil	Lead			
539-118-3	.9 m	5. PH			Soil				
539-118-5	1.5 m	1. TTLC	mg/kg		Soil	Lead			
539-118-5	1.5 m	2. STLC	mg/l		Soil	Lead			
539-118-5	1.5 m	3. STLC-DI	mg/l		Soil	Lead			
539-118-5	1.5 m	4. TCLP	mg/l		Soil	Lead			
539-118-5	1.5 m	5. PH			Soil				
3/19/2002 539-119-0	surface	1. TTLC	170 mg/kg	5	Soil	Lead	3/24/2002	ATL	
3/19/2002 539-119-0	surface	2. STLC	42 mg/l	0.2	Soil	Lead	3/29/2002	ATL	
3/19/2002 539-119-0	surface	3. STLC-DI	0.36 mg/l	0.2	Soil	Lead	4/9/2002	ATL	
539-119-0	surface	4. TCLP	mg/l		Soil	Lead			
539-119-0	surface	5. PH			Soil				
3/19/2002 539-119-1	.3 m	1. TTLC	17 mg/kg	5	Soil	Lead	3/24/2002	ATL	
539-119-1	.3 m	2. STLC	mg/l		Soil	Lead			
539-119-1	.3 m	3. STLC-DI	mg/l		Soil	Lead			
539-119-1	.3 m	4. TCLP	mg/l		Soil	Lead			
539-119-1	.3 m	5. PH			Soil				
3/19/2002 539-119-2	.6 m	1. TTLC	8.2 mg/kg	5	Soil	Lead	3/24/2002	ATL	
539-119-2	.6 m	2. STLC	mg/l		Soil	Lead			
539-119-2	.6 m	3. STLC-DI	mg/l		Soil	Lead			
539-119-2	.6 m	4. TCLP	mg/l		Soil	Lead			
539-119-2	.6 m	5. PH			Soil				
539-119-3	.9 m	1. TTLC	mg/kg		Soil	Lead			
539-119-3	.9 m	2. STLC	mg/l		Soil	Lead			
539-119-3	.9 m	3. STLC-DI	mg/l		Soil	Lead			
539-119-3	.9 m	4. TCLP	mg/l		Soil	Lead			
539-119-3	.9 m	5. PH			Soil				
539-119-5	1.5 m	1. TTLC	mg/kg		Soil	Lead			
539-119-5	1.5 m	2. STLC	mg/l		Soil	Lead			
539-119-5	1.5 m	3. STLC-DI	mg/l		Soil	Lead			
539-119-5	1.5 m	4. TCLP	mg/l		Soil	Lead			

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Sample ID	Depth	Method	Concentration	Date	Soil	ATL
539-119-5	1.5 m	5. PH	18 mg/kg		Soil	
539-120-0	3/19/2002 surface	1. TTLC			Soil	ATL
539-120-0	surface	2. STLC	mg/l	3/24/2002	Lead	
539-120-0	surface	3. STLC-DI	mg/l		Lead	
539-120-0	surface	4. TCLP	mg/l		Lead	
539-120-0	surface	5. PH			Soil	
539-120-1	3/19/2002 .3 m	1. TTLC	5900 mg/kg		Soil	ATL
539-120-1	.3 m	2. STLC	mg/l	3/24/2002	Lead	
539-120-1	.3 m	3. STLC-DI	mg/l		Lead	
539-120-1	3/19/2002 .3 m	4. TCLP	0.5 mg/l	3/28/2002	Lead	ATL
539-120-1	.3 m	5. PH			Soil	
539-120-2	3/19/2002 .6 m	1. TTLC	910 mg/kg		Soil	ATL
539-120-2	.6 m	2. STLC	26 mg/l	3/24/2002	Lead	
539-120-2	3/19/2002 .6 m	3. STLC-DI	0.79 mg/l	3/29/2002	Lead	ATL
539-120-2	.6 m	4. TCLP	mg/l	4/9/2002	Lead	ATL
539-120-2	.6 m	5. PH			Soil	
539-120-3	.9 m	1. TTLC	mg/kg		Soil	
539-120-3	.9 m	2. STLC	mg/l		Lead	
539-120-3	.9 m	3. STLC-DI	mg/l		Lead	
539-120-3	.9 m	4. TCLP	mg/l		Lead	
539-120-3	.9 m	5. PH			Soil	
539-120-5	1.5 m	1. TTLC	mg/kg		Soil	
539-120-5	1.5 m	2. STLC	mg/l		Lead	
539-120-5	1.5 m	3. STLC-DI	mg/l		Lead	
539-120-5	1.5 m	4. TCLP	mg/l		Lead	
539-120-5	1.5 m	5. PH			Soil	
539-121-0	3/19/2002 surface	1. TTLC	120 mg/kg		Soil	ATL
539-121-0	3/19/2002 surface	2. STLC	7.9 mg/l	3/24/2002	Lead	
539-121-0	3/19/2002 surface	3. STLC-DI	0.38 mg/l	3/29/2002	Lead	ATL
539-121-0	surface	4. TCLP	mg/l	4/9/2002	Lead	ATL
539-121-0	surface	5. PH			Soil	
539-121-1	3/19/2002 .3 m	1. TTLC	13 mg/kg		Soil	ATL
539-121-1	.3 m	2. STLC	mg/l	3/24/2002	Lead	
539-121-1	.3 m	3. STLC-DI	mg/l		Lead	
539-121-1	.3 m	4. TCLP	mg/l		Lead	
539-121-1	3/19/2002 .3 m	5. PH	6.65	3/22/2002	Lead	ATL
539-121-2	3/19/2002 .6 m	1. TTLC	5.7 mg/kg		Soil	ATL
539-121-2	.6 m	2. STLC	mg/l	3/24/2002	Lead	

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539-121-2	.6 m	3. STLC-DI	mg/l			Soil
539-121-2	.6 m	4. TCLP	mg/l			Soil
539-121-2	.6 m	5. PH				Soil
539-121-3	.9 m	1. TTLC	mg/kg			Soil
539-121-3	.9 m	2. STLC	mg/l			Soil
539-121-3	.9 m	3. STLC-DI	mg/l			Soil
539-121-3	.9 m	4. TCLP	mg/l			Soil
539-121-3	.9 m	5. PH				Soil
539-121-5	1.5 m	1. TTLC	mg/kg			Soil
539-121-5	1.5 m	2. STLC	mg/l			Soil
539-121-5	1.5 m	3. STLC-DI	mg/l			Soil
539-121-5	1.5 m	4. TCLP	mg/l			Soil
539-121-5	1.5 m	5. PH				Soil
3/19/2002 surface		1. TTLC	1800 mg/kg	5	3/24/2002	Soil
3/19/2002 surface		2. STLC	mg/l			Soil
3/19/2002 surface		3. STLC-DI	mg/l			Soil
3/19/2002 surface		4. TCLP	1.3 mg/l	0.2	3/28/2002	Soil
3/19/2002 surface		5. PH				Soil
3/19/2002 .3 m		1. TTLC	800 mg/kg	5	3/24/2002	Soil
3/19/2002 .3 m		2. STLC	9.4 mg/l	0.2	3/29/2002	Soil
3/19/2002 .3 m		3. STLC-DI	ND	0.2	4/9/2002	Soil
3/19/2002 .3 m		4. TCLP	mg/l			Soil
3/19/2002 .3 m		5. PH				Soil
539-122-2	.6 m	1. TTLC	mg/kg			Soil
539-122-2	.6 m	2. STLC	mg/l			Soil
539-122-2	.6 m	3. STLC-DI	mg/l			Soil
539-122-2	.6 m	4. TCLP	mg/l			Soil
539-122-2	.6 m	5. PH				Soil
539-122-3	.9 m	1. TTLC	mg/kg			Soil
539-122-3	.9 m	2. STLC	mg/l			Soil
539-122-3	.9 m	3. STLC-DI	mg/l			Soil
539-122-3	.9 m	4. TCLP	mg/l			Soil
539-122-3	.9 m	5. PH				Soil
539-122-5	1.5 m	1. TTLC	mg/kg			Soil
539-122-5	1.5 m	2. STLC	mg/l			Soil
539-122-5	1.5 m	3. STLC-DI	mg/l			Soil
539-122-5	1.5 m	4. TCLP	mg/l			Soil
539-122-5	1.5 m	5. PH				Soil

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3/19/2002	surface	539-123-0	1. TTLC	18 mg/kg	5	3/24/2002	Lead	Soil	ATL
3/19/2002	surface	539-123-0	2. STLC	0.81 mg/l	0.2	3/29/2002	Lead	Soil	ATL
	surface	539-123-0	3. STLC-DI	mg/l			Lead	Soil	
	surface	539-123-0	4. TCLP	mg/l			Lead	Soil	
	surface	539-123-0	5. PH					Soil	
3/19/2002	.3 m	539-123-1	1. TTLC	27 mg/kg	5	3/24/2002	Lead	Soil	ATL
	.3 m	539-123-1	2. STLC	mg/l			Lead	Soil	
	.3 m	539-123-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	539-123-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	539-123-1	5. PH					Soil	
3/19/2002	.6 m	539-123-2	1. TTLC	40 mg/kg	5	3/24/2002	Lead	Soil	ATL
	.6 m	539-123-2	2. STLC	mg/l			Lead	Soil	
	.6 m	539-123-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	539-123-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	539-123-2	5. PH					Soil	
3/19/2002	.9 m	539-123-3	1. TTLC	37 mg/kg	5	3/24/2002	Lead	Soil	ATL
3/19/2002	.9 m	539-123-3	2. STLC	1.5 mg/l	0.2	3/29/2002	Lead	Soil	ATL
	.9 m	539-123-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	539-123-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	539-123-3	5. PH					Soil	
	1.5 m	539-123-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	539-123-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	539-123-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	539-123-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	539-123-5	5. PH					Soil	
3/19/2002	surface	539-124-0	1. TTLC	2100 mg/kg	5	3/24/2002	Lead	Soil	ATL
	surface	539-124-0	2. STLC	mg/l			Lead	Soil	
	surface	539-124-0	3. STLC-DI	mg/l			Lead	Soil	
3/19/2002	surface	539-124-0	4. TCLP	1.4 mg/l	0.2	3/28/2002	Lead	Soil	ATL
	surface	539-124-0	5. PH					Soil	
3/19/2002	.3 m	539-124-1	1. TTLC	150 mg/kg	5	3/24/2002	Lead	Soil	ATL
3/19/2002	.3 m	539-124-1	2. STLC	9.2 mg/l	0.2	3/29/2002	Lead	Soil	ATL
3/19/2002	.3 m	539-124-1	3. STLC-DI	0.31 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	.3 m	539-124-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	539-124-1	5. PH					Soil	
3/19/2002	.6 m	539-124-2	1. TTLC	1400 mg/kg	5	3/24/2002	Lead	Soil	ATL
	.6 m	539-124-2	2. STLC	mg/l			Lead	Soil	
	.6 m	539-124-2	3. STLC-DI	mg/l			Lead	Soil	

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3/19/2002	.6 m	539-124-2	4. TCLP	1.2 mg/l	0.2	3/28/2002	Lead	Soil	ATL
3/19/2002	.6 m	539-124-2	5. PH	7.39	0.1	3/22/2002	Lead	Soil	ATL
	.9 m	539-124-3	1. TTLC	mg/kg			Lead	Soil	
	.9 m	539-124-3	2. STLC	mg/l			Lead	Soil	
	.9 m	539-124-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	539-124-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	539-124-3	5. PH	mg/l			Lead	Soil	
	1.5 m	539-124-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	539-124-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	539-124-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	539-124-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	539-124-5	5. PH	mg/l			Lead	Soil	
3/19/2002	surface	539-125-0	1. TTLC	18 mg/kg	5	3/24/2002	Lead	Soil	ATL
3/19/2002	surface	539-125-0	2. STLC	0.8 mg/l	0.2	3/29/2002	Lead	Soil	ATL
	surface	539-125-0	3. STLC-DI	mg/l			Lead	Soil	
	surface	539-125-0	4. TCLP	mg/l			Lead	Soil	
	surface	539-125-0	5. PH	mg/l			Lead	Soil	
3/19/2002	.3 m	539-125-1	1. TTLC	290 mg/kg	5	3/24/2002	Lead	Soil	ATL
3/19/2002	.3 m	539-125-1	2. STLC	7.7 mg/l	0.2	3/29/2002	Lead	Soil	ATL
3/19/2002	.3 m	539-125-1	3. STLC-DI	ND	0.2	4/9/2002	Lead	Soil	ATL
	.3 m	539-125-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	539-125-1	5. PH	mg/l			Lead	Soil	
3/19/2002	.6 m	539-125-2	1. TTLC	8.4 mg/kg	5	3/24/2002	Lead	Soil	ATL
3/19/2002	.6 m	539-125-2	2. STLC	0.45 mg/l	0.2	3/29/2002	Lead	Soil	ATL
	.6 m	539-125-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	539-125-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	539-125-2	5. PH	mg/l			Lead	Soil	
	.9 m	539-125-3	1. TTLC	mg/kg			Lead	Soil	
	.9 m	539-125-3	2. STLC	mg/l			Lead	Soil	
	.9 m	539-125-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	539-125-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	539-125-3	5. PH	mg/l			Lead	Soil	
	1.5 m	539-125-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	539-125-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	539-125-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	539-125-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	539-125-5	5. PH	mg/l			Lead	Soil	
3/19/2002	surface	539-126-0	1. TTLC	120 mg/kg	5	3/24/2002	Lead	Soil	ATL

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3/19/2002	surface	539-126-0	2. STLC	7.1 mg/l	0.2	3/29/2002	Lead	Soil	ATL
3/19/2002	surface	539-126-0	3. STLC-DI	mg/l	0.2	4/9/2002	Lead	Soil	ATL
	surface	539-126-0	4. TCLP	mg/l			Lead	Soil	
	surface	539-126-0	5. PH					Soil	
3/19/2002	.3 m	539-126-1	1. TTLC	260 mg/kg	5	3/24/2002	Lead	Soil	ATL
3/19/2002	.3 m	539-126-1	2. STLC	5.4 mg/l	0.2	3/29/2002	Lead	Soil	ATL
3/19/2002	.3 m	539-126-1	3. STLC-DI	mg/l	0.2	4/9/2002	Lead	Soil	ATL
	.3 m	539-126-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	539-126-1	5. PH					Soil	
3/19/2002	.6 m	539-126-2	1. TTLC	15 mg/kg	5	3/24/2002	Lead	Soil	ATL
3/19/2002	.6 m	539-126-2	2. STLC	0.44 mg/l	0.2	3/29/2002	Lead	Soil	ATL
	.6 m	539-126-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	539-126-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	539-126-2	5. PH					Soil	
3/19/2002	.9 m	539-126-3	1. TTLC	48 mg/kg	5	3/24/2002	Lead	Soil	ATL
	.9 m	539-126-3	2. STLC	mg/l			Lead	Soil	
	.9 m	539-126-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	539-126-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	539-126-3	5. PH					Soil	
	1.5 m	539-126-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	539-126-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	539-126-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	539-126-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	539-126-5	5. PH					Soil	
3/19/2002	surface	539-127-0	1. TTLC	600 mg/kg	5	3/24/2002	Lead	Soil	ATL
3/19/2002	surface	539-127-0	2. STLC	12 mg/l	0.2	3/29/2002	Lead	Soil	ATL
3/19/2002	surface	539-127-0	3. STLC-DI	0.75 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	surface	539-127-0	4. TCLP	mg/l			Lead	Soil	
	surface	539-127-0	5. PH					Soil	
3/19/2002	.3 m	539-127-1	1. TTLC	110 mg/kg	5	3/24/2002	Lead	Soil	ATL
3/19/2002	.3 m	539-127-1	2. STLC	4.5 mg/l	0.2	3/29/2002	Lead	Soil	ATL
	.3 m	539-127-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	539-127-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	539-127-1	5. PH					Soil	
3/19/2002	.6 m	539-127-2	1. TTLC	42 mg/kg	5	3/24/2002	Lead	Soil	ATL
3/19/2002	.6 m	539-127-2	2. STLC	3.2 mg/l	0.2	3/29/2002	Lead	Soil	ATL
	.6 m	539-127-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	539-127-2	4. TCLP	mg/l			Lead	Soil	

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3/19/2002	.6 m	539-127-2	5. PH	8.05	0.1	3/22/2002	Soil	ATL
3/19/2002	.9 m	539-127-3	1. TTLC	120 mg/kg	5	3/24/2002	Soil	ATL
3/19/2002	.9 m	539-127-3	2. STLC	4.6 mg/l	0.2	3/29/2002	Soil	ATL
	.9 m	539-127-3	3. STLC-DI	mg/l			Soil	
	.9 m	539-127-3	4. TCLP	mg/l			Soil	
	.9 m	539-127-3	5. PH				Soil	
	1.5 m	539-127-5	1. TTLC	mg/kg			Soil	
	1.5 m	539-127-5	2. STLC	mg/l			Soil	
	1.5 m	539-127-5	3. STLC-DI	mg/l			Soil	
	1.5 m	539-127-5	4. TCLP	mg/l			Soil	
	1.5 m	539-127-5	5. PH				Soil	
3/19/2002	surface	539-128-0	1. TTLC	15 mg/kg	5	3/24/2002	Soil	ATL
	surface	539-128-0	2. STLC	mg/l			Soil	
	surface	539-128-0	3. STLC-DI	mg/l			Soil	
	surface	539-128-0	4. TCLP	mg/l			Soil	
	surface	539-128-0	5. PH				Soil	
3/19/2002	.3 m	539-128-1	1. TTLC	170 mg/kg	5	3/24/2002	Soil	ATL
3/19/2002	.3 m	539-128-1	2. STLC	34 mg/l	0.2	3/29/2002	Soil	ATL
3/19/2002	.3 m	539-128-1	3. STLC-DI	0.91 mg/l	0.2	4/9/2002	Soil	ATL
	.3 m	539-128-1	4. TCLP	mg/l			Soil	
	.3 m	539-128-1	5. PH				Soil	
3/19/2002	.6 m	539-128-2	1. TTLC	44 mg/kg	5	3/24/2002	Soil	ATL
	.6 m	539-128-2	2. STLC	mg/l			Soil	
	.6 m	539-128-2	3. STLC-DI	mg/l			Soil	
	.6 m	539-128-2	4. TCLP	mg/l			Soil	
	.6 m	539-128-2	5. PH				Soil	
	.9 m	539-128-3	1. TTLC	mg/kg			Soil	
	.9 m	539-128-3	2. STLC	mg/l			Soil	
	.9 m	539-128-3	3. STLC-DI	mg/l			Soil	
	.9 m	539-128-3	4. TCLP	mg/l			Soil	
	.9 m	539-128-3	5. PH				Soil	
	1.5 m	539-128-5	1. TTLC	mg/kg			Soil	
	1.5 m	539-128-5	2. STLC	mg/l			Soil	
	1.5 m	539-128-5	3. STLC-DI	mg/l			Soil	
	1.5 m	539-128-5	4. TCLP	mg/l			Soil	
	1.5 m	539-128-5	5. PH				Soil	
3/19/2002	surface	539-129-0	1. TTLC	52 mg/kg	5	3/24/2002	Soil	ATL
3/19/2002	surface	539-129-0	2. STLC	12 mg/l	0.2	3/29/2002	Soil	ATL

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3/19/2002	surface	539-129-0	3. STLC-DI	0.25 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	surface	539-129-0	4. TCLP	mg/l			Lead	Soil	
	surface	539-129-0	5. PH					Soil	
3/19/2002	.3 m	539-129-1	1. TTLC	16 mg/kg	5	3/24/2002	Lead	Soil	ATL
	.3 m	539-129-1	2. STLC	mg/l			Lead	Soil	
	.3 m	539-129-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	539-129-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	539-129-1	5. PH					Soil	
3/19/2002	.6 m	539-129-2	1. TTLC	150 mg/kg	5	3/24/2002	Lead	Soil	ATL
3/19/2002	.6 m	539-129-2	2. STLC	37 mg/l	0.2	3/29/2002	Lead	Soil	ATL
3/19/2002	.6 m	539-129-2	3. STLC-DI	0.56 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	.6 m	539-129-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	539-129-2	5. PH					Soil	
	.9 m	539-129-3	1. TTLC	mg/kg			Lead	Soil	
	.9 m	539-129-3	2. STLC	mg/l			Lead	Soil	
	.9 m	539-129-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	539-129-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	539-129-3	5. PH					Soil	
	1.5 m	539-129-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	539-129-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	539-129-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	539-129-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	539-129-5	5. PH					Soil	
3/19/2002	surface	539-130-0	1. TTLC	790 mg/kg	5	3/24/2002	Lead	Soil	ATL
3/19/2002	surface	539-130-0	2. STLC	48 mg/l	0.2	3/29/2002	Lead	Soil	ATL
3/19/2002	surface	539-130-0	3. STLC-DI	0.41 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	surface	539-130-0	4. TCLP	mg/l			Lead	Soil	
	surface	539-130-0	5. PH					Soil	
3/19/2002	.3 m	539-130-1	1. TTLC	480 mg/kg	5	3/24/2002	Lead	Soil	ATL
3/19/2002	.3 m	539-130-1	2. STLC	45 mg/l	0.2	3/29/2002	Lead	Soil	ATL
3/19/2002	.3 m	539-130-1	3. STLC-DI	ND		4/9/2002	Lead	Soil	ATL
	.3 m	539-130-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	539-130-1	5. PH					Soil	
3/19/2002	.6 m	539-130-2	1. TTLC	26 mg/kg	5	3/24/2002	Lead	Soil	ATL
	.6 m	539-130-2	2. STLC	mg/l			Lead	Soil	
	.6 m	539-130-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	539-130-2	4. TCLP	mg/l			Lead	Soil	
3/19/2002	.6 m	539-130-2	5. PH	7.92	0.1	3/22/2002		Soil	ATL

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3/19/2002	.9 m	539-130-3	1. TTLC	mg/kg	19	5	3/24/2002	Lead	Soil	ATL
	.9 m	539-130-3	2. STLC	mg/l				Lead	Soil	
	.9 m	539-130-3	3. STLC-DI	mg/l				Lead	Soil	
	.9 m	539-130-3	4. TCLP	mg/l				Lead	Soil	
	.9 m	539-130-3	5. PH	mg/l				Lead	Soil	
	1.5 m	539-130-5	1. TTLC	mg/kg				Lead	Soil	
	1.5 m	539-130-5	2. STLC	mg/l				Lead	Soil	
	1.5 m	539-130-5	3. STLC-DI	mg/l				Lead	Soil	
	1.5 m	539-130-5	4. TCLP	mg/l				Lead	Soil	
	1.5 m	539-130-5	5. PH	mg/l				Lead	Soil	
3/19/2002	surface	539-131-0	1. TTLC	mg/kg	340	5	3/24/2002	Lead	Soil	ATL
	surface	539-131-0	2. STLC	mg/l				Lead	Soil	
	surface	539-131-0	3. STLC-DI	mg/l				Lead	Soil	
	surface	539-131-0	4. TCLP	mg/l				Lead	Soil	
	surface	539-131-0	5. PH	mg/l				Lead	Soil	
3/19/2002	.3 m	539-131-1	1. TTLC	mg/kg	340	5	3/24/2002	Lead	Soil	ATL
3/19/2002	.3 m	539-131-1	2. STLC	mg/l	27	0.2	3/29/2002	Lead	Soil	ATL
3/19/2002	.3 m	539-131-1	3. STLC-DI	mg/l	1.4	0.2	4/9/2002	Lead	Soil	ATL
	.3 m	539-131-1	4. TCLP	mg/l				Lead	Soil	
	.3 m	539-131-1	5. PH	mg/l				Lead	Soil	
	.6 m	539-131-2	1. TTLC	mg/kg				Lead	Soil	
	.6 m	539-131-2	2. STLC	mg/l				Lead	Soil	
	.6 m	539-131-2	3. STLC-DI	mg/l				Lead	Soil	
	.6 m	539-131-2	4. TCLP	mg/l				Lead	Soil	
	.6 m	539-131-2	5. PH	mg/l				Lead	Soil	
	.9 m	539-131-3	1. TTLC	mg/kg				Lead	Soil	
	.9 m	539-131-3	2. STLC	mg/l				Lead	Soil	
	.9 m	539-131-3	3. STLC-DI	mg/l				Lead	Soil	
	.9 m	539-131-3	4. TCLP	mg/l				Lead	Soil	
	.9 m	539-131-3	5. PH	mg/l				Lead	Soil	
	1.5 m	539-131-5	1. TTLC	mg/kg				Lead	Soil	
	1.5 m	539-131-5	2. STLC	mg/l				Lead	Soil	
	1.5 m	539-131-5	3. STLC-DI	mg/l				Lead	Soil	
	1.5 m	539-131-5	4. TCLP	mg/l				Lead	Soil	
	1.5 m	539-131-5	5. PH	mg/l				Lead	Soil	
3/19/2002	surface	539-132-0	1. TTLC	mg/kg	11	5	3/24/2002	Lead	Soil	ATL
	surface	539-132-0	2. STLC	mg/l				Lead	Soil	
	surface	539-132-0	3. STLC-DI	mg/l				Lead	Soil	

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Date	Sample ID	Depth	Method	Concentration	Unit	Soil Type	Lead	Date	Soil Type
3/19/2002	539-132-0	surface	4. TCLP		mg/l	Soil			
	539-132-0	surface	5. PH			Soil			
3/19/2002	539-132-1	.3 m	1. TTLC	6.8	mg/kg	Soil	Lead	3/24/2002	ATL
	539-132-1	.3 m	2. STLC		mg/l	Soil	Lead		
	539-132-1	.3 m	3. STLC-DI		mg/l	Soil	Lead		
	539-132-1	.3 m	4. TCLP		mg/l	Soil	Lead		
	539-132-1	.3 m	5. PH			Soil			
3/19/2002	539-132-2	.6 m	1. TTLC	8.8	mg/kg	Soil	Lead	3/24/2002	ATL
	539-132-2	.6 m	2. STLC		mg/l	Soil	Lead		
	539-132-2	.6 m	3. STLC-DI		mg/l	Soil	Lead		
	539-132-2	.6 m	4. TCLP		mg/l	Soil	Lead		
	539-132-2	.6 m	5. PH			Soil			
	539-132-3	.9 m	1. TTLC		mg/kg	Soil	Lead		
	539-132-3	.9 m	2. STLC		mg/l	Soil	Lead		
	539-132-3	.9 m	3. STLC-DI		mg/l	Soil	Lead		
	539-132-3	.9 m	4. TCLP		mg/l	Soil	Lead		
	539-132-3	.9 m	5. PH			Soil			
	539-132-5	1.5 m	1. TTLC		mg/kg	Soil	Lead		
	539-132-5	1.5 m	2. STLC		mg/l	Soil	Lead		
	539-132-5	1.5 m	3. STLC-DI		mg/l	Soil	Lead		
	539-132-5	1.5 m	4. TCLP		mg/l	Soil	Lead		
	539-132-5	1.5 m	5. PH			Soil			
3/19/2002	539-133-0	surface	1. TTLC	26	mg/kg	Soil	Lead	3/24/2002	ATL
	539-133-0	surface	2. STLC		mg/l	Soil	Lead		
	539-133-0	surface	3. STLC-DI		mg/l	Soil	Lead		
	539-133-0	surface	4. TCLP		mg/l	Soil	Lead		
	539-133-0	surface	5. PH			Soil			
3/19/2002	539-133-1	.3 m	1. TTLC	620	mg/kg	Soil	Lead	3/24/2002	ATL
3/19/2002	539-133-1	.3 m	2. STLC	60	mg/l	Soil	Lead	3/29/2002	ATL
3/19/2002	539-133-1	.3 m	3. STLC-DI	3.1	mg/l	Soil	Lead	4/9/2002	ATL
	539-133-1	.3 m	4. TCLP		mg/l	Soil	Lead		
	539-133-1	.3 m	5. PH			Soil			
3/19/2002	539-133-2	.6 m	1. TTLC	10	mg/kg	Soil	Lead	3/24/2002	ATL
3/19/2002	539-133-2	.6 m	2. STLC	0.42	mg/l	Soil	Lead	3/29/2002	ATL
	539-133-2	.6 m	3. STLC-DI		mg/l	Soil	Lead		
	539-133-2	.6 m	4. TCLP		mg/l	Soil	Lead		
	539-133-2	.6 m	5. PH			Soil			
	539-133-3	.9 m	1. TTLC		mg/kg	Soil	Lead		

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.9 m	539-133-3	2. STLC	mg/l			Lead	Soil	
.9 m	539-133-3	3. STLC-DI	mg/l			Lead	Soil	
.9 m	539-133-3	4. TCLP	mg/l			Lead	Soil	
.9 m	539-133-3	5. PH					Soil	
1.5 m	539-133-5	1. TTLC	mg/kg			Lead	Soil	
1.5 m	539-133-5	2. STLC	mg/l			Lead	Soil	
1.5 m	539-133-5	3. STLC-DI	mg/l			Lead	Soil	
1.5 m	539-133-5	4. TCLP	mg/l			Lead	Soil	
1.5 m	539-133-5	5. PH					Soil	
3/19/2002 surface	539-134-0	1. TTLC	26 mg/kg	5	3/24/2002	Lead	Soil	ATL
surface	539-134-0	2. STLC	mg/l			Lead	Soil	
surface	539-134-0	3. STLC-DI	mg/l			Lead	Soil	
surface	539-134-0	4. TCLP	mg/l			Lead	Soil	
surface	539-134-0	5. PH					Soil	
3/19/2002 .3 m	539-134-1	1. TTLC	15 mg/kg	5	3/24/2002	Lead	Soil	ATL
.3 m	539-134-1	2. STLC	mg/l			Lead	Soil	
.3 m	539-134-1	3. STLC-DI	mg/l			Lead	Soil	
.3 m	539-134-1	4. TCLP	mg/l			Lead	Soil	
3/19/2002 .3 m	539-134-1	5. PH	6.29	0.1	3/22/2002	Lead	Soil	ATL
3/19/2002 .6 m	539-134-2	1. TTLC	1300 mg/kg	5	3/24/2002	Lead	Soil	ATL
.6 m	539-134-2	2. STLC	mg/l			Lead	Soil	
.6 m	539-134-2	3. STLC-DI	mg/l			Lead	Soil	
.6 m	539-134-2	4. TCLP	mg/l			Lead	Soil	
.6 m	539-134-2	5. PH					Soil	
.9 m	539-134-3	1. TTLC	mg/kg			Lead	Soil	
.9 m	539-134-3	2. STLC	mg/l			Lead	Soil	
.9 m	539-134-3	3. STLC-DI	mg/l			Lead	Soil	
.9 m	539-134-3	4. TCLP	mg/l			Lead	Soil	
.9 m	539-134-3	5. PH					Soil	
1.5 m	539-134-5	1. TTLC	mg/kg			Lead	Soil	
1.5 m	539-134-5	2. STLC	mg/l			Lead	Soil	
1.5 m	539-134-5	3. STLC-DI	mg/l			Lead	Soil	
1.5 m	539-134-5	4. TCLP	mg/l			Lead	Soil	
1.5 m	539-134-5	5. PH					Soil	
3/19/2002 surface	539-135-0	1. TTLC	1800 mg/kg	5	3/24/2002	Lead	Soil	ATL
surface	539-135-0	2. STLC	mg/l			Lead	Soil	
surface	539-135-0	3. STLC-DI	mg/l			Lead	Soil	
3/19/2002 surface	539-135-0	4. TCLP	3.9 mg/l	0.2	3/28/2002	Lead	Soil	ATL

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5. PH	539-135-0	5. PH	310 mg/kg	5	3/24/2002	Lead	Soil	ATL
1. TTLC	539-135-1	1. TTLC	59 mg/l	0.2	3/29/2002	Lead	Soil	ATL
2. STLC	539-135-1	2. STLC	2.7 mg/l	0.2	4/9/2002	Lead	Soil	ATL
3. STLC-DI	539-135-1	3. STLC-DI					Soil	
4. TCLP	539-135-1	4. TCLP					Soil	
5. PH	539-135-1	5. PH					Soil	
1. TTLC	539-135-2	1. TTLC	28 mg/kg	5	3/24/2002	Lead	Soil	ATL
2. STLC	539-135-2	2. STLC					Soil	
3. STLC-DI	539-135-2	3. STLC-DI					Soil	
4. TCLP	539-135-2	4. TCLP					Soil	
5. PH	539-135-2	5. PH					Soil	
1. TTLC	539-135-3	1. TTLC	6.1 mg/kg	5	3/24/2002	Lead	Soil	ATL
2. STLC	539-135-3	2. STLC					Soil	
3. STLC-DI	539-135-3	3. STLC-DI					Soil	
4. TCLP	539-135-3	4. TCLP					Soil	
5. PH	539-135-3	5. PH					Soil	
1. TTLC	539-135-5	1. TTLC	mg/kg			Lead	Soil	
2. STLC	539-135-5	2. STLC					Soil	
3. STLC-DI	539-135-5	3. STLC-DI					Soil	
4. TCLP	539-135-5	4. TCLP					Soil	
5. PH	539-135-5	5. PH					Soil	
1. TTLC	539-136-0	1. TTLC	2200 mg/kg	5	3/24/2002	Lead	Soil	ATL
2. STLC	539-136-0	2. STLC					Soil	
3. STLC-DI	539-136-0	3. STLC-DI					Soil	
4. TCLP	539-136-0	4. TCLP					Soil	
5. PH	539-136-0	5. PH					Soil	
1. TTLC	539-136-1	1. TTLC	550 mg/kg	5	3/24/2002	Lead	Soil	ATL
2. STLC	539-136-1	2. STLC	22 mg/l	0.2	3/29/2002	Lead	Soil	ATL
3. STLC-DI	539-136-1	3. STLC-DI	1.4 mg/l	0.2	4/9/2002	Lead	Soil	ATL
4. TCLP	539-136-1	4. TCLP					Soil	
5. PH	539-136-1	5. PH					Soil	
1. TTLC	539-136-2	1. TTLC	150 mg/kg	5	3/24/2002	Lead	Soil	ATL
2. STLC	539-136-2	2. STLC	14 mg/l	0.2	3/29/2002	Lead	Soil	ATL
3. STLC-DI	539-136-2	3. STLC-DI	1 mg/l	0.2	4/9/2002	Lead	Soil	ATL
4. TCLP	539-136-2	4. TCLP					Soil	
5. PH	539-136-2	5. PH					Soil	
1. TTLC	539-136-3	1. TTLC	120 mg/kg	5	3/24/2002	Lead	Soil	ATL
2. STLC	539-136-3	2. STLC	9 mg/l	0.2	3/29/2002	Lead	Soil	ATL

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3/19/2002	.9 m	539-136-3	3. STLC-DI	0.42 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	.9 m	539-136-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	539-136-3	5. PH					Soil	
	1.5 m	539-136-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	539-136-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	539-136-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	539-136-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	539-136-5	5. PH					Soil	
3/10/2002	surface	539-137-0	1. TTLC	30 mg/kg	5	3/25/2002	Lead	Soil	ATL
	surface	539-137-0	2. STLC	mg/l			Lead	Soil	
	surface	539-137-0	3. STLC-DI	mg/l			Lead	Soil	
	surface	539-137-0	4. TCLP	mg/l			Lead	Soil	
3/10/2002	surface	539-137-0	5. PH	7.54	0.1	3/22/2002	Lead	Soil	ATL
3/10/2002	.3 m	539-137-1	1. TTLC	21 mg/kg	5	3/25/2002	Lead	Soil	ATL
	.3 m	539-137-1	2. STLC	mg/l			Lead	Soil	
	.3 m	539-137-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	539-137-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	539-137-1	5. PH					Soil	
3/10/2002	.6 m	539-137-2	1. TTLC	5.2 mg/kg	5	3/25/2002	Lead	Soil	ATL
	.6 m	539-137-2	2. STLC	mg/l			Lead	Soil	
	.6 m	539-137-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	539-137-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	539-137-2	5. PH					Soil	
	.9 m	539-137-3	1. TTLC	mg/kg			Lead	Soil	
	.9 m	539-137-3	2. STLC	mg/l			Lead	Soil	
	.9 m	539-137-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	539-137-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	539-137-3	5. PH					Soil	
	1.5 m	539-137-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	539-137-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	539-137-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	539-137-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	539-137-5	5. PH					Soil	
3/10/2002	surface	539-138-0	1. TTLC	680 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2002	surface	539-138-0	2. STLC	63 mg/l	0.2	4/2/2002	Lead	Soil	ATL
3/10/2002	surface	539-138-0	3. STLC-DI	0.58 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	surface	539-138-0	4. TCLP	mg/l			Lead	Soil	
	surface	539-138-0	5. PH					Soil	

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Date	Depth	Sample ID	Method	Concentration	Units	Depth	Method	Concentration	Units	Date	Method	Concentration	Units
3/10/2002	.3 m	539-138-1	1. TTLC	230	mg/kg	5	Soil	3/25/2002	Lead	ATL			
3/10/2002	.3 m	539-138-1	2. STLC	9.4	mg/l	0.2	Soil	4/2/2002	Lead	ATL			
3/10/2002	.3 m	539-138-1	3. STLC-DI	ND		0.2	Soil	4/9/2002	Lead	ATL			
	.3 m	539-138-1	4. TCLP		mg/l		Soil		Lead				
	.3 m	539-138-1	5. PH				Soil						
3/10/2002	.6 m	539-138-2	1. TTLC	540	mg/kg	5	Soil	3/25/2002	Lead	ATL			
3/10/2002	.6 m	539-138-2	2. STLC	25	mg/l	0.2	Soil	4/2/2002	Lead	ATL			
3/10/2002	.6 m	539-138-2	3. STLC-DI	0.31	mg/l	0.2	Soil	4/9/2002	Lead	ATL			
	.6 m	539-138-2	4. TCLP		mg/l		Soil		Lead				
	.6 m	539-138-2	5. PH				Soil						
	.9 m	539-138-3	1. TTLC		mg/kg		Soil		Lead				
	.9 m	539-138-3	2. STLC		mg/l		Soil		Lead				
	.9 m	539-138-3	3. STLC-DI		mg/l		Soil		Lead				
	.9 m	539-138-3	4. TCLP		mg/l		Soil		Lead				
	.9 m	539-138-3	5. PH				Soil						
	1.5 m	539-138-5	1. TTLC		mg/kg		Soil		Lead				
	1.5 m	539-138-5	2. STLC		mg/l		Soil		Lead				
	1.5 m	539-138-5	3. STLC-DI		mg/l		Soil		Lead				
	1.5 m	539-138-5	4. TCLP		mg/l		Soil		Lead				
	1.5 m	539-138-5	5. PH				Soil						
3/10/2002	surface	539-139-0	1. TTLC	730	mg/kg	5	Soil	3/25/2002	Lead	ATL			
3/10/2002	surface	539-139-0	2. STLC	56	mg/l	0.2	Soil	4/2/2002	Lead	ATL			
3/10/2002	surface	539-139-0	3. STLC-DI	0.27	mg/l	0.2	Soil	4/9/2002	Lead	ATL			
	surface	539-139-0	4. TCLP		mg/l		Soil		Lead				
	surface	539-139-0	5. PH				Soil						
3/10/2002	.3 m	539-139-1	1. TTLC	510	mg/kg	5	Soil	3/25/2002	Lead	ATL			
3/10/2002	.3 m	539-139-1	2. STLC	45	mg/l	0.2	Soil	4/2/2002	Lead	ATL			
3/10/2002	.3 m	539-139-1	3. STLC-DI	0.84	mg/l	0.2	Soil	4/9/2002	Lead	ATL			
	.3 m	539-139-1	4. TCLP		mg/l		Soil		Lead				
	.3 m	539-139-1	5. PH				Soil						
3/10/2002	.6 m	539-139-2	1. TTLC	80	mg/kg	5	Soil	3/25/2002	Lead	ATL			
3/10/2002	.6 m	539-139-2	2. STLC	12	mg/l	0.2	Soil	4/2/2002	Lead	ATL			
3/10/2002	.6 m	539-139-2	3. STLC-DI	ND		0.2	Soil	4/9/2002	Lead	ATL			
	.6 m	539-139-2	4. TCLP		mg/l		Soil		Lead				
	.6 m	539-139-2	5. PH				Soil						
3/10/2002	.9 m	539-139-3	1. TTLC	55	mg/kg	5	Soil	3/25/2002	Lead	ATL			
3/10/2002	.9 m	539-139-3	2. STLC	2.6	mg/l	0.2	Soil	4/2/2002	Lead	ATL			
	.9 m	539-139-3	3. STLC-DI		mg/l		Soil		Lead				

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3/10/2002	.9 m	539-139-3	4. TCLP	mg/l		Soil	Lead	3/22/2002	0.1	ATL
3/10/2002	.9 m	539-139-3	5. PH	8.11		Soil	Lead	3/25/2002	5	ATL
3/10/2002	1.5 m	539-139-5	1. TTLC	160 mg/kg		Soil	Lead	4/2/2002	0.2	ATL
3/10/2002	1.5 m	539-139-5	2. STLC	11 mg/l		Soil	Lead	4/9/2002	0.2	ATL
3/10/2002	1.5 m	539-139-5	3. STLC-DI	ND		Soil	Lead			
3/10/2002	1.5 m	539-139-5	4. TCLP	mg/l		Soil	Lead			
3/10/2002	1.5 m	539-139-5	5. PH	mg/l		Soil	Lead			
3/10/2002	surface	539-140-0	1. TTLC	160 mg/kg		Soil	Lead	3/25/2002	5	ATL
3/10/2002	surface	539-140-0	2. STLC	7.1 mg/l		Soil	Lead	4/2/2002	0.2	ATL
3/10/2002	surface	539-140-0	3. STLC-DI	ND		Soil	Lead	4/9/2002	0.2	ATL
3/10/2002	surface	539-140-0	4. TCLP	mg/l		Soil	Lead			
3/10/2002	surface	539-140-0	5. PH	mg/l		Soil	Lead			
3/10/2002	.3 m	539-140-1	1. TTLC	34 mg/kg		Soil	Lead	3/25/2002	5	ATL
3/10/2002	.3 m	539-140-1	2. STLC	mg/l		Soil	Lead			
3/10/2002	.3 m	539-140-1	3. STLC-DI	mg/l		Soil	Lead			
3/10/2002	.3 m	539-140-1	4. TCLP	mg/l		Soil	Lead			
3/10/2002	.3 m	539-140-1	5. PH	mg/l		Soil	Lead			
3/10/2002	.6 m	539-140-2	1. TTLC	10 mg/kg		Soil	Lead	3/25/2002	5	ATL
3/10/2002	.6 m	539-140-2	2. STLC	mg/l		Soil	Lead			
3/10/2002	.6 m	539-140-2	3. STLC-DI	mg/l		Soil	Lead			
3/10/2002	.6 m	539-140-2	4. TCLP	mg/l		Soil	Lead			
3/10/2002	.6 m	539-140-2	5. PH	mg/l		Soil	Lead			
3/10/2002	.9 m	539-140-3	1. TTLC	6.9 mg/kg		Soil	Lead	3/25/2002	5	ATL
3/10/2002	.9 m	539-140-3	2. STLC	mg/l		Soil	Lead			
3/10/2002	.9 m	539-140-3	3. STLC-DI	mg/l		Soil	Lead			
3/10/2002	.9 m	539-140-3	4. TCLP	mg/l		Soil	Lead			
3/10/2002	.9 m	539-140-3	5. PH	mg/l		Soil	Lead			
3/10/2002	1.5 m	539-140-5	1. TTLC	mg/kg		Soil	Lead			
3/10/2002	1.5 m	539-140-5	2. STLC	mg/l		Soil	Lead			
3/10/2002	1.5 m	539-140-5	3. STLC-DI	mg/l		Soil	Lead			
3/10/2002	1.5 m	539-140-5	4. TCLP	mg/l		Soil	Lead			
3/10/2002	1.5 m	539-140-5	5. PH	mg/l		Soil	Lead			
3/10/2002	surface	539-141-0	1. TTLC	1400 mg/kg		Soil	Lead	3/25/2002	5	ATL
3/10/2002	surface	539-141-0	2. STLC	mg/l		Soil	Lead			
3/10/2002	surface	539-141-0	3. STLC-DI	mg/l		Soil	Lead			
3/10/2002	surface	539-141-0	4. TCLP	3.4 mg/l		Soil	Lead	4/11/2002	0.2	ATL
3/10/2002	surface	539-141-0	5. PH	mg/l		Soil	Lead			
3/10/2002	.3 m	539-141-1	1. TTLC	260 mg/kg		Soil	Lead	3/25/2002	5	ATL

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3/10/2002	.3 m	539-141-1	2. STLC	12 mg/l	0.2	4/2/2002	Lead	Soil	ATL
3/10/2002	.3 m	539-141-1	3. STLC-DI	mg/l	0.2	4/9/2002	Lead	Soil	ATL
	.3 m	539-141-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	539-141-1	5. PH					Soil	
3/10/2002	.6 m	539-141-2	1. TTLC	6.4 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2002	.6 m	539-141-2	2. STLC	4.8 mg/l	0.2	4/2/2002	Lead	Soil	ATL
	.6 m	539-141-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	539-141-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	539-141-2	5. PH					Soil	
3/10/2002	.9 m	539-141-3	1. TTLC	37 mg/kg	5	3/25/2002	Lead	Soil	ATL
	.9 m	539-141-3	2. STLC	mg/l			Lead	Soil	
	.9 m	539-141-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	539-141-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	539-141-3	5. PH					Soil	
	1.5 m	539-141-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	539-141-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	539-141-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	539-141-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	539-141-5	5. PH					Soil	
3/10/2002	surface	539-142-0	1. TTLC	690 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2002	surface	539-142-0	2. STLC	45 mg/l	0.2	4/2/2002	Lead	Soil	ATL
3/10/2002	surface	539-142-0	3. STLC-DI	0.67 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	surface	539-142-0	4. TCLP	mg/l			Lead	Soil	
3/10/2002	surface	539-142-0	5. PH	6.37	0.1	3/22/2002		Soil	ATL
3/10/2002	.3 m	539-142-1	1. TTLC	8.5 mg/kg	5	3/25/2002	Lead	Soil	ATL
	.3 m	539-142-1	2. STLC	mg/l			Lead	Soil	
	.3 m	539-142-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	539-142-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	539-142-1	5. PH					Soil	
3/10/2002	.6 m	539-142-2	1. TTLC	mg/kg	5	3/25/2002	Lead	Soil	ATL
	.6 m	539-142-2	2. STLC	mg/l			Lead	Soil	
	.6 m	539-142-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	539-142-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	539-142-2	5. PH					Soil	
3/10/2002	.9 m	539-142-3	1. TTLC	mg/kg	5	3/25/2002	Lead	Soil	ATL
	.9 m	539-142-3	2. STLC	mg/l			Lead	Soil	
	.9 m	539-142-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	539-142-3	4. TCLP	mg/l			Lead	Soil	

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Sample ID	Depth	Method	Result	Unit	Date	Soil	ATL
539-142-3	.9 m	5. PH	ND			Soil	
539-142-5	3/10/2002 1.5 m	1. TTLC		mg/kg	5	Soil	ATL
539-142-5	1.5 m	2. STLC		mg/l		Soil	
539-142-5	1.5 m	3. STLC-DI		mg/l		Soil	
539-142-5	1.5 m	4. TCLP		mg/l		Soil	
539-142-5	1.5 m	5. PH		mg/l		Soil	
539-143-0	3/10/2002 surface	1. TTLC	240	mg/kg	5	Soil	ATL
539-143-0	3/10/2002 surface	2. STLC	11	mg/l	0.2	Soil	ATL
539-143-0	3/10/2002 surface	3. STLC-DI	0.23	mg/l	0.2	Soil	ATL
539-143-0	surface	4. TCLP		mg/l		Soil	
539-143-0	surface	5. PH		mg/l		Soil	
539-143-1	3/10/2002 .3 m	1. TTLC	61	mg/kg	5	Soil	ATL
539-143-1	3/10/2002 .3 m	2. STLC	5	mg/l	0.2	Soil	ATL
539-143-1	.3 m	3. STLC-DI		mg/l		Soil	
539-143-1	.3 m	4. TCLP		mg/l		Soil	
539-143-1	.3 m	5. PH		mg/l		Soil	
539-143-2	3/10/2002 .6 m	1. TTLC	5.8	mg/kg	5	Soil	ATL
539-143-2	.6 m	2. STLC		mg/l		Soil	
539-143-2	.6 m	3. STLC-DI		mg/l		Soil	
539-143-2	.6 m	4. TCLP		mg/l		Soil	
539-143-2	.6 m	5. PH		mg/l		Soil	
539-143-3	3/10/2002 .9 m	1. TTLC	9.4	mg/kg	5	Soil	ATL
539-143-3	.9 m	2. STLC		mg/l		Soil	
539-143-3	.9 m	3. STLC-DI		mg/l		Soil	
539-143-3	.9 m	4. TCLP		mg/l		Soil	
539-143-3	.9 m	5. PH		mg/l		Soil	
539-143-5	3/10/2002 1.5 m	1. TTLC	21	mg/kg	5	Soil	ATL
539-143-5	1.5 m	2. STLC		mg/l		Soil	
539-143-5	1.5 m	3. STLC-DI		mg/l		Soil	
539-143-5	1.5 m	4. TCLP		mg/l		Soil	
539-143-5	1.5 m	5. PH		mg/l		Soil	
539-144-0	3/10/2002 surface	1. TTLC	660	mg/kg	5	Soil	ATL
539-144-0	3/10/2002 surface	2. STLC	39	mg/l	0.2	Soil	ATL
539-144-0	3/10/2002 surface	3. STLC-DI	0.83	mg/l	0.2	Soil	ATL
539-144-0	surface	4. TCLP		mg/l		Soil	
539-144-0	3/10/2002 surface	5. PH	5.15	mg/l	0.1	Soil	ATL
539-144-1	3/10/2002 .3 m	1. TTLC	52	mg/kg	5	Soil	ATL
539-144-1	3/10/2002 .3 m	2. STLC	2.2	mg/l	0.2	Soil	ATL

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3/10/2002	.3 m	539-144-1	3. STLC-DI	mg/l				Soil	
	.3 m	539-144-1	4. TCLP	mg/l				Soil	
	.3 m	539-144-1	5. PH					Soil	
3/10/2002	.6 m	539-144-2	1. TTLC	90 mg/kg	5			Soil	ATL
3/10/2002	.6 m	539-144-2	2. STLC	5.4 mg/l	0.2			Soil	ATL
3/10/2002	.6 m	539-144-2	3. STLC-DI	mg/l	0.2			Soil	ATL
	.6 m	539-144-2	4. TCLP	mg/l				Soil	
	.6 m	539-144-2	5. PH					Soil	
3/10/2002	.9 m	539-144-3	1. TTLC	31 mg/kg	5			Soil	ATL
	.9 m	539-144-3	2. STLC	mg/l				Soil	
	.9 m	539-144-3	3. STLC-DI	mg/l				Soil	
	.9 m	539-144-3	4. TCLP	mg/l				Soil	
	.9 m	539-144-3	5. PH					Soil	
	1.5 m	539-144-5	1. TTLC	mg/kg				Soil	
	1.5 m	539-144-5	2. STLC	mg/l				Soil	
	1.5 m	539-144-5	3. STLC-DI	mg/l				Soil	
	1.5 m	539-144-5	4. TCLP	mg/l				Soil	
	1.5 m	539-144-5	5. PH					Soil	
3/10/2002	surface	539-145-0	1. TTLC	490 mg/kg	5			Soil	ATL
3/10/2002	surface	539-145-0	2. STLC	46 mg/l	0.2			Soil	ATL
3/10/2002	surface	539-145-0	3. STLC-DI	1.2 mg/l	0.2			Soil	ATL
	surface	539-145-0	4. TCLP	mg/l				Soil	
	surface	539-145-0	5. PH					Soil	
3/10/2002	.3 m	539-145-1	1. TTLC	1300 mg/kg	5			Soil	ATL
	.3 m	539-145-1	2. STLC	mg/l				Soil	
	.3 m	539-145-1	3. STLC-DI	mg/l				Soil	
3/10/2002	.3 m	539-145-1	4. TCLP	5.9 mg/l	0.2			Soil	ATL
	.3 m	539-145-1	5. PH					Soil	
3/10/2002	.6 m	539-145-2	1. TTLC	1300 mg/kg	5			Soil	ATL
	.6 m	539-145-2	2. STLC	mg/l				Soil	
	.6 m	539-145-2	3. STLC-DI	mg/l				Soil	
3/10/2002	.6 m	539-145-2	4. TCLP	5.5 mg/l	0.2			Soil	ATL
	.6 m	539-145-2	5. PH					Soil	
3/10/2002	.9 m	539-145-3	1. TTLC	100 mg/kg	5			Soil	ATL
3/10/2002	.9 m	539-145-3	2. STLC	9.4 mg/l	0.2			Soil	ATL
3/10/2002	.9 m	539-145-3	3. STLC-DI	mg/l	0.2			Soil	ATL
	.9 m	539-145-3	4. TCLP	mg/l				Soil	
	.9 m	539-145-3	5. PH					Soil	

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Depth	Sample ID	Method	Concentration	Date	Unit	Remarks
1.5 m	539-145-5	1. TTLC			mg/kg	
1.5 m	539-145-5	2. STLC			mg/l	
1.5 m	539-145-5	3. STLC-DI			mg/l	
1.5 m	539-145-5	4. TCLP			mg/l	
1.5 m	539-145-5	5. PH				
3/10/2002 surface	539-146-0	1. TTLC	120	3/25/2002	mg/kg	ATL
3/10/2002 surface	539-146-0	2. STLC	7.9	4/2/2002	mg/l	ATL
3/10/2002 surface	539-146-0	3. STLC-DI	0.2	4/9/2002	mg/l	ATL
surface	539-146-0	4. TCLP			mg/l	
surface	539-146-0	5. PH				
3/10/2002 .3 m	539-146-1	1. TTLC	520	3/25/2002	mg/kg	ATL
3/10/2002 .3 m	539-146-1	2. STLC	48	4/2/2002	mg/l	ATL
3/10/2002 .3 m	539-146-1	3. STLC-DI	0.32	4/9/2002	mg/l	ATL
.3 m	539-146-1	4. TCLP			mg/l	
.3 m	539-146-1	5. PH				
3/10/2002 .6 m	539-146-2	1. TTLC	460	3/25/2002	mg/kg	ATL
3/10/2002 .6 m	539-146-2	2. STLC	34	4/2/2002	mg/l	ATL
3/10/2002 .6 m	539-146-2	3. STLC-DI	1	4/9/2002	mg/l	ATL
.6 m	539-146-2	4. TCLP			mg/l	
3/10/2002 .6 m	539-146-2	5. PH	8.02	3/22/2002	mg/l	ATL
3/10/2002 .9 m	539-146-3	1. TTLC	12	3/25/2002	mg/kg	ATL
.9 m	539-146-3	2. STLC			mg/l	
.9 m	539-146-3	3. STLC-DI			mg/l	
.9 m	539-146-3	4. TCLP			mg/l	
.9 m	539-146-3	5. PH				
1.5 m	539-146-5	1. TTLC			mg/kg	
1.5 m	539-146-5	2. STLC			mg/l	
1.5 m	539-146-5	3. STLC-DI			mg/l	
1.5 m	539-146-5	4. TCLP			mg/l	
1.5 m	539-146-5	5. PH				
3/10/2002 surface	539-147-0	1. TTLC	170	3/25/2002	mg/kg	ATL
3/10/2002 surface	539-147-0	2. STLC	14	4/2/2002	mg/l	ATL
3/10/2002 surface	539-147-0	3. STLC-DI	0.2	4/9/2002	mg/l	ATL
surface	539-147-0	4. TCLP			mg/l	
surface	539-147-0	5. PH				
3/10/2002 .3 m	539-147-1	1. TTLC	43	3/25/2002	mg/kg	ATL
.3 m	539-147-1	2. STLC			mg/l	
.3 m	539-147-1	3. STLC-DI			mg/l	

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Depth	Sample ID	Method	Concentration	Date	Media	Notes
.3 m	539-147-1	4. TCLP	mg/l		Soil	
.3 m	539-147-1	5. PH			Soil	
3/10/2002 .6 m	539-147-2	1. TTLC	mg/kg	5	Soil	ATL
.6 m	539-147-2	2. STLC	mg/l		Soil	
.6 m	539-147-2	3. STLC-DI	mg/l		Soil	
.6 m	539-147-2	4. TCLP	mg/l		Soil	
.6 m	539-147-2	5. PH			Soil	
3/10/2002 .9 m	539-147-3	1. TTLC	56 mg/kg	5	Soil	ATL
3/10/2002 .9 m	539-147-3	2. STLC	0.29 mg/l	0.2	Soil	ATL
.9 m	539-147-3	3. STLC-DI	mg/l		Soil	
.9 m	539-147-3	4. TCLP	mg/l		Soil	
.9 m	539-147-3	5. PH			Soil	
1.5 m	539-147-5	1. TTLC	mg/kg		Soil	
1.5 m	539-147-5	2. STLC	mg/l		Soil	
1.5 m	539-147-5	3. STLC-DI	mg/l		Soil	
1.5 m	539-147-5	4. TCLP	mg/l		Soil	
1.5 m	539-147-5	5. PH			Soil	
3/10/2002 surface	539-148-0	1. TTLC	380 mg/kg	5	Soil	ATL
3/10/2002 surface	539-148-0	2. STLC	47 mg/l	0.2	Soil	ATL
3/10/2002 surface	539-148-0	3. STLC-DI	0.33 mg/l	0.2	Soil	ATL
surface	539-148-0	4. TCLP	mg/l		Soil	
surface	539-148-0	5. PH			Soil	
3/10/2002 .3 m	539-148-1	1. TTLC	720 mg/kg	5	Soil	ATL
3/10/2002 .3 m	539-148-1	2. STLC	71 mg/l	0.2	Soil	ATL
3/10/2002 .3 m	539-148-1	3. STLC-DI	0.38 mg/l	0.2	Soil	ATL
.3 m	539-148-1	4. TCLP	mg/l		Soil	
.3 m	539-148-1	5. PH			Soil	
3/10/2002 .6 m	539-148-2	1. TTLC	260 mg/kg	5	Soil	ATL
3/10/2002 .6 m	539-148-2	2. STLC	27 mg/l	0.2	Soil	ATL
3/10/2002 .6 m	539-148-2	3. STLC-DI	mg/l		Soil	
.6 m	539-148-2	4. TCLP	mg/l		Soil	
.6 m	539-148-2	5. PH			Soil	
3/10/2002 .9 m	539-148-3	1. TTLC	18 mg/kg	5	Soil	ATL
.9 m	539-148-3	2. STLC	mg/l		Soil	
.9 m	539-148-3	3. STLC-DI	mg/l		Soil	
.9 m	539-148-3	4. TCLP	mg/l		Soil	
.9 m	539-148-3	5. PH			Soil	
3/10/2002 1.5 m	539-148-5	1. TTLC	23 mg/kg	5	Soil	ATL

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1.5 m	539-148-5	2. STLC	mg/l		Soil	
1.5 m	539-148-5	3. STLC-DI	mg/l		Soil	
1.5 m	539-148-5	4. TCLP	mg/l		Soil	
3/10/2002 1.5 m	539-148-5	5. PH	7.77	0.1	Soil	ATL
3/10/2002 surface	539-149-0	1. TTLC	420 mg/kg	5	Soil	ATL
3/10/2002 surface	539-149-0	2. STLC	19 mg/l	0.2	Soil	ATL
3/10/2002 surface	539-149-0	3. STLC-DI	1.4 mg/l	0.2	Soil	ATL
surface	539-149-0	4. TCLP	mg/l		Soil	
surface	539-149-0	5. PH			Soil	
3/10/2002 .3 m	539-149-1	1. TTLC	100 mg/kg	5	Soil	ATL
3/10/2002 .3 m	539-149-1	2. STLC	5.1 mg/l	0.2	Soil	ATL
3/10/2002 .3 m	539-149-1	3. STLC-DI	0.3 mg/l	0.2	Soil	ATL
.3 m	539-149-1	4. TCLP	mg/l		Soil	
.3 m	539-149-1	5. PH			Soil	
3/10/2002 .6 m	539-149-2	1. TTLC	26 mg/kg	5	Soil	ATL
.6 m	539-149-2	2. STLC	mg/l		Soil	
.6 m	539-149-2	3. STLC-DI	mg/l		Soil	
.6 m	539-149-2	4. TCLP	mg/l		Soil	
.6 m	539-149-2	5. PH			Soil	
3/10/2002 .9 m	539-149-3	1. TTLC	43 mg/kg	5	Soil	ATL
.9 m	539-149-3	2. STLC	mg/l		Soil	
.9 m	539-149-3	3. STLC-DI	mg/l		Soil	
.9 m	539-149-3	4. TCLP	mg/l		Soil	
.9 m	539-149-3	5. PH			Soil	
3/10/2002 1.5 m	539-149-5	1. TTLC	26 mg/kg	5	Soil	ATL
1.5 m	539-149-5	2. STLC	mg/l		Soil	
1.5 m	539-149-5	3. STLC-DI	mg/l		Soil	
1.5 m	539-149-5	4. TCLP	mg/l		Soil	
1.5 m	539-149-5	5. PH			Soil	
3/10/2002 surface	539-150-0	1. TTLC	1300 mg/kg	5	Soil	ATL
surface	539-150-0	2. STLC	mg/l		Soil	
surface	539-150-0	3. STLC-DI	mg/l		Soil	
3/10/2002 surface	539-150-0	4. TCLP	2.2 mg/l	0.2	Soil	ATL
surface	539-150-0	5. PH			Soil	
3/10/2002 .3 m	539-150-1	1. TTLC	53 mg/kg	5	Soil	ATL
3/10/2002 .3 m	539-150-1	2. STLC	0.22 mg/l	0.2	Soil	ATL
.3 m	539-150-1	3. STLC-DI	mg/l		Soil	
.3 m	539-150-1	4. TCLP	mg/l		Soil	

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Depth	Sample ID	Parameter	Concentration	Unit	Date	Soil Type	Notes
.3 m	539-150-1	5. PH				Soil	
3/10/2002	539-150-2	1. TTLC	30	mg/kg	5	Soil	ATL
.6 m	539-150-2	2. STLC		mg/l		Soil	
.6 m	539-150-2	3. STLC-DI		mg/l		Soil	
.6 m	539-150-2	4. TCLP		mg/l		Soil	
.6 m	539-150-2	5. PH				Soil	
.9 m	539-150-3	1. TTLC		mg/kg		Soil	
.9 m	539-150-3	2. STLC		mg/l		Soil	
.9 m	539-150-3	3. STLC-DI		mg/l		Soil	
.9 m	539-150-3	4. TCLP		mg/l		Soil	
.9 m	539-150-3	5. PH				Soil	
1.5 m	539-150-5	1. TTLC		mg/kg		Soil	
1.5 m	539-150-5	2. STLC		mg/l		Soil	
1.5 m	539-150-5	3. STLC-DI		mg/l		Soil	
1.5 m	539-150-5	4. TCLP		mg/l		Soil	
1.5 m	539-150-5	5. PH				Soil	
3/10/2002	539-151-0	1. TTLC	1300	mg/kg	5	Soil	ATL
surface	539-151-0	2. STLC		mg/l		Soil	
surface	539-151-0	3. STLC-DI		mg/l		Soil	
3/10/2002	539-151-0	4. TCLP	2.1	mg/l	0.2	Soil	ATL
surface	539-151-0	5. PH				Soil	
3/10/2002	539-151-1	1. TTLC	1200	mg/kg	5	Soil	ATL
.3 m	539-151-1	2. STLC		mg/l		Soil	
.3 m	539-151-1	3. STLC-DI		mg/l		Soil	
3/10/2002	539-151-1	4. TCLP	0.33	mg/l	0.2	Soil	ATL
3/10/2002	539-151-1	5. PH	6.27		0.1	Soil	ATL
3/10/2002	539-151-2	1. TTLC	27	mg/kg	5	Soil	ATL
.6 m	539-151-2	2. STLC		mg/l		Soil	
.6 m	539-151-2	3. STLC-DI		mg/l		Soil	
.6 m	539-151-2	4. TCLP		mg/l		Soil	
.6 m	539-151-2	5. PH				Soil	
3/10/2002	539-151-3	1. TTLC	61	mg/kg	5	Soil	ATL
3/10/2002	539-151-3	2. STLC	2.8	mg/l	0.2	Soil	ATL
.9 m	539-151-3	3. STLC-DI		mg/l		Soil	
.9 m	539-151-3	4. TCLP		mg/l		Soil	
.9 m	539-151-3	5. PH				Soil	
3/10/2002	539-151-5	1. TTLC	12	mg/kg	5	Soil	ATL
1.5 m	539-151-5	2. STLC		mg/l		Soil	

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1.5 m	539-151-5	3. STLC-DI	mg/		Soil	
1.5 m	539-151-5	4. TCLP	mg/		Soil	
1.5 m	539-151-5	5. PH			Soil	
3/10/2002 surface	539-152-0	1. TTLC	11 mg/kg	5	Soil	ATL
surface	539-152-0	2. STLC	mg/		Soil	
surface	539-152-0	3. STLC-DI	mg/		Soil	
surface	539-152-0	4. TCLP	mg/		Soil	
surface	539-152-0	5. PH			Soil	
3/10/2002 .3 m	539-152-1	1. TTLC	410 mg/kg	5	Soil	ATL
3/10/2002 .3 m	539-152-1	2. STLC	14 mg/	0.2	Soil	ATL
3/10/2002 .3 m	539-152-1	3. STLC-DI	mg/		Soil	
.3 m	539-152-1	4. TCLP	mg/		Soil	
.3 m	539-152-1	5. PH			Soil	
3/10/2002 .6 m	539-152-2	1. TTLC	120 mg/kg	5	Soil	ATL
3/10/2002 .6 m	539-152-2	2. STLC	0.36 mg/	0.2	Soil	ATL
.6 m	539-152-2	3. STLC-DI	mg/		Soil	
.6 m	539-152-2	4. TCLP	mg/		Soil	
.6 m	539-152-2	5. PH			Soil	
3/10/2002 .9 m	539-152-3	1. TTLC	78 mg/kg	5	Soil	ATL
3/10/2002 .9 m	539-152-3	2. STLC	mg/	0.2	Soil	ATL
.9 m	539-152-3	3. STLC-DI	mg/		Soil	
.9 m	539-152-3	4. TCLP	mg/		Soil	
.9 m	539-152-3	5. PH			Soil	
3/10/2002 1.5 m	539-152-5	1. TTLC	910 mg/kg	5	Soil	ATL
3/10/2002 1.5 m	539-152-5	2. STLC	55 mg/	0.2	Soil	ATL
3/10/2002 1.5 m	539-152-5	3. STLC-DI	mg/	0.2	Soil	ATL
1.5 m	539-152-5	4. TCLP	mg/		Soil	
1.5 m	539-152-5	5. PH			Soil	
3/10/2002 surface	539-153-0	1. TTLC	6900 mg/kg	5	Soil	ATL
surface	539-153-0	2. STLC	mg/		Soil	
surface	539-153-0	3. STLC-DI	mg/		Soil	
3/10/2002 surface	539-153-0	4. TCLP	1.1 mg/	0.2	Soil	ATL
surface	539-153-0	5. PH			Soil	
3/10/2002 .3 m	539-153-1	1. TTLC	250 mg/kg	5	Soil	ATL
3/10/2002 .3 m	539-153-1	2. STLC	42 mg/	0.2	Soil	ATL
3/10/2002 .3 m	539-153-1	3. STLC-DI	3.4 mg/	0.2	Soil	ATL
.3 m	539-153-1	4. TCLP	mg/		Soil	
3/10/2002 .3 m	539-153-1	5. PH	7.04	0.1	Soil	ATL

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3/10/2002	.6 m	539-153-2	1. TTLC	150 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2002	.6 m	539-153-2	2. STLC	7.1 mg/l	0.2	4/2/2002	Lead	Soil	ATL
3/10/2002	.6 m	539-153-2	3. STLC-DI	ND	0.2	4/9/2002	Lead	Soil	ATL
	.6 m	539-153-2	4. TCLP				Lead	Soil	
	.6 m	539-153-2	5. PH					Soil	
3/10/2002	.9 m	539-153-3	1. TTLC	14 mg/kg	5	3/25/2002	Lead	Soil	ATL
	.9 m	539-153-3	2. STLC	mg/l			Lead	Soil	
	.9 m	539-153-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	539-153-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	539-153-3	5. PH	mg/l				Soil	
3/10/2002	1.5 m	539-153-5	1. TTLC	28 mg/kg	5	3/25/2002	Lead	Soil	ATL
	1.5 m	539-153-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	539-153-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	539-153-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	539-153-5	5. PH	mg/l				Soil	
3/10/2002	surface	539-154-0	1. TTLC	2500 mg/kg	5	3/25/2002	Lead	Soil	ATL
	surface	539-154-0	2. STLC	mg/l			Lead	Soil	
	surface	539-154-0	3. STLC-DI	mg/l			Lead	Soil	
3/10/2002	surface	539-154-0	4. TCLP	2 mg/l	0.2	4/11/2002	Lead	Soil	ATL
	surface	539-154-0	5. PH					Soil	
3/10/2002	.3 m	539-154-1	1. TTLC	690 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2002	.3 m	539-154-1	2. STLC	57 mg/l	0.2	4/2/2002	Lead	Soil	ATL
3/10/2002	.3 m	539-154-1	3. STLC-DI	0.32 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	.3 m	539-154-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	539-154-1	5. PH					Soil	
3/10/2002	.6 m	539-154-2	1. TTLC	25 mg/kg	5	3/25/2002	Lead	Soil	ATL
	.6 m	539-154-2	2. STLC	mg/l			Lead	Soil	
	.6 m	539-154-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	539-154-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	539-154-2	5. PH	mg/l				Soil	
	.9 m	539-154-3	1. TTLC	mg/kg			Lead	Soil	
	.9 m	539-154-3	2. STLC	mg/l			Lead	Soil	
	.9 m	539-154-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	539-154-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	539-154-3	5. PH	mg/l				Soil	
	1.5 m	539-154-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	539-154-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	539-154-5	3. STLC-DI	mg/l			Lead	Soil	

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Sample ID	Depth	Method	Concentration	Unit	Date	Soil Type	Notes
539-154-5	1.5 m	4. TCLP		mg/l		Soil	
539-154-5	1.5 m	5. PH				Soil	
539-155-0	3/10/2002 surface	1. TTLC	140	mg/kg	3/25/2002	Soil	ATL
539-155-0	3/10/2002 surface	2. STLC	1.8	mg/l	4/2/2002	Soil	ATL
539-155-0	surface	3. STLC-DI		mg/l		Soil	
539-155-0	surface	4. TCLP		mg/l		Soil	
539-155-0	surface	5. PH				Soil	
539-155-1	3/10/2002 .3 m	1. TTLC	66	mg/kg	3/25/2002	Soil	ATL
539-155-1	3/10/2002 .3 m	2. STLC	3.7	mg/l	4/2/2002	Soil	ATL
539-155-1	.3 m	3. STLC-DI		mg/l		Soil	
539-155-1	.3 m	4. TCLP		mg/l		Soil	
539-155-1	.3 m	5. PH				Soil	
539-155-2	3/10/2002 .6 m	1. TTLC	29	mg/kg	3/25/2002	Soil	ATL
539-155-2	.6 m	2. STLC		mg/l		Soil	
539-155-2	.6 m	3. STLC-DI		mg/l		Soil	
539-155-2	.6 m	4. TCLP		mg/l		Soil	
539-155-2	.6 m	5. PH				Soil	
539-155-3	3/10/2002 .9 m	1. TTLC	2100	mg/kg	3/25/2002	Soil	ATL
539-155-3	.9 m	2. STLC		mg/l		Soil	
539-155-3	.9 m	3. STLC-DI		mg/l		Soil	
539-155-3	3/10/2002 .9 m	4. TCLP	2.3	mg/l	4/11/2002	Soil	ATL
539-155-3	3/10/2002 .9 m	5. PH	7.43		3/22/2002	Soil	ATL
539-155-5	3/10/2002 1.5 m	1. TTLC	170	mg/kg	3/25/2002	Soil	ATL
539-155-5	3/10/2002 1.5 m	2. STLC	2.1	mg/l	4/2/2002	Soil	ATL
539-155-5	1.5 m	3. STLC-DI		mg/l		Soil	
539-155-5	1.5 m	4. TCLP		mg/l		Soil	
539-155-5	1.5 m	5. PH				Soil	
539-156-0	3/10/2002 surface	1. TTLC	2200	mg/kg	3/25/2002	Soil	ATL
539-156-0	surface	2. STLC		mg/l		Soil	
539-156-0	surface	3. STLC-DI		mg/l		Soil	
539-156-0	3/10/2002 surface	4. TCLP	1.3	mg/l	4/11/2002	Soil	ATL
539-156-0	3/10/2002 surface	5. PH				Soil	
539-156-1	3/10/2002 .3 m	1. TTLC	11	mg/kg	3/25/2002	Soil	ATL
539-156-1	.3 m	2. STLC		mg/l		Soil	
539-156-1	.3 m	3. STLC-DI		mg/l		Soil	
539-156-1	.3 m	4. TCLP		mg/l		Soil	
539-156-1	.3 m	5. PH				Soil	
539-156-2	3/10/2002 .6 m	1. TTLC	41	mg/kg	3/25/2002	Soil	ATL

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Date	Depth	Sample ID	Method	Concentration	Unit	Soil Type	Notes
	.6 m	539-156-2	2. STLC		mg/l	Soil	
	.6 m	539-156-2	3. STLC-DI		mg/l	Soil	
	.6 m	539-156-2	4. TCLP		mg/l	Soil	
	.6 m	539-156-2	5. PH			Soil	
	.9 m	539-156-3	1. TTLC		mg/kg	Soil	
	.9 m	539-156-3	2. STLC		mg/l	Soil	
	.9 m	539-156-3	3. STLC-DI		mg/l	Soil	
	.9 m	539-156-3	4. TCLP		mg/l	Soil	
	.9 m	539-156-3	5. PH			Soil	
	1.5 m	539-156-5	1. TTLC		mg/kg	Soil	
	1.5 m	539-156-5	2. STLC		mg/l	Soil	
	1.5 m	539-156-5	3. STLC-DI		mg/l	Soil	
	1.5 m	539-156-5	4. TCLP		mg/l	Soil	
	1.5 m	539-156-5	5. PH			Soil	
3/10/2001	surface	539-157-0	1. TTLC	11	mg/kg	Soil	ATL
	surface	539-157-0	2. STLC		mg/l	Soil	
	surface	539-157-0	3. STLC-DI		mg/l	Soil	
	surface	539-157-0	4. TCLP		mg/l	Soil	
	surface	539-157-0	5. PH			Soil	
3/10/2001	.3 m	539-157-1	1. TTLC	71	mg/kg	Soil	ATL
3/10/2001	.3 m	539-157-1	2. STLC	8.5	mg/l	Soil	ATL
3/10/2001	.3 m	539-157-1	3. STLC-DI	ND		Soil	ATL
	.3 m	539-157-1	4. TCLP		mg/l	Soil	
	.3 m	539-157-1	5. PH			Soil	
3/10/2001	.6 m	539-157-2	1. TTLC	240	mg/kg	Soil	ATL
3/10/2001	.6 m	539-157-2	2. STLC	4.5	mg/l	Soil	ATL
3/10/2001	.6 m	539-157-2	3. STLC-DI	0.29	mg/l	Soil	ATL
	.6 m	539-157-2	4. TCLP		mg/l	Soil	
	.6 m	539-157-2	5. PH			Soil	
3/10/2001	.9 m	539-157-3	1. TTLC	8.7	mg/kg	Soil	ATL
	.9 m	539-157-3	2. STLC		mg/l	Soil	
	.9 m	539-157-3	3. STLC-DI		mg/l	Soil	
	.9 m	539-157-3	4. TCLP		mg/l	Soil	
	.9 m	539-157-3	5. PH			Soil	
3/10/2001	1.5 m	539-157-5	1. TTLC	11	mg/kg	Soil	ATL
	1.5 m	539-157-5	2. STLC		mg/l	Soil	
	1.5 m	539-157-5	3. STLC-DI		mg/l	Soil	
	1.5 m	539-157-5	4. TCLP		mg/l	Soil	



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Depth	Sample ID	Method	Concentration	Date	Unit	Soil Type
.6 m	539-159-2	3. STLC-DI				Soil
.6 m	539-159-2	4. TCLP				Soil
.6 m	539-159-2	5. PH				Soil
3/10/2001 .9 m	539-159-3	1. TTLC	350 mg/kg	3/25/2002	Lead	Soil
3/10/2001 .9 m	539-159-3	2. STLC	0.25 mg/l	4/2/2002	Lead	Soil
.9 m	539-159-3	3. STLC-DI			Lead	Soil
.9 m	539-159-3	4. TCLP			Lead	Soil
.9 m	539-159-3	5. PH			Lead	Soil
1.5 m	539-159-5	1. TTLC			Lead	Soil
1.5 m	539-159-5	2. STLC			Lead	Soil
1.5 m	539-159-5	3. STLC-DI			Lead	Soil
1.5 m	539-159-5	4. TCLP			Lead	Soil
1.5 m	539-159-5	5. PH			Lead	Soil
3/10/2001 surface	539-160-0	1. TTLC	590 mg/kg	3/25/2002	Lead	Soil
3/10/2001 surface	539-160-0	2. STLC	9.1 mg/l	4/2/2002	Lead	Soil
3/10/2001 surface	539-160-0	3. STLC-DI		4/9/2002	Lead	Soil
surface	539-160-0	4. TCLP			Lead	Soil
surface	539-160-0	5. PH			Lead	Soil
3/10/2001 .3 m	539-160-1	1. TTLC	530 mg/kg	3/25/2002	Lead	Soil
3/10/2001 .3 m	539-160-1	2. STLC	9.3 mg/l	4/2/2002	Lead	Soil
3/10/2001 .3 m	539-160-1	3. STLC-DI		4/9/2002	Lead	Soil
.3 m	539-160-1	4. TCLP			Lead	Soil
3/10/2001 .3 m	539-160-1	5. PH	7.39	3/22/2002	Lead	Soil
3/10/2001 .6 m	539-160-2	1. TTLC	120 mg/kg	3/25/2002	Lead	Soil
3/10/2001 .6 m	539-160-2	2. STLC	8.4 mg/l	4/2/2002	Lead	Soil
3/10/2001 .6 m	539-160-2	3. STLC-DI		4/9/2002	Lead	Soil
.6 m	539-160-2	4. TCLP			Lead	Soil
.6 m	539-160-2	5. PH			Lead	Soil
3/10/2001 .9 m	539-160-3	1. TTLC	100 mg/kg	3/25/2002	Lead	Soil
3/10/2001 .9 m	539-160-3	2. STLC	0.78 mg/l	4/2/2002	Lead	Soil
.9 m	539-160-3	3. STLC-DI			Lead	Soil
.9 m	539-160-3	4. TCLP			Lead	Soil
.9 m	539-160-3	5. PH			Lead	Soil
3/10/2001 1.5 m	539-160-5	1. TTLC	17 mg/kg	3/25/2002	Lead	Soil
3/10/2001 1.5 m	539-160-5	2. STLC	0.49 mg/l	4/2/2002	Lead	Soil
1.5 m	539-160-5	3. STLC-DI			Lead	Soil
1.5 m	539-160-5	4. TCLP			Lead	Soil
1.5 m	539-160-5	5. PH			Lead	Soil

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3/10/2001	surface	539-161-0	1. TTLC	490 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2001	surface	539-161-0	2. STLC	57 mg/l	0.2	4/2/2002	Lead	Soil	ATL
3/10/2001	surface	539-161-0	3. STLC-DI	0.28 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	surface	539-161-0	4. TCLP	mg/l			Lead	Soil	
	surface	539-161-0	5. PH					Soil	
3/10/2001	.3 m	539-161-1	1. TTLC	260 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2001	.3 m	539-161-1	2. STLC	0.66 mg/l	0.2	4/2/2002	Lead	Soil	ATL
	.3 m	539-161-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	539-161-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	539-161-1	5. PH	mg/l				Soil	
3/10/2001	.6 m	539-161-2	1. TTLC	55 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2001	.6 m	539-161-2	2. STLC	mg/l	0.2	4/2/2002	Lead	Soil	ATL
	.6 m	539-161-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	539-161-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	539-161-2	5. PH	mg/l				Soil	
3/10/2001	.9 m	539-161-3	1. TTLC	38 mg/kg	5	3/25/2002	Lead	Soil	ATL
	.9 m	539-161-3	2. STLC	mg/l			Lead	Soil	
	.9 m	539-161-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	539-161-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	539-161-3	5. PH	mg/l				Soil	
3/10/2001	1.5 m	539-161-5	1. TTLC	330 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2001	1.5 m	539-161-5	2. STLC	1.5 mg/l	0.2	4/2/2002	Lead	Soil	ATL
	1.5 m	539-161-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	539-161-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	539-161-5	5. PH	mg/l				Soil	
3/10/2001	surface	539-162-0	1. TTLC	700 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2001	surface	539-162-0	2. STLC	32 mg/l	0.2	4/2/2002	Lead	Soil	ATL
3/10/2001	surface	539-162-0	3. STLC-DI	mg/l	0.2	4/9/2002	Lead	Soil	ATL
	surface	539-162-0	4. TCLP	mg/l			Lead	Soil	
	surface	539-162-0	5. PH	mg/l				Soil	
3/10/2001	.3 m	539-162-1	1. TTLC	12 mg/kg	5	3/25/2002	Lead	Soil	ATL
	.3 m	539-162-1	2. STLC	mg/l			Lead	Soil	
	.3 m	539-162-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	539-162-1	4. TCLP	mg/l			Lead	Soil	
3/10/2001	.3 m	539-162-1	5. PH	8.13	0.1	3/22/2002	Lead	Soil	ATL
3/10/2001	.6 m	539-162-2	1. TTLC	1100 mg/kg	5	3/25/2002	Lead	Soil	ATL
	.6 m	539-162-2	2. STLC	mg/l			Lead	Soil	
	.6 m	539-162-2	3. STLC-DI	mg/l			Lead	Soil	

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3/10/2001	.6 m	539-162-2	4. TCLP	0.21 mg/l	0.2	4/11/2002	Lead	Soil	ATL
	.6 m	539-162-2	5. PH					Soil	
3/10/2001	.9 m	539-162-3	1. TTLC	200 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2001	.9 m	539-162-3	2. STLC	0.21 mg/l	0.2	4/2/2002	Lead	Soil	ATL
	.9 m	539-162-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	539-162-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	539-162-3	5. PH					Soil	
3/10/2001	1.5 m	539-162-5	1. TTLC	1100 mg/kg	5	3/25/2002	Lead	Soil	ATL
	1.5 m	539-162-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	539-162-5	3. STLC-DI	mg/l			Lead	Soil	
3/10/2001	1.5 m	539-162-5	4. TCLP	0.27 mg/l	0.2	4/11/2002	Lead	Soil	ATL
	1.5 m	539-162-5	5. PH					Soil	
3/10/2001	surface	539-163-0	1. TTLC	2600 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2001	surface	539-163-0	2. STLC	230 mg/l	0.2	4/2/2002	Lead	Soil	ATL
3/10/2001	surface	539-163-0	3. STLC-DI	0.43 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	surface	539-163-0	4. TCLP	mg/l			Lead	Soil	
	surface	539-163-0	5. PH					Soil	
3/10/2001	.3 m	539-163-1	1. TTLC	880 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2001	.3 m	539-163-1	2. STLC	11 mg/l	0.2	4/2/2002	Lead	Soil	ATL
3/10/2001	.3 m	539-163-1	3. STLC-DI	0.69 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	.3 m	539-163-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	539-163-1	5. PH					Soil	
3/10/2001	.6 m	539-163-2	1. TTLC	33 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2001	.6 m	539-163-2	2. STLC	1 mg/l	0.2	4/2/2002	Lead	Soil	ATL
	.6 m	539-163-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	539-163-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	539-163-2	5. PH					Soil	
3/10/2001	.9 m	539-163-3	1. TTLC	220 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2001	.9 m	539-163-3	2. STLC	ND	0.2	4/2/2002	Lead	Soil	ATL
	.9 m	539-163-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	539-163-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	539-163-3	5. PH					Soil	
3/10/2001	1.5 m	539-163-5	1. TTLC	34 mg/kg	5	3/25/2002	Lead	Soil	ATL
	1.5 m	539-163-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	539-163-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	539-163-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	539-163-5	5. PH					Soil	
3/10/2001	surface	539-164-0	1. TTLC	330 mg/kg	5	3/25/2002	Lead	Soil	ATL

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3/10/2001	surface	539-164-0	2. STLC	30 mg/l	0.2	4/2/2002	Lead	Soil	ATL
3/10/2001	surface	539-164-0	3. STLC-DI	mg/l	0.2	4/9/2002	Lead	Soil	ATL
	surface	539-164-0	4. TCLP	mg/l			Lead	Soil	
	surface	539-164-0	5. PH					Soil	
3/10/2001	.3 m	539-164-1	1. TTLC	540 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2001	.3 m	539-164-1	2. STLC	35 mg/l	0.2	4/2/2002	Lead	Soil	ATL
3/10/2001	.3 m	539-164-1	3. STLC-DI	1.5 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	.3 m	539-164-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	539-164-1	5. PH					Soil	
3/10/2001	.6 m	539-164-2	1. TTLC	410 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2001	.6 m	539-164-2	2. STLC	49 mg/l	0.2	4/2/2002	Lead	Soil	ATL
3/10/2001	.6 m	539-164-2	3. STLC-DI	2.1 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	.6 m	539-164-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	539-164-2	5. PH					Soil	
	.9 m	539-164-3	1. TTLC	mg/kg			Lead	Soil	
	.9 m	539-164-3	2. STLC	mg/l			Lead	Soil	
	.9 m	539-164-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	539-164-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	539-164-3	5. PH					Soil	
	1.5 m	539-164-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	539-164-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	539-164-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	539-164-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	539-164-5	5. PH					Soil	
3/10/2001	surface	539-165-0	1. TTLC	800 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2001	surface	539-165-0	2. STLC	59 mg/l	0.2	4/2/2002	Lead	Soil	ATL
3/10/2001	surface	539-165-0	3. STLC-DI	2.1 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	surface	539-165-0	4. TCLP	mg/l			Lead	Soil	
	surface	539-165-0	5. PH					Soil	
3/10/2001	.3 m	539-165-1	1. TTLC	420 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2001	.3 m	539-165-1	2. STLC	42 mg/l	0.2	4/2/2002	Lead	Soil	ATL
3/10/2001	.3 m	539-165-1	3. STLC-DI	1.7 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	.3 m	539-165-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	539-165-1	5. PH					Soil	
3/10/2001	.6 m	539-165-2	1. TTLC	75 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2001	.6 m	539-165-2	2. STLC	2.4 mg/l	0.2	4/2/2002	Lead	Soil	ATL
	.6 m	539-165-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	539-165-2	4. TCLP	mg/l			Lead	Soil	



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3/10/2001	surface	539-167-0	3. STLC-DI	0.47 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	surface	539-167-0	4. TCLP	mg/l			Lead	Soil	
	surface	539-167-0	5. PH					Soil	
3/10/2001	.3 m	539-167-1	1. TTLC	230 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2001	.3 m	539-167-1	2. STLC	13 mg/l	0.2	4/2/2002	Lead	Soil	ATL
3/10/2001	.3 m	539-167-1	3. STLC-DI	0.46 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	.3 m	539-167-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	539-167-1	5. PH					Soil	
3/10/2001	.6 m	539-167-2	1. TTLC	220 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2001	.6 m	539-167-2	2. STLC	25 mg/l	0.2	4/2/2002	Lead	Soil	ATL
3/10/2001	.6 m	539-167-2	3. STLC-DI	0.58 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	.6 m	539-167-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	539-167-2	5. PH					Soil	
	.9 m	539-167-3	1. TTLC	mg/kg			Lead	Soil	
	.9 m	539-167-3	2. STLC	mg/l			Lead	Soil	
	.9 m	539-167-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	539-167-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	539-167-3	5. PH					Soil	
	1.5 m	539-167-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	539-167-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	539-167-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	539-167-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	539-167-5	5. PH					Soil	
3/10/2001	surface	539-168-0	1. TTLC	850 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2001	surface	539-168-0	2. STLC	61 mg/l	0.2	4/2/2002	Lead	Soil	ATL
3/10/2001	surface	539-168-0	3. STLC-DI	0.77 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	surface	539-168-0	4. TCLP	mg/l			Lead	Soil	
	surface	539-168-0	5. PH					Soil	
3/10/2001	.3 m	539-168-1	1. TTLC	550 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2001	.3 m	539-168-1	2. STLC	41 mg/l	0.2	4/2/2002	Lead	Soil	ATL
3/10/2001	.3 m	539-168-1	3. STLC-DI	0.65 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	.3 m	539-168-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	539-168-1	5. PH					Soil	
3/10/2001	.6 m	539-168-2	1. TTLC	250 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2001	.6 m	539-168-2	2. STLC	13 mg/l	0.2	4/2/2002	Lead	Soil	ATL
3/10/2001	.6 m	539-168-2	3. STLC-DI	0.38 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	.6 m	539-168-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	539-168-2	5. PH					Soil	

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3/10/2001	.9 m	539-168-3	1. TTLC		95 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2001	.9 m	539-168-3	2. STLC		8 mg/l	0.2	4/2/2002	Lead	Soil	ATL
3/10/2001	.9 m	539-168-3	3. STLC-DI		0.28 mg/l	0.2	4/9/2002	Lead	Soil	ATL
	.9 m	539-168-3	4. TCLP		mg/l			Lead	Soil	
	.9 m	539-168-3	5. PH						Soil	
3/10/2001	1.5 m	539-168-5	1. TTLC		98 mg/kg	5	3/25/2002	Lead	Soil	ATL
3/10/2001	1.5 m	539-168-5	2. STLC		8.1 mg/l	0.2	4/2/2002	Lead	Soil	ATL
3/10/2001	1.5 m	539-168-5	3. STLC-DI	ND	mg/l	0.2	4/9/2002	Lead	Soil	ATL
	1.5 m	539-168-5	4. TCLP		mg/l			Lead	Soil	
	1.5 m	539-168-5	5. PH						Soil	
3/21/2002	surface	539-169-0	1. TTLC		830 mg/kg	5	3/27/2002	Lead	Soil	ATL
3/21/2002	surface	539-169-0	2. STLC		82 mg/l	0.2	4/5/2002	Lead	Soil	ATL
3/21/2002	surface	539-169-0	3. STLC-DI		7.4 mg/l	0.2	4/15/2002	Lead	Soil	ATL
	surface	539-169-0	4. TCLP		mg/l			Lead	Soil	
	surface	539-169-0	5. PH						Soil	
3/21/2002	.3 m	539-169-1	1. TTLC		240 mg/kg	5	3/27/2002	Lead	Soil	ATL
3/21/2002	.3 m	539-169-1	2. STLC		13 mg/l	0.2	4/5/2002	Lead	Soil	ATL
3/21/2002	.3 m	539-169-1	3. STLC-DI	ND	mg/l	0.2	4/15/2002	Lead	Soil	ATL
	.3 m	539-169-1	4. TCLP		mg/l			Lead	Soil	
	.3 m	539-169-1	5. PH						Soil	
3/21/2002	.6 m	539-169-2	1. TTLC		470 mg/kg	5	3/27/2002	Lead	Soil	ATL
3/21/2002	.6 m	539-169-2	2. STLC		22 mg/l	0.2	4/5/2002	Lead	Soil	ATL
3/21/2002	.6 m	539-169-2	3. STLC-DI	ND	mg/l	0.2	4/15/2002	Lead	Soil	ATL
	.6 m	539-169-2	4. TCLP		mg/l			Lead	Soil	
	.6 m	539-169-2	5. PH						Soil	
3/21/2002	.9 m	539-169-3	1. TTLC		40 mg/kg	5	3/27/2002	Lead	Soil	ATL
	.9 m	539-169-3	2. STLC		mg/l			Lead	Soil	
	.9 m	539-169-3	3. STLC-DI		mg/l			Lead	Soil	
	.9 m	539-169-3	4. TCLP		mg/l			Lead	Soil	
	.9 m	539-169-3	5. PH						Soil	
	1.5 m	539-169-5	1. TTLC		mg/kg			Lead	Soil	
	1.5 m	539-169-5	2. STLC		mg/l			Lead	Soil	
	1.5 m	539-169-5	3. STLC-DI		mg/l			Lead	Soil	
	1.5 m	539-169-5	4. TCLP		mg/l			Lead	Soil	
	1.5 m	539-169-5	5. PH						Soil	
3/21/2002	surface	539-170-0	1. TTLC		1200 mg/kg	5	3/27/2002	Lead	Soil	ATL
	surface	539-170-0	2. STLC		mg/l			Lead	Soil	
	surface	539-170-0	3. STLC-DI		mg/l			Lead	Soil	

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3/21/2002	surface	539-170-0	4. TCLP	9.5 mg/l	0.2	4/5/2002	Lead	Soil	ATL
	surface	539-170-0	5. PH					Soil	
3/21/2002	.3 m	539-170-1	1. TTLC	420 mg/kg	5	3/27/2002	Lead	Soil	ATL
3/21/2002	.3 m	539-170-1	2. STLC	25 mg/l	0.2	4/5/2002	Lead	Soil	ATL
3/21/2002	.3 m	539-170-1	3. STLC-DI	ND	0.2	4/15/2002	Lead	Soil	ATL
	.3 m	539-170-1	4. TCLP				Lead	Soil	
	.3 m	539-170-1	5. PH					Soil	
3/21/2002	.6 m	539-170-2	1. TTLC	14 mg/kg	5	3/27/2002	Lead	Soil	ATL
	.6 m	539-170-2	2. STLC	mg/l			Lead	Soil	
	.6 m	539-170-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	539-170-2	4. TCLP	mg/l			Lead	Soil	
3/21/2002	.6 m	539-170-2	5. PH	6.97	0.1	3/27/2002	Lead	Soil	ATL
3/21/2002	.9 m	539-170-3	1. TTLC	10 mg/kg	5	3/27/2002	Lead	Soil	ATL
	.9 m	539-170-3	2. STLC	mg/l			Lead	Soil	
	.9 m	539-170-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	539-170-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	539-170-3	5. PH	mg/l			Lead	Soil	
	1.5 m	539-170-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	539-170-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	539-170-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	539-170-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	539-170-5	5. PH					Soil	
3/21/2002	surface	539-171-0	1. TTLC	76 mg/kg	5	3/27/2002	Lead	Soil	ATL
3/21/2002	surface	539-171-0	2. STLC	16 mg/l	0.2	4/5/2002	Lead	Soil	ATL
3/21/2002	surface	539-171-0	3. STLC-DI	ND	0.2	4/15/2002	Lead	Soil	ATL
	surface	539-171-0	4. TCLP	mg/l			Lead	Soil	
	surface	539-171-0	5. PH					Soil	
3/21/2002	.3 m	539-171-1	1. TTLC	88 mg/kg	5	3/27/2002	Lead	Soil	ATL
3/21/2002	.3 m	539-171-1	2. STLC	3.7 mg/l	0.2	4/5/2002	Lead	Soil	ATL
	.3 m	539-171-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	539-171-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	539-171-1	5. PH					Soil	
3/21/2002	.6 m	539-171-2	1. TTLC	69 mg/kg	5	3/27/2002	Lead	Soil	ATL
3/21/2002	.6 m	539-171-2	2. STLC	2.8 mg/l	0.2	4/5/2002	Lead	Soil	ATL
	.6 m	539-171-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	539-171-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	539-171-2	5. PH					Soil	
	.9 m	539-171-3	1. TTLC	mg/kg			Lead	Soil	

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.9 m	539-171-3	2. STLC	mg/l			Soil	
.9 m	539-171-3	3. STLC-DI	mg/l			Soil	
.9 m	539-171-3	4. TCLP	mg/l			Soil	
.9 m	539-171-3	5. PH				Soil	
1.5 m	539-171-5	1. TTLC	mg/kg			Soil	
1.5 m	539-171-5	2. STLC	mg/l			Soil	
1.5 m	539-171-5	3. STLC-DI	mg/l			Soil	
1.5 m	539-171-5	4. TCLP	mg/l			Soil	
1.5 m	539-171-5	5. PH				Soil	
3/21/2002 surface	539-172-0	1. TTLC	250 mg/kg	5	3/27/2002	Soil	ATL
3/21/2002 surface	539-172-0	2. STLC	14 mg/l	0.2	4/5/2002	Soil	ATL
3/21/2002 surface	539-172-0	3. STLC-DI	ND	0.2	4/15/2002	Soil	ATL
surface	539-172-0	4. TCLP	mg/l			Soil	
surface	539-172-0	5. PH				Soil	
3/21/2002 .3 m	539-172-1	1. TTLC	49 mg/kg	5	3/27/2002	Soil	ATL
.3 m	539-172-1	2. STLC	mg/l			Soil	
.3 m	539-172-1	3. STLC-DI	mg/l			Soil	
.3 m	539-172-1	4. TCLP	mg/l			Soil	
.3 m	539-172-1	5. PH	mg/l			Soil	
3/21/2002 .6 m	539-172-2	1. TTLC	6.1 mg/kg	5	3/27/2002	Soil	ATL
.6 m	539-172-2	2. STLC	mg/l			Soil	
.6 m	539-172-2	3. STLC-DI	mg/l			Soil	
.6 m	539-172-2	4. TCLP	mg/l			Soil	
.6 m	539-172-2	5. PH	mg/l			Soil	
3/21/2002 .9 m	539-172-3	1. TTLC	9.1 mg/kg	5	3/27/2002	Soil	ATL
.9 m	539-172-3	2. STLC	mg/l			Soil	
.9 m	539-172-3	3. STLC-DI	mg/l			Soil	
.9 m	539-172-3	4. TCLP	mg/l			Soil	
.9 m	539-172-3	5. PH	mg/l			Soil	
1.5 m	539-172-5	1. TTLC	mg/kg			Soil	
1.5 m	539-172-5	2. STLC	mg/l			Soil	
1.5 m	539-172-5	3. STLC-DI	mg/l			Soil	
1.5 m	539-172-5	4. TCLP	mg/l			Soil	
1.5 m	539-172-5	5. PH	mg/l			Soil	
3/21/2002 surface	539-173-0	1. TTLC	1800 mg/kg	5	3/27/2002	Soil	ATL
surface	539-173-0	2. STLC	mg/l			Soil	
surface	539-173-0	3. STLC-DI	mg/l			Soil	
3/21/2002 surface	539-173-0	4. TCLP	10 mg/l	0.2	4/5/2002	Soil	ATL



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Date	Depth	Sample ID	Method	Result	Unit	Depth	Sample ID	Method	Result	Unit	Material
3/21/2002	.9 m	539-174-3	3. STLC-DI	ND		4/15/2002					Soil
	.9 m	539-174-3	4. TCLP								Soil
	.9 m	539-174-3	5. PH								Soil
	1.5 m	539-174-5	1. TTLC								Soil
	1.5 m	539-174-5	2. STLC								Soil
	1.5 m	539-174-5	3. STLC-DI								Soil
	1.5 m	539-174-5	4. TCLP								Soil
	1.5 m	539-174-5	5. PH								Soil
3/21/2002	surface	539-175-0	1. TTLC	46 mg/kg		3/27/2002					Soil
	surface	539-175-0	2. STLC	mg/l							Soil
	surface	539-175-0	3. STLC-DI	mg/l							Soil
	surface	539-175-0	4. TCLP	mg/l							Soil
	surface	539-175-0	5. PH	mg/l							Soil
3/21/2002	.3 m	539-175-1	1. TTLC	6.5 mg/kg		3/27/2002					Soil
	.3 m	539-175-1	2. STLC	mg/l							Soil
	.3 m	539-175-1	3. STLC-DI	mg/l							Soil
	.3 m	539-175-1	4. TCLP	mg/l							Soil
	.3 m	539-175-1	5. PH	mg/l							Soil
3/21/2002	.6 m	539-175-2	1. TTLC	6.5 mg/kg		3/27/2002					Soil
	.6 m	539-175-2	2. STLC	mg/l							Soil
	.6 m	539-175-2	3. STLC-DI	mg/l							Soil
	.6 m	539-175-2	4. TCLP	mg/l							Soil
	.6 m	539-175-2	5. PH	mg/l							Soil
3/21/2002	.9 m	539-175-3	1. TTLC	5.5 mg/kg		3/27/2002					Soil
	.9 m	539-175-3	2. STLC	mg/l							Soil
	.9 m	539-175-3	3. STLC-DI	mg/l							Soil
	.9 m	539-175-3	4. TCLP	mg/l							Soil
	.9 m	539-175-3	5. PH	mg/l							Soil
3/21/2002	1.5 m	539-175-5	1. TTLC	8.34		3/27/2002					Soil
	1.5 m	539-175-5	2. STLC	15 mg/kg							Soil
	1.5 m	539-175-5	3. STLC-DI	mg/l							Soil
	1.5 m	539-175-5	4. TCLP	mg/l							Soil
	1.5 m	539-175-5	5. PH	mg/l							Soil
3/21/2002	surface	539-176-0	1. TTLC	15 mg/kg		3/27/2002					Soil
	surface	539-176-0	2. STLC	mg/l							Soil
	surface	539-176-0	3. STLC-DI	mg/l							Soil
	surface	539-176-0	4. TCLP	mg/l							Soil
	surface	539-176-0	5. PH	mg/l							Soil

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Date	Depth	Sample ID	Parameter	Value	Unit	Date	Depth	Sample ID	Parameter	Value	Unit	Notes
3/21/2002	.3 m	539-176-1	1. TTLC		16 mg/kg	5	3/27/2002	Lead			Soil	ATL
	.3 m	539-176-1	2. STLC		mg/l			Lead			Soil	
	.3 m	539-176-1	3. STLC-DI		mg/l			Lead			Soil	
	.3 m	539-176-1	4. TCLP		mg/l			Lead			Soil	
	.3 m	539-176-1	5. PH								Soil	
3/21/2002	.6 m	539-176-2	1. TTLC	6.5	mg/kg	5	3/27/2002	Lead			Soil	ATL
	.6 m	539-176-2	2. STLC		mg/l			Lead			Soil	
	.6 m	539-176-2	3. STLC-DI		mg/l			Lead			Soil	
	.6 m	539-176-2	4. TCLP		mg/l			Lead			Soil	
	.6 m	539-176-2	5. PH								Soil	
3/21/2002	.9 m	539-176-3	1. TTLC	ND	mg/kg	5	3/27/2002	Lead			Soil	ATL
	.9 m	539-176-3	2. STLC		mg/l			Lead			Soil	
	.9 m	539-176-3	3. STLC-DI		mg/l			Lead			Soil	
	.9 m	539-176-3	4. TCLP		mg/l			Lead			Soil	
	.9 m	539-176-3	5. PH								Soil	
3/21/2002	1.5 m	539-176-5	1. TTLC	5	mg/kg	5	3/27/2002	Lead			Soil	ATL
	1.5 m	539-176-5	2. STLC		mg/l			Lead			Soil	
	1.5 m	539-176-5	3. STLC-DI		mg/l			Lead			Soil	
	1.5 m	539-176-5	4. TCLP		mg/l			Lead			Soil	
	1.5 m	539-176-5	5. PH								Soil	
3/21/2002	surface	539-177-0	1. TTLC	170	mg/kg	5	3/27/2002	Lead			Soil	ATL
	surface	539-177-0	2. STLC	9.9	mg/l	0.2	4/5/2002	Lead			Soil	ATL
	surface	539-177-0	3. STLC-DI	ND	mg/l	0.2	4/15/2002	Lead			Soil	ATL
	surface	539-177-0	4. TCLP		mg/l			Lead			Soil	
	surface	539-177-0	5. PH								Soil	
3/21/2002	.3 m	539-177-1	1. TTLC	22	mg/kg	5	3/27/2002	Lead			Soil	ATL
	.3 m	539-177-1	2. STLC		mg/l			Lead			Soil	
	.3 m	539-177-1	3. STLC-DI		mg/l			Lead			Soil	
	.3 m	539-177-1	4. TCLP		mg/l			Lead			Soil	
	.3 m	539-177-1	5. PH								Soil	
3/21/2002	.6 m	539-177-2	1. TTLC	8	mg/kg	5	3/27/2002	Lead			Soil	ATL
	.6 m	539-177-2	2. STLC		mg/l			Lead			Soil	
	.6 m	539-177-2	3. STLC-DI		mg/l			Lead			Soil	
	.6 m	539-177-2	4. TCLP		mg/l			Lead			Soil	
	.6 m	539-177-2	5. PH								Soil	
3/21/2002	.9 m	539-177-3	1. TTLC	18	mg/kg	5	3/27/2002	Lead			Soil	ATL
	.9 m	539-177-3	2. STLC		mg/l			Lead			Soil	
	.9 m	539-177-3	3. STLC-DI		mg/l			Lead			Soil	

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3/21/2002	.9 m	539-177-3	4. TCLP	mg/l				Soil	
3/21/2002	.9 m	539-177-3	5. PH	4.88				Soil	ATL
3/21/2002	1.5 m	539-177-5	1. TTLC	12 mg/kg			3/27/2002	Lead	ATL
3/21/2002	1.5 m	539-177-5	2. STLC	mg/l				Lead	
3/21/2002	1.5 m	539-177-5	3. STLC-DI	mg/l				Lead	
3/21/2002	1.5 m	539-177-5	4. TCLP	mg/l				Lead	
3/21/2002	1.5 m	539-177-5	5. PH					Soil	
3/21/2002	surface	539-178-0	1. TTLC	170 mg/kg			3/27/2002	Lead	ATL
3/21/2002	surface	539-178-0	2. STLC	4.7 mg/l			4/5/2002	Lead	ATL
3/21/2002	surface	539-178-0	3. STLC-DI	mg/l				Lead	
3/21/2002	surface	539-178-0	4. TCLP	mg/l				Lead	
3/21/2002	surface	539-178-0	5. PH					Soil	
3/21/2002	.3 m	539-178-1	1. TTLC	12 mg/kg			3/27/2002	Lead	ATL
3/21/2002	.3 m	539-178-1	2. STLC	mg/l				Lead	
3/21/2002	.3 m	539-178-1	3. STLC-DI	mg/l				Lead	
3/21/2002	.3 m	539-178-1	4. TCLP	mg/l				Lead	
3/21/2002	.3 m	539-178-1	5. PH					Soil	
3/21/2002	.6 m	539-178-2	1. TTLC	7.8 mg/kg			3/27/2002	Lead	ATL
3/21/2002	.6 m	539-178-2	2. STLC	mg/l				Lead	
3/21/2002	.6 m	539-178-2	3. STLC-DI	mg/l				Lead	
3/21/2002	.6 m	539-178-2	4. TCLP	mg/l				Lead	
3/21/2002	.6 m	539-178-2	5. PH					Soil	
3/21/2002	.9 m	539-178-3	1. TTLC	8.4 mg/kg			3/27/2002	Lead	ATL
3/21/2002	.9 m	539-178-3	2. STLC	mg/l				Lead	
3/21/2002	.9 m	539-178-3	3. STLC-DI	mg/l				Lead	
3/21/2002	.9 m	539-178-3	4. TCLP	mg/l				Lead	
3/21/2002	.9 m	539-178-3	5. PH					Soil	
3/21/2002	1.5 m	539-178-5	1. TTLC	6.4 mg/kg			3/27/2002	Lead	ATL
3/21/2002	1.5 m	539-178-5	2. STLC	mg/l				Lead	
3/21/2002	1.5 m	539-178-5	3. STLC-DI	mg/l				Lead	
3/21/2002	1.5 m	539-178-5	4. TCLP	mg/l				Lead	
3/21/2002	1.5 m	539-178-5	5. PH					Soil	
3/21/2002	surface	539-179-0	1. TTLC	79 mg/kg			3/27/2002	Lead	ATL
3/21/2002	surface	539-179-0	2. STLC	3.8 mg/l			4/5/2002	Lead	ATL
3/21/2002	surface	539-179-0	3. STLC-DI	mg/l				Lead	
3/21/2002	surface	539-179-0	4. TCLP	mg/l				Lead	
3/21/2002	surface	539-179-0	5. PH					Soil	
3/21/2002	.3 m	539-179-1	1. TTLC	9.4 mg/kg			3/27/2002	Lead	ATL

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Depth	Sample ID	Parameter	Value	Unit	Date	Method	Matrix
.3 m	539-179-1	2. STLC		mg/l			Soil
.3 m	539-179-1	3. STLC-DI		mg/l			Soil
.3 m	539-179-1	4. TCLP		mg/l			Soil
.3 m	539-179-1	5. PH					Soil
3/21/2002	539-179-2	1. TTLC	11	mg/kg	3/27/2002		Soil
.6 m	539-179-2	2. STLC		mg/l			Soil
.6 m	539-179-2	3. STLC-DI		mg/l			Soil
.6 m	539-179-2	4. TCLP		mg/l			Soil
.6 m	539-179-2	5. PH					Soil
3/21/2002	539-179-3	1. TTLC	9	mg/kg	3/27/2002		Soil
.9 m	539-179-3	2. STLC		mg/l			Soil
.9 m	539-179-3	3. STLC-DI		mg/l			Soil
.9 m	539-179-3	4. TCLP		mg/l			Soil
3/21/2002	539-179-3	5. PH	6.71		3/27/2002		Soil
3/21/2002	539-179-5	1. TTLC	8.6	mg/kg	3/27/2002		Soil
1.5 m	539-179-5	2. STLC		mg/l			Soil
1.5 m	539-179-5	3. STLC-DI		mg/l			Soil
1.5 m	539-179-5	4. TCLP		mg/l			Soil
1.5 m	539-179-5	5. PH					Soil
3/21/2002	539-180-0	1. TTLC	350	mg/kg	3/27/2002		Soil
surface	539-180-0	2. STLC	21	mg/l	4/5/2002		Soil
3/21/2002	539-180-0	3. STLC-DI	ND	mg/l	4/15/2002		Soil
surface	539-180-0	4. TCLP		mg/l			Soil
surface	539-180-0	5. PH					Soil
3/21/2002	539-180-1	1. TTLC	130	mg/kg	3/27/2002		Soil
.3 m	539-180-1	2. STLC	9.6	mg/l	4/5/2002		Soil
3/21/2002	539-180-1	3. STLC-DI	ND	mg/l	4/15/2002		Soil
.3 m	539-180-1	4. TCLP		mg/l			Soil
.3 m	539-180-1	5. PH					Soil
3/21/2002	539-180-2	1. TTLC	31	mg/kg	3/27/2002		Soil
.6 m	539-180-2	2. STLC		mg/l			Soil
.6 m	539-180-2	3. STLC-DI		mg/l			Soil
.6 m	539-180-2	4. TCLP		mg/l			Soil
.6 m	539-180-2	5. PH					Soil
3/21/2002	539-180-3	1. TTLC	9.3	mg/kg	3/27/2002		Soil
.9 m	539-180-3	2. STLC		mg/l			Soil
.9 m	539-180-3	3. STLC-DI		mg/l			Soil
.9 m	539-180-3	4. TCLP		mg/l			Soil



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Depth	Sample ID	Method	Concentration	Date	Matrix
.3 m	539-182-1	3. STLC-DI	mg/l		Soil
.3 m	539-182-1	4. TCLP	mg/l		Soil
.3 m	539-182-1	5. PH			Soil
3/21/2002 .6 m	539-182-2	1. TTLC	8.8 mg/kg	3/27/2002	Soil
.6 m	539-182-2	2. STLC	mg/l		Soil
.6 m	539-182-2	3. STLC-DI	mg/l		Soil
.6 m	539-182-2	4. TCLP	mg/l		Soil
.6 m	539-182-2	5. PH	mg/l		Soil
3/21/2002 .9 m	539-182-3	1. TTLC	8.4 mg/kg	3/27/2002	Soil
.9 m	539-182-3	2. STLC	mg/l		Soil
.9 m	539-182-3	3. STLC-DI	mg/l		Soil
.9 m	539-182-3	4. TCLP	mg/l		Soil
.9 m	539-182-3	5. PH	mg/l		Soil
1.5 m	539-182-5	1. TTLC	mg/kg		Soil
1.5 m	539-182-5	2. STLC	mg/l		Soil
1.5 m	539-182-5	3. STLC-DI	mg/l		Soil
1.5 m	539-182-5	4. TCLP	mg/l		Soil
1.5 m	539-182-5	5. PH	mg/l		Soil
3/21/2002 surface	539-183-0	1. TTLC	110 mg/kg	3/27/2002	Soil
3/21/2002 surface	539-183-0	2. STLC	5.2 mg/l	4/5/2002	Soil
3/21/2002 surface	539-183-0	3. STLC-DI	mg/l	4/15/2002	Soil
surface	539-183-0	4. TCLP	mg/l		Soil
surface	539-183-0	5. PH	mg/l		Soil
3/21/2002 .3 m	539-183-1	1. TTLC	26 mg/kg	3/27/2002	Soil
.3 m	539-183-1	2. STLC	mg/l		Soil
.3 m	539-183-1	3. STLC-DI	mg/l		Soil
.3 m	539-183-1	4. TCLP	mg/l		Soil
.3 m	539-183-1	5. PH	mg/l		Soil
3/21/2002 .6 m	539-183-2	1. TTLC	5.6 mg/kg	3/27/2002	Soil
.6 m	539-183-2	2. STLC	mg/l		Soil
.6 m	539-183-2	3. STLC-DI	mg/l		Soil
.6 m	539-183-2	4. TCLP	mg/l		Soil
.6 m	539-183-2	5. PH	mg/l		Soil
3/21/2002 .9 m	539-183-3	1. TTLC	5.5 mg/kg	3/27/2002	Soil
.9 m	539-183-3	2. STLC	mg/l		Soil
.9 m	539-183-3	3. STLC-DI	mg/l		Soil
.9 m	539-183-3	4. TCLP	mg/l		Soil
.9 m	539-183-3	5. PH	mg/l		Soil

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3/21/2002	1.5 m	539-183-5	1. TTLC	ND	mg/kg	5	3/27/2002	Lead	Soil	ATL
	1.5 m	539-183-5	2. STLC		mg/l			Lead	Soil	
	1.5 m	539-183-5	3. STLC-DI		mg/l			Lead	Soil	
	1.5 m	539-183-5	4. TCLP		mg/l			Lead	Soil	
	1.5 m	539-183-5	5. PH		mg/l			Lead	Soil	
3/21/2002	surface	539-184-0	1. TTLC		47 mg/kg	5	3/27/2002	Lead	Soil	ATL
	surface	539-184-0	2. STLC		mg/l			Lead	Soil	
	surface	539-184-0	3. STLC-DI		mg/l			Lead	Soil	
	surface	539-184-0	4. TCLP		mg/l			Lead	Soil	
3/21/2002	surface	539-184-0	5. PH		5.16	0.1	3/27/2002	Lead	Soil	ATL
3/21/2002	.3 m	539-184-1	1. TTLC	ND	mg/kg	5	3/27/2002	Lead	Soil	ATL
	.3 m	539-184-1	2. STLC		mg/l			Lead	Soil	
	.3 m	539-184-1	3. STLC-DI		mg/l			Lead	Soil	
	.3 m	539-184-1	4. TCLP		mg/l			Lead	Soil	
	.3 m	539-184-1	5. PH		mg/l			Lead	Soil	
3/21/2002	.6 m	539-184-2	1. TTLC	ND	mg/kg	5	3/27/2002	Lead	Soil	ATL
	.6 m	539-184-2	2. STLC		mg/l			Lead	Soil	
	.6 m	539-184-2	3. STLC-DI		mg/l			Lead	Soil	
	.6 m	539-184-2	4. TCLP		mg/l			Lead	Soil	
	.6 m	539-184-2	5. PH		mg/l			Lead	Soil	
3/21/2002	.9 m	539-184-3	1. TTLC		5.7 mg/kg	5	3/27/2002	Lead	Soil	ATL
	.9 m	539-184-3	2. STLC		mg/l			Lead	Soil	
	.9 m	539-184-3	3. STLC-DI		mg/l			Lead	Soil	
	.9 m	539-184-3	4. TCLP		mg/l			Lead	Soil	
	.9 m	539-184-3	5. PH		mg/l			Lead	Soil	
3/21/2002	1.5 m	539-184-5	1. TTLC		5.2 mg/kg	5	3/27/2002	Lead	Soil	ATL
	1.5 m	539-184-5	2. STLC		mg/l			Lead	Soil	
	1.5 m	539-184-5	3. STLC-DI		mg/l			Lead	Soil	
	1.5 m	539-184-5	4. TCLP		mg/l			Lead	Soil	
	1.5 m	539-184-5	5. PH		mg/l			Lead	Soil	
3/21/2002	surface	539-185-0	1. TTLC		110 mg/kg	5	3/27/2002	Lead	Soil	ATL
	surface	539-185-0	2. STLC		8 mg/l	0.2	4/5/2002	Lead	Soil	ATL
	surface	539-185-0	3. STLC-DI	ND	mg/l	0.2	4/15/2002	Lead	Soil	ATL
	surface	539-185-0	4. TCLP		mg/l			Lead	Soil	
	surface	539-185-0	5. PH		mg/l			Lead	Soil	
3/21/2002	.3 m	539-185-1	1. TTLC		13 mg/kg	5	3/27/2002	Lead	Soil	ATL
	.3 m	539-185-1	2. STLC		mg/l			Lead	Soil	
	.3 m	539-185-1	3. STLC-DI		mg/l			Lead	Soil	

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Depth	Date	Sample ID	Method	Concentration	Unit	Soil Type	Remarks
.3 m		539-185-1	4. TCLP		mg/l	Soil	
.3 m		539-185-1	5. PH			Soil	
3/21/2002	.6 m	539-185-2	1. TTLC	ND	mg/kg	Soil	ATL
.6 m		539-185-2	2. STLC		mg/l	Soil	
.6 m		539-185-2	3. STLC-DI		mg/l	Soil	
.6 m		539-185-2	4. TCLP		mg/l	Soil	
.6 m		539-185-2	5. PH		mg/l	Soil	
3/21/2002	.9 m	539-185-3	1. TTLC	5.5	mg/kg	Soil	ATL
.9 m		539-185-3	2. STLC		mg/l	Soil	
.9 m		539-185-3	3. STLC-DI		mg/l	Soil	
.9 m		539-185-3	4. TCLP		mg/l	Soil	
.9 m		539-185-3	5. PH		mg/l	Soil	
3/21/2002	1.5 m	539-185-5	1. TTLC	5.7	mg/kg	Soil	ATL
1.5 m		539-185-5	2. STLC		mg/l	Soil	
1.5 m		539-185-5	3. STLC-DI		mg/l	Soil	
1.5 m		539-185-5	4. TCLP		mg/l	Soil	
1.5 m		539-185-5	5. PH		mg/l	Soil	
3/21/2002	surface	539-186-0	1. TTLC	48	mg/kg	Soil	ATL
surface		539-186-0	2. STLC		mg/l	Soil	
surface		539-186-0	3. STLC-DI		mg/l	Soil	
surface		539-186-0	4. TCLP		mg/l	Soil	
3/21/2002	surface	539-186-0	5. PH	6.06		Soil	ATL
3/21/2002	.3 m	539-186-1	1. TTLC	ND	mg/kg	Soil	ATL
.3 m		539-186-1	2. STLC		mg/l	Soil	
.3 m		539-186-1	3. STLC-DI		mg/l	Soil	
.3 m		539-186-1	4. TCLP		mg/l	Soil	
.3 m		539-186-1	5. PH		mg/l	Soil	
3/21/2002	.6 m	539-186-2	1. TTLC	ND	mg/kg	Soil	ATL
.6 m		539-186-2	2. STLC		mg/l	Soil	
.6 m		539-186-2	3. STLC-DI		mg/l	Soil	
.6 m		539-186-2	4. TCLP		mg/l	Soil	
.6 m		539-186-2	5. PH		mg/l	Soil	
3/21/2002	.9 m	539-186-3	1. TTLC	6.1	mg/kg	Soil	ATL
.9 m		539-186-3	2. STLC		mg/l	Soil	
.9 m		539-186-3	3. STLC-DI		mg/l	Soil	
.9 m		539-186-3	4. TCLP		mg/l	Soil	
.9 m		539-186-3	5. PH		mg/l	Soil	
1.5 m		539-186-5	1. TTLC		mg/kg	Soil	

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1.5 m	539-186-5	2. STLC	mg/l		Soil	
1.5 m	539-186-5	3. STLC-DI	mg/l		Soil	
1.5 m	539-186-5	4. TCLP	mg/l		Soil	
1.5 m	539-186-5	5. PH			Soil	
3/21/2002 surface	539-187-0	1. TTLC	160 mg/kg	5	Soil	ATL
3/21/2002 surface	539-187-0	2. STLC	7.6 mg/l	0.2	Soil	ATL
3/21/2002 surface	539-187-0	3. STLC-DI	mg/l	0.2	Soil	ATL
surface	539-187-0	4. TCLP	mg/l		Soil	
surface	539-187-0	5. PH			Soil	
3/21/2002 .3 m	539-187-1	1. TTLC	20 mg/kg	5	Soil	ATL
.3 m	539-187-1	2. STLC	mg/l		Soil	
.3 m	539-187-1	3. STLC-DI	mg/l		Soil	
.3 m	539-187-1	4. TCLP	mg/l		Soil	
.3 m	539-187-1	5. PH			Soil	
3/21/2002 .6 m	539-187-2	1. TTLC	6.1 mg/kg	5	Soil	ATL
.6 m	539-187-2	2. STLC	mg/l		Soil	
.6 m	539-187-2	3. STLC-DI	mg/l		Soil	
.6 m	539-187-2	4. TCLP	mg/l		Soil	
.6 m	539-187-2	5. PH			Soil	
3/21/2002 .9 m	539-187-3	1. TTLC	24 mg/kg	5	Soil	ATL
.9 m	539-187-3	2. STLC	mg/l		Soil	
.9 m	539-187-3	3. STLC-DI	mg/l		Soil	
.9 m	539-187-3	4. TCLP	mg/l		Soil	
.9 m	539-187-3	5. PH			Soil	
3/21/2002 1.5 m	539-187-5	1. TTLC	mg/kg	5	Soil	ATL
1.5 m	539-187-5	2. STLC	mg/l		Soil	
1.5 m	539-187-5	3. STLC-DI	mg/l		Soil	
1.5 m	539-187-5	4. TCLP	mg/l		Soil	
1.5 m	539-187-5	5. PH			Soil	
3/21/2002 surface	539-188-0	1. TTLC	360 mg/kg	5	Soil	ATL
3/21/2002 surface	539-188-0	2. STLC	17 mg/l	0.2	Soil	ATL
3/21/2002 surface	539-188-0	3. STLC-DI	mg/l	0.2	Soil	ATL
surface	539-188-0	4. TCLP	mg/l		Soil	
surface	539-188-0	5. PH			Soil	
3/21/2002 .3 m	539-188-1	1. TTLC	34 mg/kg	5	Soil	ATL
.3 m	539-188-1	2. STLC	mg/l		Soil	
.3 m	539-188-1	3. STLC-DI	mg/l		Soil	
.3 m	539-188-1	4. TCLP	mg/l		Soil	

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Sample ID	Depth	Method	Concentration	Units	Date	Soil Type	ATL
539-188-1	3/21/2002 .3 m	5. PH	8.06			Soil	ATL
539-188-2	3/21/2002 .6 m	1. TTLC	21 mg/kg		3/27/2002	Soil	ATL
539-188-2	.6 m	2. STLC	mg/l		3/27/2002	Soil	
539-188-2	.6 m	3. STLC-DI	mg/l			Soil	
539-188-2	.6 m	4. TCLP	mg/l			Soil	
539-188-2	.6 m	5. PH	mg/l			Soil	
539-188-3	3/21/2002 .9 m	1. TTLC	25 mg/kg		3/27/2002	Soil	ATL
539-188-3	.9 m	2. STLC	mg/l			Soil	
539-188-3	.9 m	3. STLC-DI	mg/l			Soil	
539-188-3	.9 m	4. TCLP	mg/l			Soil	
539-188-3	.9 m	5. PH	mg/l			Soil	
539-188-5	3/21/2002 1.5 m	1. TTLC	12 mg/kg		3/27/2002	Soil	ATL
539-188-5	1.5 m	2. STLC	mg/l			Soil	
539-188-5	1.5 m	3. STLC-DI	mg/l			Soil	
539-188-5	1.5 m	4. TCLP	mg/l			Soil	
539-188-5	1.5 m	5. PH	mg/l			Soil	
539-189-0	3/21/2002 surface	1. TTLC	310 mg/kg		3/27/2002	Soil	ATL
539-189-0	3/21/2002 surface	2. STLC	23 mg/l		4/5/2002	Soil	ATL
539-189-0	3/21/2002 surface	3. STLC-DI	ND		4/15/2002	Soil	ATL
539-189-0	surface	4. TCLP	mg/l			Soil	
539-189-0	surface	5. PH	mg/l			Soil	
539-189-1	3/21/2002 .3 m	1. TTLC	6.7 mg/kg		3/27/2002	Soil	ATL
539-189-1	.3 m	2. STLC	mg/l			Soil	
539-189-1	.3 m	3. STLC-DI	mg/l			Soil	
539-189-1	.3 m	4. TCLP	mg/l			Soil	
539-189-1	.3 m	5. PH	mg/l			Soil	
539-189-2	3/21/2002 .6 m	1. TTLC	7.8 mg/kg		3/27/2002	Soil	ATL
539-189-2	.6 m	2. STLC	mg/l			Soil	
539-189-2	.6 m	3. STLC-DI	mg/l			Soil	
539-189-2	.6 m	4. TCLP	mg/l			Soil	
539-189-2	.6 m	5. PH	mg/l			Soil	
539-189-3	3/21/2002 .9 m	1. TTLC	30 mg/kg		3/27/2002	Soil	ATL
539-189-3	.9 m	2. STLC	mg/l			Soil	
539-189-3	.9 m	3. STLC-DI	mg/l			Soil	
539-189-3	.9 m	4. TCLP	mg/l			Soil	
539-189-3	.9 m	5. PH	mg/l			Soil	
539-189-5	1.5 m	1. TTLC	mg/kg			Soil	
539-189-5	1.5 m	2. STLC	mg/l			Soil	

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1.5 m	539-189-5	3. STLC-DI	mg/l		Soil	
1.5 m	539-189-5	4. TCLP	mg/l		Soil	
1.5 m	539-189-5	5. PH			Soil	
3/21/2002 surface	539-190-0	1. TTLC	190 mg/kg	5	Soil	ATL
3/21/2002 surface	539-190-0	2. STLC	12 mg/l	0.2	Soil	ATL
3/21/2002 surface	539-190-0	3. STLC-DI	mg/l	0.2	Soil	ATL
surface	539-190-0	4. TCLP	mg/l		Soil	
surface	539-190-0	5. PH			Soil	
3/21/2002 .3 m	539-190-1	1. TTLC	18 mg/kg	5	Soil	ATL
.3 m	539-190-1	2. STLC	mg/l		Soil	
.3 m	539-190-1	3. STLC-DI	mg/l		Soil	
.3 m	539-190-1	4. TCLP	mg/l		Soil	
.3 m	539-190-1	5. PH			Soil	
3/21/2002 .6 m	539-190-2	1. TTLC	mg/kg	5	Soil	ATL
.6 m	539-190-2	2. STLC	mg/l		Soil	
.6 m	539-190-2	3. STLC-DI	mg/l		Soil	
.6 m	539-190-2	4. TCLP	mg/l		Soil	
3/21/2002 .6 m	539-190-2	5. PH	7.7	0.1	Soil	ATL
3/21/2002 .9 m	539-190-3	1. TTLC	5.9 mg/kg	5	Soil	ATL
.9 m	539-190-3	2. STLC	mg/l		Soil	
.9 m	539-190-3	3. STLC-DI	mg/l		Soil	
.9 m	539-190-3	4. TCLP	mg/l		Soil	
.9 m	539-190-3	5. PH			Soil	
1.5 m	539-190-5	1. TTLC	mg/kg		Soil	
1.5 m	539-190-5	2. STLC	mg/l		Soil	
1.5 m	539-190-5	3. STLC-DI	mg/l		Soil	
1.5 m	539-190-5	4. TCLP	mg/l		Soil	
1.5 m	539-190-5	5. PH			Soil	
3/21/2002 surface	539-191-0	1. TTLC	320 mg/kg	5	Soil	ATL
3/21/2002 surface	539-191-0	2. STLC	10 mg/l	0.2	Soil	ATL
3/21/2002 surface	539-191-0	3. STLC-DI	mg/l	0.2	Soil	ATL
surface	539-191-0	4. TCLP	mg/l		Soil	
surface	539-191-0	5. PH			Soil	
3/21/2002 .3 m	539-191-1	1. TTLC	mg/kg	5	Soil	ATL
.3 m	539-191-1	2. STLC	mg/l		Soil	
.3 m	539-191-1	3. STLC-DI	mg/l		Soil	
.3 m	539-191-1	4. TCLP	mg/l		Soil	
.3 m	539-191-1	5. PH			Soil	

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3/21/2002	.6 m	539-191-2	1. TTLC	5.4 mg/kg	5	3/27/2002	Lead	Soil	ATL
	.6 m	539-191-2	2. STLC	mg/l			Lead	Soil	
	.6 m	539-191-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	539-191-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	539-191-2	5. PH					Soil	
3/21/2002	.9 m	539-191-3	1. TTLC	45 mg/kg	5	3/27/2002	Lead	Soil	ATL
	.9 m	539-191-3	2. STLC	mg/l			Lead	Soil	
	.9 m	539-191-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	539-191-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	539-191-3	5. PH					Soil	
	1.5 m	539-191-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	539-191-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	539-191-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	539-191-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	539-191-5	5. PH					Soil	
3/21/2002	surface	539-192-0	1. TTLC	2700 mg/kg	5	3/28/2002	Lead	Soil	ATL
	surface	539-192-0	2. STLC	mg/l			Lead	Soil	
	surface	539-192-0	3. STLC-DI	mg/l			Lead	Soil	
3/21/2002	surface	539-192-0	4. TCLP	8.4 mg/l	0.2	4/5/2002	Lead	Soil	ATL
	surface	539-192-0	5. PH					Soil	
3/21/2002	.3 m	539-192-1	1. TTLC	7.1 mg/kg	5	3/28/2002	Lead	Soil	ATL
	.3 m	539-192-1	2. STLC	mg/l			Lead	Soil	
	.3 m	539-192-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	539-192-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	539-192-1	5. PH					Soil	
3/21/2002	.6 m	539-192-2	1. TTLC	980 mg/kg	5	3/28/2002	Lead	Soil	ATL
3/21/2002	.6 m	539-192-2	2. STLC	120 mg/l	0.2	4/5/2002	Lead	Soil	ATL
3/21/2002	.6 m	539-192-2	3. STLC-DI	5.1 mg/l	0.2	4/11/2002	Lead	Soil	ATL
	.6 m	539-192-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	539-192-2	5. PH					Soil	
3/21/2002	.9 m	539-192-3	1. TTLC	1800 mg/kg	5	3/28/2002	Lead	Soil	ATL
	.9 m	539-192-3	2. STLC	mg/l			Lead	Soil	
	.9 m	539-192-3	3. STLC-DI	mg/l			Lead	Soil	
3/21/2002	.9 m	539-192-3	4. TCLP	6.1 mg/l	0.2	4/5/2002	Lead	Soil	ATL
	.9 m	539-192-3	5. PH					Soil	
	1.5 m	539-192-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	539-192-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	539-192-5	3. STLC-DI	mg/l			Lead	Soil	

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1.5 m	539-192-5	4. TCLP	mg/l		Lead	Soil	
1.5 m	539-192-5	5. PH				Soil	
3/21/2002 surface	539-193-0	1. TTLC	530 mg/kg	5	3/28/2002 Lead	Soil	ATL
3/21/2002 surface	539-193-0	2. STLC	66 mg/l	0.2	4/5/2002 Lead	Soil	ATL
3/21/2002 surface	539-193-0	3. STLC-DI	ND	0.2	4/11/2002 Lead	Soil	ATL
surface	539-193-0	4. TCLP	mg/l		Lead	Soil	
3/21/2002 surface	539-193-0	5. PH	6.56	0.1		Soil	
3/21/2002 .3 m	539-193-1	1. TTLC	710 mg/kg	5	3/28/2002 Lead	Soil	ATL
3/21/2002 .3 m	539-193-1	2. STLC	36 mg/l	0.2	4/5/2002 Lead	Soil	ATL
3/21/2002 .3 m	539-193-1	3. STLC-DI	ND	0.2	4/11/2002 Lead	Soil	ATL
.3 m	539-193-1	4. TCLP	mg/l		Lead	Soil	
.3 m	539-193-1	5. PH				Soil	
3/21/2002 .6 m	539-193-2	1. TTLC	660 mg/kg	5	3/28/2002 Lead	Soil	ATL
3/21/2002 .6 m	539-193-2	2. STLC	40 mg/l	0.2	4/5/2002 Lead	Soil	ATL
3/21/2002 .6 m	539-193-2	3. STLC-DI	ND	0.2	4/11/2002 Lead	Soil	ATL
.6 m	539-193-2	4. TCLP	mg/l		Lead	Soil	
.6 m	539-193-2	5. PH				Soil	
3/21/2002 .9 m	539-193-3	1. TTLC	38 mg/kg	5	3/28/2002 Lead	Soil	ATL
.9 m	539-193-3	2. STLC	mg/l		Lead	Soil	
.9 m	539-193-3	3. STLC-DI	mg/l		Lead	Soil	
.9 m	539-193-3	4. TCLP	mg/l		Lead	Soil	
.9 m	539-193-3	5. PH			Lead	Soil	
1.5 m	539-193-5	1. TTLC	mg/kg		Lead	Soil	
1.5 m	539-193-5	2. STLC	mg/l		Lead	Soil	
1.5 m	539-193-5	3. STLC-DI	mg/l		Lead	Soil	
1.5 m	539-193-5	4. TCLP	mg/l		Lead	Soil	
1.5 m	539-193-5	5. PH				Soil	
3/21/2002 surface	539-194-0	1. TTLC	380 mg/kg	5	3/28/2002 Lead	Soil	ATL
3/21/2002 surface	539-194-0	2. STLC	26 mg/l	0.2	4/5/2002 Lead	Soil	ATL
3/21/2002 surface	539-194-0	3. STLC-DI	ND	0.2	4/11/2002 Lead	Soil	ATL
surface	539-194-0	4. TCLP	mg/l		Lead	Soil	
surface	539-194-0	5. PH				Soil	
3/21/2002 .3 m	539-194-1	1. TTLC	120 mg/kg	5	3/28/2002 Lead	Soil	ATL
3/21/2002 .3 m	539-194-1	2. STLC	11 mg/l	0.2	4/5/2002 Lead	Soil	ATL
3/21/2002 .3 m	539-194-1	3. STLC-DI	ND	0.2	4/11/2002 Lead	Soil	ATL
.3 m	539-194-1	4. TCLP	mg/l		Lead	Soil	
.3 m	539-194-1	5. PH				Soil	
3/21/2002 .6 m	539-194-2	1. TTLC	53 mg/kg	5	3/28/2002 Lead	Soil	ATL

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Date	Depth	Sample ID	Method	Concentration	Unit	Soil	Date	Method	Concentration	Unit	Soil
3/21/2002	.6 m	539-194-2	2. STLC	0.67	mg/l	Soil	4/5/2002	Lead	0.2	mg/l	Soil
	.6 m	539-194-2	3. STLC-DI		mg/l	Soil		Lead		mg/l	Soil
	.6 m	539-194-2	4. TCLP		mg/l	Soil		Lead		mg/l	Soil
	.6 m	539-194-2	5. PH		mg/l	Soil		Lead		mg/l	Soil
	.9 m	539-194-3	1. TTLC		mg/kg	Soil		Lead		mg/kg	Soil
	.9 m	539-194-3	2. STLC		mg/l	Soil		Lead		mg/l	Soil
	.9 m	539-194-3	3. STLC-DI		mg/l	Soil		Lead		mg/l	Soil
	.9 m	539-194-3	4. TCLP		mg/l	Soil		Lead		mg/l	Soil
	.9 m	539-194-3	5. PH		mg/l	Soil		Lead		mg/l	Soil
	1.5 m	539-194-5	1. TTLC		mg/kg	Soil		Lead		mg/kg	Soil
	1.5 m	539-194-5	2. STLC		mg/l	Soil		Lead		mg/l	Soil
	1.5 m	539-194-5	3. STLC-DI		mg/l	Soil		Lead		mg/l	Soil
	1.5 m	539-194-5	4. TCLP		mg/l	Soil		Lead		mg/l	Soil
	1.5 m	539-194-5	5. PH		mg/l	Soil		Lead		mg/l	Soil
3/21/2002	surface	539-195-0	1. TTLC	1400	mg/kg	Soil	3/28/2002	Lead	5	mg/kg	Soil
	surface	539-195-0	2. STLC		mg/l	Soil		Lead		mg/l	Soil
	surface	539-195-0	3. STLC-DI		mg/l	Soil		Lead		mg/l	Soil
	surface	539-195-0	4. TCLP	4.8	mg/l	Soil	4/5/2002	Lead	0.2	mg/l	Soil
	surface	539-195-0	5. PH		mg/l	Soil		Lead		mg/l	Soil
3/21/2002	.3 m	539-195-1	1. TTLC	190	mg/kg	Soil	3/28/2002	Lead	5	mg/kg	Soil
3/21/2002	.3 m	539-195-1	2. STLC	14	mg/l	Soil	4/5/2002	Lead	0.2	mg/l	Soil
3/21/2002	.3 m	539-195-1	3. STLC-DI	ND	mg/l	Soil	4/11/2002	Lead	0.2	mg/l	Soil
	.3 m	539-195-1	4. TCLP		mg/l	Soil		Lead		mg/l	Soil
	.3 m	539-195-1	5. PH		mg/l	Soil		Lead		mg/l	Soil
3/21/2002	.6 m	539-195-2	1. TTLC	12	mg/kg	Soil	3/28/2002	Lead	5	mg/kg	Soil
	.6 m	539-195-2	2. STLC		mg/l	Soil		Lead		mg/l	Soil
	.6 m	539-195-2	3. STLC-DI		mg/l	Soil		Lead		mg/l	Soil
	.6 m	539-195-2	4. TCLP		mg/l	Soil		Lead		mg/l	Soil
	.6 m	539-195-2	5. PH		mg/l	Soil		Lead		mg/l	Soil
3/21/2002	.9 m	539-195-3	1. TTLC	65	mg/kg	Soil	3/28/2002	Lead	5	mg/kg	Soil
3/21/2002	.9 m	539-195-3	2. STLC	5.3	mg/l	Soil	4/5/2002	Lead	0.2	mg/l	Soil
3/21/2002	.9 m	539-195-3	3. STLC-DI	ND	mg/l	Soil	4/11/2002	Lead	0.2	mg/l	Soil
	.9 m	539-195-3	4. TCLP		mg/l	Soil		Lead		mg/l	Soil
	.9 m	539-195-3	5. PH	7.87	mg/l	Soil	3/28/2002	Lead	0.1	mg/l	Soil
3/21/2002	1.5 m	539-195-5	1. TTLC		mg/kg	Soil		Lead		mg/kg	Soil
	1.5 m	539-195-5	2. STLC		mg/l	Soil		Lead		mg/l	Soil
	1.5 m	539-195-5	3. STLC-DI		mg/l	Soil		Lead		mg/l	Soil
	1.5 m	539-195-5	4. TCLP		mg/l	Soil		Lead		mg/l	Soil



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Depth	Date	Sample ID	Method	Concentration	Unit	Soil Type
.6 m		539-197-2	3. STLC-DI		mg/l	Soil
.6 m		539-197-2	4. TCLP		mg/l	Soil
.6 m		539-197-2	5. PH			Soil
3/21/2002		539-197-3	1. TTLC	26	mg/kg	Soil
.9 m		539-197-3	2. STLC		mg/l	Soil
.9 m		539-197-3	3. STLC-DI		mg/l	Soil
.9 m		539-197-3	4. TCLP		mg/l	Soil
.9 m		539-197-3	5. PH		mg/l	Soil
1.5 m		539-197-5	1. TTLC		mg/kg	Soil
1.5 m		539-197-5	2. STLC		mg/l	Soil
1.5 m		539-197-5	3. STLC-DI		mg/l	Soil
1.5 m		539-197-5	4. TCLP		mg/l	Soil
1.5 m		539-197-5	5. PH		mg/l	Soil
3/21/2002		539-198-0	1. TTLC	410	mg/kg	Soil
3/21/2002		539-198-0	2. STLC	29	mg/l	Soil
3/21/2002		539-198-0	3. STLC-DI	ND		Soil
surface		539-198-0	4. TCLP		mg/l	Soil
surface		539-198-0	5. PH		mg/l	Soil
3/21/2002		539-198-1	1. TTLC	41	mg/kg	Soil
.3 m		539-198-1	2. STLC		mg/l	Soil
.3 m		539-198-1	3. STLC-DI		mg/l	Soil
.3 m		539-198-1	4. TCLP		mg/l	Soil
.3 m		539-198-1	5. PH		mg/l	Soil
.6 m		539-198-2	1. TTLC		mg/kg	Soil
.6 m		539-198-2	2. STLC		mg/l	Soil
.6 m		539-198-2	3. STLC-DI		mg/l	Soil
.6 m		539-198-2	4. TCLP		mg/l	Soil
.6 m		539-198-2	5. PH		mg/l	Soil
.9 m		539-198-3	1. TTLC		mg/kg	Soil
.9 m		539-198-3	2. STLC		mg/l	Soil
.9 m		539-198-3	3. STLC-DI		mg/l	Soil
.9 m		539-198-3	4. TCLP		mg/l	Soil
.9 m		539-198-3	5. PH		mg/l	Soil
1.5 m		539-198-5	1. TTLC		mg/kg	Soil
1.5 m		539-198-5	2. STLC		mg/l	Soil
1.5 m		539-198-5	3. STLC-DI		mg/l	Soil
1.5 m		539-198-5	4. TCLP		mg/l	Soil
1.5 m		539-198-5	5. PH		mg/l	Soil

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3/21/2002 surface	539-199-0	1. TTLC	160 mg/kg	5	3/28/2002	Lead	Soil	ATL
3/21/2002 surface	539-199-0	2. STLC	9.2 mg/l	0.2	4/5/2002	Lead	Soil	ATL
3/21/2002 surface	539-199-0	3. STLC-DI	ND	0.2	4/11/2002	Lead	Soil	ATL
3/21/2002 surface	539-199-0	4. TCLP	mg/l			Lead	Soil	
3/21/2002 surface	539-199-0	5. PH	7.93	0.1	3/28/2002		Soil	ATL
3/21/2002 .3 m	539-199-1	1. TTLC	11 mg/kg	5	3/28/2002	Lead	Soil	ATL
.3 m	539-199-1	2. STLC	mg/l			Lead	Soil	
.3 m	539-199-1	3. STLC-DI	mg/l			Lead	Soil	
.3 m	539-199-1	4. TCLP	mg/l			Lead	Soil	
.3 m	539-199-1	5. PH	mg/l				Soil	
3/21/2002 .6 m	539-199-2	1. TTLC	9.2 mg/kg	5	3/28/2002	Lead	Soil	ATL
.6 m	539-199-2	2. STLC	mg/l			Lead	Soil	
.6 m	539-199-2	3. STLC-DI	mg/l			Lead	Soil	
.6 m	539-199-2	4. TCLP	mg/l			Lead	Soil	
.6 m	539-199-2	5. PH	mg/l				Soil	
3/21/2002 .9 m	539-199-3	1. TTLC	250 mg/kg	5	3/28/2002	Lead	Soil	ATL
.9 m	539-199-3	2. STLC	14 mg/l	0.2	4/5/2002	Lead	Soil	ATL
3/21/2002 .9 m	539-199-3	3. STLC-DI	ND	0.2	4/11/2002	Lead	Soil	ATL
.9 m	539-199-3	4. TCLP	mg/l			Lead	Soil	
.9 m	539-199-3	5. PH	mg/l				Soil	
1.5 m	539-199-5	1. TTLC	mg/kg			Lead	Soil	
1.5 m	539-199-5	2. STLC	mg/l			Lead	Soil	
1.5 m	539-199-5	3. STLC-DI	mg/l			Lead	Soil	
1.5 m	539-199-5	4. TCLP	mg/l			Lead	Soil	
1.5 m	539-199-5	5. PH	mg/l				Soil	
3/21/2002 surface	539-200-0	1. TTLC	200 mg/kg	5	3/28/2002	Lead	Soil	ATL
3/21/2002 surface	539-200-0	2. STLC	5.7 mg/l	0.2	4/5/2002	Lead	Soil	ATL
3/21/2002 surface	539-200-0	3. STLC-DI	ND	0.2	4/11/2002	Lead	Soil	ATL
surface	539-200-0	4. TCLP	mg/l			Lead	Soil	
surface	539-200-0	5. PH	mg/l				Soil	
3/21/2002 .3 m	539-200-1	1. TTLC	190 mg/kg	5	3/28/2002	Lead	Soil	ATL
3/21/2002 .3 m	539-200-1	2. STLC	9.6 mg/l	0.2	4/5/2002	Lead	Soil	ATL
3/21/2002 .3 m	539-200-1	3. STLC-DI	ND	0.2	4/11/2002	Lead	Soil	ATL
.3 m	539-200-1	4. TCLP	mg/l			Lead	Soil	
.3 m	539-200-1	5. PH	mg/l				Soil	
3/21/2002 .6 m	539-200-2	1. TTLC	24 mg/kg	5	3/28/2002	Lead	Soil	ATL
.6 m	539-200-2	2. STLC	mg/l			Lead	Soil	
.6 m	539-200-2	3. STLC-DI	mg/l			Lead	Soil	

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Sample ID	Date	Depth	Method	Concentration	Unit	Remarks	Soil Type
539-200-2		.6 m	4. TCLP		mg/l		Soil
539-200-2		.6 m	5. PH				Soil
539-200-3	3/21/2002	.9 m	1. TTLC	13	mg/kg		Soil
539-200-3		.9 m	2. STLC		mg/l	3/28/2002	Soil
539-200-3		.9 m	3. STLC-DI		mg/l		Soil
539-200-3		.9 m	4. TCLP		mg/l		Soil
539-200-3		.9 m	5. PH				Soil
539-200-5		1.5 m	1. TTLC		mg/kg		Soil
539-200-5		1.5 m	2. STLC		mg/l		Soil
539-200-5		1.5 m	3. STLC-DI		mg/l		Soil
539-200-5		1.5 m	4. TCLP		mg/l		Soil
539-200-5		1.5 m	5. PH				Soil
539-201-0	3/21/2002	surface	1. TTLC	450	mg/kg	3/28/2002	Soil
539-201-0	3/21/2002	surface	2. STLC	58	mg/l	4/5/2002	Soil
539-201-0	3/21/2002	surface	3. STLC-DI	ND	mg/l	4/11/2002	Soil
539-201-0		surface	4. TCLP		mg/l		Soil
539-201-0		surface	5. PH				Soil
539-201-1	3/21/2002	.3 m	1. TTLC	570	mg/kg	3/28/2002	Soil
539-201-1	3/21/2002	.3 m	2. STLC	26	mg/l	4/5/2002	Soil
539-201-1	3/21/2002	.3 m	3. STLC-DI	ND	mg/l	4/11/2002	Soil
539-201-1		.3 m	4. TCLP		mg/l		Soil
539-201-1		.3 m	5. PH	8.43		3/28/2002	Soil
539-201-2	3/21/2002	.6 m	1. TTLC	300	mg/kg	3/28/2002	Soil
539-201-2	3/21/2002	.6 m	2. STLC	25	mg/l	4/5/2002	Soil
539-201-2	3/21/2002	.6 m	3. STLC-DI	ND	mg/l	4/11/2002	Soil
539-201-2		.6 m	4. TCLP		mg/l		Soil
539-201-2		.6 m	5. PH				Soil
539-201-3	3/21/2002	.9 m	1. TTLC	340	mg/kg	3/28/2002	Soil
539-201-3	3/21/2002	.9 m	2. STLC	36	mg/l	4/5/2002	Soil
539-201-3	3/21/2002	.9 m	3. STLC-DI	ND	mg/l	4/11/2002	Soil
539-201-3		.9 m	4. TCLP		mg/l		Soil
539-201-3		.9 m	5. PH				Soil
539-201-5		1.5 m	1. TTLC		mg/kg		Soil
539-201-5		1.5 m	2. STLC		mg/l		Soil
539-201-5		1.5 m	3. STLC-DI		mg/l		Soil
539-201-5		1.5 m	4. TCLP		mg/l		Soil
539-201-5		1.5 m	5. PH				Soil
539-202-0	3/21/2002	surface	1. TTLC	69	mg/kg	3/28/2002	Soil

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3/21/2002	surface	539-202-0	2. STLC	2.9 mg/l	0.2	4/5/2002	Lead	Soil	ATL
	surface	539-202-0	3. STLC-DI	mg/l			Lead	Soil	
	surface	539-202-0	4. TCLP	mg/l			Lead	Soil	
	surface	539-202-0	5. PH					Soil	
3/21/2002	.3 m	539-202-1	1. TTLC	16 mg/kg	5	3/28/2002	Lead	Soil	ATL
	.3 m	539-202-1	2. STLC	mg/l			Lead	Soil	
	.3 m	539-202-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	539-202-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	539-202-1	5. PH					Soil	
3/21/2002	.6 m	539-202-2	1. TTLC	32 mg/kg	5	3/28/2002	Lead	Soil	ATL
	.6 m	539-202-2	2. STLC	mg/l			Lead	Soil	
	.6 m	539-202-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	539-202-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	539-202-2	5. PH					Soil	
3/21/2002	.9 m	539-202-3	1. TTLC	15 mg/kg	5	3/28/2002	Lead	Soil	ATL
	.9 m	539-202-3	2. STLC	mg/l			Lead	Soil	
	.9 m	539-202-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	539-202-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	539-202-3	5. PH					Soil	
	1.5 m	539-202-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	539-202-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	539-202-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	539-202-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	539-202-5	5. PH					Soil	
3/21/2002	surface	539-203-0	1. TTLC	63 mg/kg	5	3/28/2002	Lead	Soil	ATL
3/21/2002	surface	539-203-0	2. STLC	3.9 mg/l	0.2	4/5/2002	Lead	Soil	ATL
	surface	539-203-0	3. STLC-DI	mg/l			Lead	Soil	
	surface	539-203-0	4. TCLP	mg/l			Lead	Soil	
	surface	539-203-0	5. PH					Soil	
3/21/2002	.3 m	539-203-1	1. TTLC	29 mg/kg	5	3/28/2002	Lead	Soil	ATL
	.3 m	539-203-1	2. STLC	mg/l			Lead	Soil	
	.3 m	539-203-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	539-203-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	539-203-1	5. PH					Soil	
3/21/2002	.6 m	539-203-2	1. TTLC	18 mg/kg	5	3/28/2002	Lead	Soil	ATL
	.6 m	539-203-2	2. STLC	mg/l			Lead	Soil	
	.6 m	539-203-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	539-203-2	4. TCLP	mg/l			Lead	Soil	

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Depth	Sample ID	Method	Concentration	Date	Soil Type
.6 m	539-203-2	5. PH			Soil
.9 m	539-203-3	1. TTLC	mg/kg		Soil
.9 m	539-203-3	2. STLC	mg/l		Soil
.9 m	539-203-3	3. STLC-DI	mg/l		Soil
.9 m	539-203-3	4. TCLP	mg/l		Soil
.9 m	539-203-3	5. PH			Soil
1.5 m	539-203-5	1. TTLC	mg/kg		Soil
1.5 m	539-203-5	2. STLC	mg/l		Soil
1.5 m	539-203-5	3. STLC-DI	mg/l		Soil
1.5 m	539-203-5	4. TCLP	mg/l		Soil
1.5 m	539-203-5	5. PH			Soil
3/21/2002 surface	539-204-0	1. TTLC	140 mg/kg	3/28/2002	Soil ATL
3/21/2002 surface	539-204-0	2. STLC	17 mg/l	4/5/2002	Soil ATL
3/21/2002 surface	539-204-0	3. STLC-DI	ND		Soil
3/21/2002 surface	539-204-0	4. TCLP	mg/l		Soil
3/21/2002 surface	539-204-0	5. PH	6.51	3/28/2002	Soil ATL
3/21/2002 .3 m	539-204-1	1. TTLC	47 mg/kg	3/28/2002	Soil ATL
.3 m	539-204-1	2. STLC	mg/l		Soil
.3 m	539-204-1	3. STLC-DI	mg/l		Soil
.3 m	539-204-1	4. TCLP	mg/l		Soil
.3 m	539-204-1	5. PH			Soil
3/21/2002 .6 m	539-204-2	1. TTLC	26 mg/kg	3/28/2002	Soil ATL
.6 m	539-204-2	2. STLC	mg/l		Soil
.6 m	539-204-2	3. STLC-DI	mg/l		Soil
.6 m	539-204-2	4. TCLP	mg/l		Soil
.6 m	539-204-2	5. PH			Soil
3/21/2002 .9 m	539-204-3	1. TTLC	13 mg/kg	3/28/2002	Soil ATL
.9 m	539-204-3	2. STLC	mg/l		Soil
.9 m	539-204-3	3. STLC-DI	mg/l		Soil
.9 m	539-204-3	4. TCLP	mg/l		Soil
.9 m	539-204-3	5. PH			Soil
1.5 m	539-204-5	1. TTLC	mg/kg		Soil
1.5 m	539-204-5	2. STLC	mg/l		Soil
1.5 m	539-204-5	3. STLC-DI	mg/l		Soil
1.5 m	539-204-5	4. TCLP	mg/l		Soil
1.5 m	539-204-5	5. PH			Soil
3/21/2002 surface	539-205-0	1. TTLC	55 mg/kg	3/28/2002	Soil ATL
3/21/2002 surface	539-205-0	2. STLC	3.4 mg/l	4/5/2002	Soil ATL

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Sample ID	Depth	Method	Concentration	Unit	Date	Soil Type	Lead	Soil
539-205-0	surface	3. STLC-DI		mg/l			Lead	Soil
539-205-0	surface	4. TCLP		mg/l			Lead	Soil
539-205-0	surface	5. PH						Soil
539-205-1	3/21/2002 .3 m	1. TTLC	81	mg/kg			3/28/2002 Lead	Soil ATL
539-205-1	3/21/2002 .3 m	2. STLC	4.9	mg/l			4/5/2002 Lead	Soil ATL
539-205-1	.3 m	3. STLC-DI		mg/l			Lead	Soil
539-205-1	.3 m	4. TCLP		mg/l			Lead	Soil
539-205-1	.3 m	5. PH						Soil
539-205-2	3/21/2002 .6 m	1. TTLC	22	mg/kg			3/28/2002 Lead	Soil ATL
539-205-2	.6 m	2. STLC		mg/l			Lead	Soil
539-205-2	.6 m	3. STLC-DI		mg/l			Lead	Soil
539-205-2	.6 m	4. TCLP		mg/l			Lead	Soil
539-205-2	.6 m	5. PH						Soil
539-205-3	3/21/2002 .9 m	1. TTLC	31	mg/kg			3/28/2002 Lead	Soil ATL
539-205-3	.9 m	2. STLC		mg/l			Lead	Soil
539-205-3	.9 m	3. STLC-DI		mg/l			Lead	Soil
539-205-3	.9 m	4. TCLP		mg/l			Lead	Soil
539-205-3	.9 m	5. PH						Soil
539-205-5	1.5 m	1. TTLC		mg/kg			Lead	Soil
539-205-5	1.5 m	2. STLC		mg/l			Lead	Soil
539-205-5	1.5 m	3. STLC-DI		mg/l			Lead	Soil
539-205-5	1.5 m	4. TCLP		mg/l			Lead	Soil
539-205-5	1.5 m	5. PH						Soil
539-206-0	3/21/2002 surface	1. TTLC	960	mg/kg			3/28/2002 Lead	Soil ATL
539-206-0	3/21/2002 surface	2. STLC	51	mg/l			4/5/2002 Lead	Soil ATL
539-206-0	3/21/2002 surface	3. STLC-DI	ND	mg/l			4/11/2002 Lead	Soil ATL
539-206-0	surface	4. TCLP		mg/l			Lead	Soil
539-206-0	surface	5. PH						Soil
539-206-1	3/21/2002 .3 m	1. TTLC	820	mg/kg			3/28/2002 Lead	Soil ATL
539-206-1	3/21/2002 .3 m	2. STLC	57	mg/l			4/5/2002 Lead	Soil ATL
539-206-1	3/21/2002 .3 m	3. STLC-DI	ND	mg/l			4/11/2002 Lead	Soil ATL
539-206-1	.3 m	4. TCLP		mg/l			Lead	Soil
539-206-1	.3 m	5. PH						Soil
539-206-2	3/21/2002 .6 m	1. TTLC	210	mg/kg			3/28/2002 Lead	Soil ATL
539-206-2	3/21/2002 .6 m	2. STLC	8.9	mg/l			4/5/2002 Lead	Soil ATL
539-206-2	3/21/2002 .6 m	3. STLC-DI	ND	mg/l			4/11/2002 Lead	Soil ATL
539-206-2	.6 m	4. TCLP		mg/l			Lead	Soil
539-206-2	3/21/2002 .6 m	5. PH	6.62				3/28/2002	Soil ATL

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3/21/2002	.9 m	539-206-3	1. TTLC	320 mg/kg	5	3/28/2002	Lead	Soil	ATL
3/21/2002	.9 m	539-206-3	2. STLC	26 mg/l	0.2	4/5/2002	Lead	Soil	ATL
3/21/2002	.9 m	539-206-3	3. STLC-DI	ND	0.2	4/11/2002	Lead	Soil	ATL
	.9 m	539-206-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	539-206-3	5. PH	mg/l				Soil	
	1.5 m	539-206-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	539-206-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	539-206-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	539-206-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	539-206-5	5. PH	mg/l				Soil	
3/21/2002	surface	539-207-0	1. TTLC	190 mg/kg	5	3/28/2002	Lead	Soil	ATL
3/21/2002	surface	539-207-0	2. STLC	4.6 mg/l	0.2	4/5/2002	Lead	Soil	ATL
	surface	539-207-0	3. STLC-DI	mg/l			Lead	Soil	
	surface	539-207-0	4. TCLP	mg/l			Lead	Soil	
	surface	539-207-0	5. PH	mg/l				Soil	
3/21/2002	.3 m	539-207-1	1. TTLC	54 mg/kg	5	3/28/2002	Lead	Soil	ATL
3/21/2002	.3 m	539-207-1	2. STLC	1.6 mg/l	0.2	4/5/2002	Lead	Soil	ATL
	.3 m	539-207-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	539-207-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	539-207-1	5. PH	mg/l				Soil	
3/21/2002	.6 m	539-207-2	1. TTLC	25 mg/kg	5	3/28/2002	Lead	Soil	ATL
	.6 m	539-207-2	2. STLC	mg/l			Lead	Soil	
	.6 m	539-207-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	539-207-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	539-207-2	5. PH	mg/l				Soil	
3/21/2002	.9 m	539-207-3	1. TTLC	39 mg/kg	5	3/28/2002	Lead	Soil	ATL
	.9 m	539-207-3	2. STLC	mg/l			Lead	Soil	
	.9 m	539-207-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	539-207-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	539-207-3	5. PH	mg/l				Soil	
	1.5 m	539-207-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	539-207-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	539-207-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	539-207-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	539-207-5	5. PH	mg/l				Soil	
3/21/2002	surface	539-208-0	1. TTLC	550 mg/kg	5	3/28/2002	Lead	Soil	ATL
3/21/2002	surface	539-208-0	2. STLC	34 mg/l	0.2	4/5/2002	Lead	Soil	ATL
3/21/2002	surface	539-208-0	3. STLC-DI	mg/l	0.2	4/11/2002	Lead	Soil	ATL

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Surface	Depth	Sample ID	Method	Concentration	Date	Soil Type
surface		539-208-0	4. TCLP			Soil
surface		539-208-0	5. PH			Soil
3/21/2002	.3 m	539-208-1	1. TTLC	44 mg/kg	5	Soil ATL
	.3 m	539-208-1	2. STLC	mg/l		Soil
	.3 m	539-208-1	3. STLC-DI	mg/l		Soil
	.3 m	539-208-1	4. TCLP	mg/l		Soil
	.3 m	539-208-1	5. PH			Soil
3/21/2002	.6 m	539-208-2	1. TTLC	44 mg/kg	5	Soil ATL
	.6 m	539-208-2	2. STLC	mg/l		Soil
	.6 m	539-208-2	3. STLC-DI	mg/l		Soil
	.6 m	539-208-2	4. TCLP	mg/l		Soil
	.6 m	539-208-2	5. PH			Soil
	.9 m	539-208-3	1. TTLC	mg/kg		Soil
	.9 m	539-208-3	2. STLC	mg/l		Soil
	.9 m	539-208-3	3. STLC-DI	mg/l		Soil
	.9 m	539-208-3	4. TCLP	mg/l		Soil
	.9 m	539-208-3	5. PH			Soil
	1.5 m	539-208-5	1. TTLC	mg/kg		Soil
	1.5 m	539-208-5	2. STLC	mg/l		Soil
	1.5 m	539-208-5	3. STLC-DI	mg/l		Soil
	1.5 m	539-208-5	4. TCLP	mg/l		Soil
	1.5 m	539-208-5	5. PH			Soil
3/21/2002	surface	539-209-0	1. TTLC	1300 mg/kg	5	Soil ATL
	surface	539-209-0	2. STLC	mg/l		Soil
	surface	539-209-0	3. STLC-DI	mg/l		Soil
3/21/2002	surface	539-209-0	4. TCLP	7.5 mg/l	0.2	Soil ATL
	surface	539-209-0	5. PH			Soil
3/21/2002	.3 m	539-209-1	1. TTLC	200 mg/kg	5	Soil ATL
3/21/2002	.3 m	539-209-1	2. STLC	7.3 mg/l	0.2	Soil ATL
3/21/2002	.3 m	539-209-1	3. STLC-DI	ND	0.2	Soil ATL
	.3 m	539-209-1	4. TCLP	mg/l		Soil
3/21/2002	.3 m	539-209-1	5. PH	6.89	0.1	Soil ATL
3/21/2002	.6 m	539-209-2	1. TTLC	490 mg/kg	5	Soil ATL
3/21/2002	.6 m	539-209-2	2. STLC	39 mg/l	0.2	Soil ATL
3/21/2002	.6 m	539-209-2	3. STLC-DI	ND	0.2	Soil ATL
	.6 m	539-209-2	4. TCLP	mg/l		Soil
	.6 m	539-209-2	5. PH			Soil
	.9 m	539-209-3	1. TTLC	mg/kg		Soil

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Depth	Sample ID	Method	Concentration	Date	Media	Notes
.9 m	539-209-3	2. STLC	mg/l		Soil	
.9 m	539-209-3	3. STLC-DI	mg/l		Soil	
.9 m	539-209-3	4. TCLP	mg/l		Soil	
.9 m	539-209-3	5. PH	mg/l		Soil	
1.5 m	539-209-5	1. TTLC	mg/kg		Soil	
1.5 m	539-209-5	2. STLC	mg/l		Soil	
1.5 m	539-209-5	3. STLC-DI	mg/l		Soil	
1.5 m	539-209-5	4. TCLP	mg/l		Soil	
1.5 m	539-209-5	5. PH	mg/l		Soil	
3/21/2002 surface	539-210-0	1. TTLC	1900 mg/kg	3/28/2002	Soil	ATL
surface	539-210-0	2. STLC	mg/l		Soil	
surface	539-210-0	3. STLC-DI	mg/l		Soil	
3/21/2002 surface	539-210-0	4. TCLP	9.9 mg/l	4/5/2002	Soil	ATL
surface	539-210-0	5. PH	mg/l		Soil	
3/21/2002 .3 m	539-210-1	1. TTLC	520 mg/kg	3/28/2002	Soil	ATL
3/21/2002 .3 m	539-210-1	2. STLC	36 mg/l	4/5/2002	Soil	ATL
3/21/2002 .3 m	539-210-1	3. STLC-DI	ND	4/11/2002	Soil	ATL
.3 m	539-210-1	4. TCLP	mg/l		Soil	
.3 m	539-210-1	5. PH	mg/l		Soil	
3/21/2002 .6 m	539-210-2	1. TTLC	310 mg/kg	3/28/2002	Soil	ATL
3/21/2002 .6 m	539-210-2	2. STLC	22 mg/l	4/5/2002	Soil	ATL
3/21/2002 .6 m	539-210-2	3. STLC-DI	ND	4/11/2002	Soil	ATL
.6 m	539-210-2	4. TCLP	mg/l		Soil	
.6 m	539-210-2	5. PH	mg/l		Soil	
.9 m	539-210-3	1. TTLC	mg/kg		Soil	
.9 m	539-210-3	2. STLC	mg/l		Soil	
.9 m	539-210-3	3. STLC-DI	mg/l		Soil	
.9 m	539-210-3	4. TCLP	mg/l		Soil	
.9 m	539-210-3	5. PH	mg/l		Soil	
1.5 m	539-210-5	1. TTLC	mg/kg		Soil	
1.5 m	539-210-5	2. STLC	mg/l		Soil	
1.5 m	539-210-5	3. STLC-DI	mg/l		Soil	
1.5 m	539-210-5	4. TCLP	mg/l		Soil	
1.5 m	539-210-5	5. PH	mg/l		Soil	
3/21/2002 surface	539-211-0	1. TTLC	910 mg/kg	3/28/2002	Soil	ATL
3/21/2002 surface	539-211-0	2. STLC	86 mg/l	4/5/2002	Soil	ATL
3/21/2002 surface	539-211-0	3. STLC-DI	ND	4/11/2002	Soil	ATL
surface	539-211-0	4. TCLP	mg/l		Soil	

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Surface	Sample ID	Method	Result	Unit	Concentration	Date	Soil Type
surface	539-211-0	5. PH					Soil
3/21/2002 .3 m	539-211-1	1. TTLC	200	mg/kg	5	3/28/2002	Lead
3/21/2002 .3 m	539-211-1	2. STLC	14	mg/l	0.2	4/5/2002	Lead
3/21/2002 .3 m	539-211-1	3. STLC-DI	ND	mg/l	0.2	4/11/2002	Lead
.3 m	539-211-1	4. TCLP		mg/l			Lead
.3 m	539-211-1	5. PH					Soil
3/21/2002 .6 m	539-211-2	1. TTLC	120	mg/kg	5	3/28/2002	Lead
3/21/2002 .6 m	539-211-2	2. STLC	6.5	mg/l	0.2	4/5/2002	Lead
3/21/2002 .6 m	539-211-2	3. STLC-DI	ND	mg/l	0.2	4/11/2002	Lead
.6 m	539-211-2	4. TCLP		mg/l			Lead
.6 m	539-211-2	5. PH					Soil
.9 m	539-211-3	1. TTLC		mg/kg			Lead
.9 m	539-211-3	2. STLC		mg/l			Lead
.9 m	539-211-3	3. STLC-DI		mg/l			Lead
.9 m	539-211-3	4. TCLP		mg/l			Lead
.9 m	539-211-3	5. PH					Soil
1.5 m	539-211-5	1. TTLC		mg/kg			Lead
1.5 m	539-211-5	2. STLC		mg/l			Lead
1.5 m	539-211-5	3. STLC-DI		mg/l			Lead
1.5 m	539-211-5	4. TCLP		mg/l			Lead
1.5 m	539-211-5	5. PH					Soil
3/21/2002 surface	539-212-0	1. TTLC	220	mg/kg	5	3/28/2002	Lead
3/21/2002 surface	539-212-0	2. STLC	16	mg/l	0.2	4/5/2002	Lead
3/21/2002 surface	539-212-0	3. STLC-DI	ND	mg/l	0.2	4/11/2002	Lead
surface	539-212-0	4. TCLP		mg/l			Lead
surface	539-212-0	5. PH					Soil
3/21/2002 .3 m	539-212-1	1. TTLC	7.8	mg/kg	5	3/28/2002	Lead
.3 m	539-212-1	2. STLC		mg/l			Lead
.3 m	539-212-1	3. STLC-DI		mg/l			Lead
.3 m	539-212-1	4. TCLP		mg/l			Lead
.3 m	539-212-1	5. PH					Soil
3/21/2002 .6 m	539-212-2	1. TTLC	5.3	mg/kg	5	3/28/2002	Lead
.6 m	539-212-2	2. STLC		mg/l			Lead
.6 m	539-212-2	3. STLC-DI		mg/l			Lead
.6 m	539-212-2	4. TCLP		mg/l			Lead
3/21/2002 .6 m	539-212-2	5. PH	8.48		0.1	3/28/2002	Lead
3/21/2002 .9 m	539-212-3	1. TTLC		mg/kg	5	3/28/2002	Lead
.9 m	539-212-3	2. STLC		mg/l			Lead

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Date	Depth	ID	Method	Concentration	Units	Media	Notes
3/21/2002	1.5 m	539-212-5	1. TTLC	7.6	mg/kg	Soil	ATL
3/21/2002	1.5 m	539-212-5	2. STLC		mg/l	Soil	
3/21/2002	1.5 m	539-212-5	3. STLC-DI		mg/l	Soil	
3/21/2002	1.5 m	539-212-5	4. TCLP		mg/l	Soil	
3/21/2002	1.5 m	539-212-5	5. PH		mg/l	Soil	
3/21/2002	surface	539-213-0	1. TTLC	56	mg/kg	Soil	ATL
3/21/2002	surface	539-213-0	2. STLC	5.8	mg/l	Soil	ATL
3/21/2002	surface	539-213-0	3. STLC-DI		mg/l	Soil	ATL
3/21/2002	surface	539-213-0	4. TCLP		mg/l	Soil	
3/21/2002	surface	539-213-0	5. PH		mg/l	Soil	
3/21/2002	.3 m	539-213-1	1. TTLC	31	mg/kg	Soil	ATL
3/21/2002	.3 m	539-213-1	2. STLC		mg/l	Soil	
3/21/2002	.3 m	539-213-1	3. STLC-DI		mg/l	Soil	
3/21/2002	.3 m	539-213-1	4. TCLP		mg/l	Soil	
3/21/2002	.3 m	539-213-1	5. PH		mg/l	Soil	
3/21/2002	.6 m	539-213-2	1. TTLC	17	mg/kg	Soil	ATL
3/21/2002	.6 m	539-213-2	2. STLC		mg/l	Soil	
3/21/2002	.6 m	539-213-2	3. STLC-DI		mg/l	Soil	
3/21/2002	.6 m	539-213-2	4. TCLP		mg/l	Soil	
3/21/2002	.6 m	539-213-2	5. PH		mg/l	Soil	
3/21/2002	.9 m	539-213-3	1. TTLC	10	mg/kg	Soil	ATL
3/21/2002	.9 m	539-213-3	2. STLC		mg/l	Soil	
3/21/2002	.9 m	539-213-3	3. STLC-DI		mg/l	Soil	
3/21/2002	.9 m	539-213-3	4. TCLP		mg/l	Soil	
3/21/2002	.9 m	539-213-3	5. PH		mg/l	Soil	
3/21/2002	1.5 m	539-213-5	1. TTLC	13	mg/kg	Soil	ATL
3/21/2002	1.5 m	539-213-5	2. STLC		mg/l	Soil	
3/21/2002	1.5 m	539-213-5	3. STLC-DI		mg/l	Soil	
3/21/2002	1.5 m	539-213-5	4. TCLP		mg/l	Soil	
3/21/2002	1.5 m	539-213-5	5. PH		mg/l	Soil	
3/21/2002	surface	539-214-0	1. TTLC	1600	mg/kg	Soil	ATL
3/21/2002	surface	539-214-0	2. STLC		mg/l	Soil	
3/21/2002	surface	539-214-0	3. STLC-DI		mg/l	Soil	
3/21/2002	surface	539-214-0	4. TCLP	9.7	mg/l	Soil	ATL
3/21/2002	surface	539-214-0	5. PH		mg/l	Soil	

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3/21/2002	.3 m	539-214-1	1. TTLC	460 mg/kg	5	3/28/2002	Lead	Soil	ATL
3/21/2002	.3 m	539-214-1	2. STLC	57 mg/l	0.2	4/5/2002	Lead	Soil	ATL
3/21/2002	.3 m	539-214-1	3. STLC-DI	ND	0.2	4/11/2002	Lead	Soil	ATL
	.3 m	539-214-1	4. TCLP				Lead	Soil	
	.3 m	539-214-1	5. PH					Soil	
3/21/2002	.6 m	539-214-2	1. TTLC	410 mg/kg	5	3/28/2002	Lead	Soil	ATL
3/21/2002	.6 m	539-214-2	2. STLC	21 mg/l	0.2	4/5/2002	Lead	Soil	ATL
3/21/2002	.6 m	539-214-2	3. STLC-DI	ND	0.2	4/11/2002	Lead	Soil	ATL
	.6 m	539-214-2	4. TCLP				Lead	Soil	
3/21/2002	.6 m	539-214-2	5. PH	7.4	0.1	3/28/2002		Soil	ATL
	.9 m	539-214-3	1. TTLC	mg/kg			Lead	Soil	
	.9 m	539-214-3	2. STLC	mg/l			Lead	Soil	
	.9 m	539-214-3	3. STLC-DI	mg/l			Lead	Soil	
	.9 m	539-214-3	4. TCLP	mg/l			Lead	Soil	
	.9 m	539-214-3	5. PH	mg/l				Soil	
	1.5 m	539-214-5	1. TTLC	mg/kg			Lead	Soil	
	1.5 m	539-214-5	2. STLC	mg/l			Lead	Soil	
	1.5 m	539-214-5	3. STLC-DI	mg/l			Lead	Soil	
	1.5 m	539-214-5	4. TCLP	mg/l			Lead	Soil	
	1.5 m	539-214-5	5. PH	mg/l				Soil	
3/21/2002	surface	539-215-0	1. TTLC	510 mg/kg	5	3/28/2002	Lead	Soil	ATL
3/21/2002	surface	539-215-0	2. STLC	48 mg/l	0.2	4/5/2002	Lead	Soil	ATL
3/21/2002	surface	539-215-0	3. STLC-DI	0.22 mg/l	0.2	4/11/2002	Lead	Soil	ATL
	surface	539-215-0	4. TCLP	mg/l			Lead	Soil	
	surface	539-215-0	5. PH					Soil	
3/21/2002	.3 m	539-215-1	1. TTLC	48 mg/kg	5	3/28/2002	Lead	Soil	ATL
	.3 m	539-215-1	2. STLC	mg/l			Lead	Soil	
	.3 m	539-215-1	3. STLC-DI	mg/l			Lead	Soil	
	.3 m	539-215-1	4. TCLP	mg/l			Lead	Soil	
	.3 m	539-215-1	5. PH					Soil	
3/21/2002	.6 m	539-215-2	1. TTLC	35 mg/kg	5	3/28/2002	Lead	Soil	ATL
	.6 m	539-215-2	2. STLC	mg/l			Lead	Soil	
	.6 m	539-215-2	3. STLC-DI	mg/l			Lead	Soil	
	.6 m	539-215-2	4. TCLP	mg/l			Lead	Soil	
	.6 m	539-215-2	5. PH					Soil	
	.9 m	539-215-3	1. TTLC	mg/kg			Lead	Soil	
	.9 m	539-215-3	2. STLC	mg/l			Lead	Soil	
	.9 m	539-215-3	3. STLC-DI	mg/l			Lead	Soil	

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.9 m	539-215-3	4. TCLP	mg/l			Soil	Lead		
.9 m	539-215-3	5. PH				Soil			
1.5 m	539-215-5	1. TTLC	mg/kg			Soil	Lead		
1.5 m	539-215-5	2. STLC	mg/l			Soil	Lead		
1.5 m	539-215-5	3. STLC-DI	mg/l			Soil	Lead		
1.5 m	539-215-5	4. TCLP	mg/l			Soil	Lead		
1.5 m	539-215-5	5. PH				Soil			
3/21/2002 surface	539-216-0	1. TTLC	510 mg/kg	5	3/28/2002	Soil	Lead	ATL	
3/21/2002 surface	539-216-0	2. STLC	65 mg/l	0.2	4/5/2002	Soil	Lead	ATL	
3/21/2002 surface	539-216-0	3. STLC-DI	ND	0.2	4/11/2002	Soil	Lead	ATL	
surface	539-216-0	4. TCLP	mg/l			Soil	Lead		
surface	539-216-0	5. PH				Soil			
3/21/2002 .3 m	539-216-1	1. TTLC	310 mg/kg	5	3/28/2002	Soil	Lead	ATL	
3/21/2002 .3 m	539-216-1	2. STLC	29 mg/l	0.2	4/5/2002	Soil	Lead	ATL	
3/21/2002 .3 m	539-216-1	3. STLC-DI	ND	0.2	4/11/2002	Soil	Lead	ATL	
.3 m	539-216-1	4. TCLP	mg/l			Soil	Lead		
.3 m	539-216-1	5. PH				Soil			
3/21/2002 .6 m	539-216-2	1. TTLC	300 mg/kg	5	3/28/2002	Soil	Lead	ATL	
3/21/2002 .6 m	539-216-2	2. STLC	18 mg/l	0.2	4/5/2002	Soil	Lead	ATL	
3/21/2002 .6 m	539-216-2	3. STLC-DI	ND	0.2	4/11/2002	Soil	Lead	ATL	
.6 m	539-216-2	4. TCLP	mg/l			Soil	Lead		
.6 m	539-216-2	5. PH				Soil			
3/21/2002 .9 m	539-216-3	1. TTLC	160 mg/kg	5	3/28/2002	Soil	Lead	ATL	
3/21/2002 .9 m	539-216-3	2. STLC	6.9 mg/l	0.2	4/5/2002	Soil	Lead	ATL	
3/21/2002 .9 m	539-216-3	3. STLC-DI	ND	0.2	4/11/2002	Soil	Lead	ATL	
.9 m	539-216-3	4. TCLP	mg/l			Soil	Lead		
.9 m	539-216-3	5. PH				Soil			
1.5 m	539-216-5	1. TTLC	mg/kg			Soil	Lead		
1.5 m	539-216-5	2. STLC	mg/l			Soil	Lead		
1.5 m	539-216-5	3. STLC-DI	mg/l			Soil	Lead		
1.5 m	539-216-5	4. TCLP	mg/l			Soil	Lead		
1.5 m	539-216-5	5. PH				Soil			
surface	539-217-0	1. TTLC	mg/kg			Soil	Lead		
surface	539-217-0	2. STLC	mg/l			Soil	Lead		
surface	539-217-0	3. STLC-DI	mg/l			Soil	Lead		
surface	539-217-0	4. TCLP	mg/l			Soil	Lead		
surface	539-217-0	5. PH				Soil			
.3 m	539-217-1	1. TTLC	mg/kg			Soil	Lead		

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.3 m	539-217-1	2. STLC	mg/l	Lead	Soil
.3 m	539-217-1	3. STLC-DI	mg/l	Lead	Soil
.3 m	539-217-1	4. TCLP	mg/l	Lead	Soil
.3 m	539-217-1	5. PH			Soil
.6 m	539-217-2	1. TTLC	mg/kg	Lead	Soil
.6 m	539-217-2	2. STLC	mg/l	Lead	Soil
.6 m	539-217-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	539-217-2	4. TCLP	mg/l	Lead	Soil
.6 m	539-217-2	5. PH			Soil
.9 m	539-217-3	1. TTLC	mg/kg	Lead	Soil
.9 m	539-217-3	2. STLC	mg/l	Lead	Soil
.9 m	539-217-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	539-217-3	4. TCLP	mg/l	Lead	Soil
.9 m	539-217-3	5. PH			Soil
1.5 m	539-217-5	1. TTLC	mg/kg	Lead	Soil
1.5 m	539-217-5	2. STLC	mg/l	Lead	Soil
1.5 m	539-217-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	539-217-5	4. TCLP	mg/l	Lead	Soil
1.5 m	539-217-5	5. PH			Soil
surface	539-218-0	1. TTLC	mg/kg	Lead	Soil
surface	539-218-0	2. STLC	mg/l	Lead	Soil
surface	539-218-0	3. STLC-DI	mg/l	Lead	Soil
surface	539-218-0	4. TCLP	mg/l	Lead	Soil
surface	539-218-0	5. PH			Soil
.3 m	539-218-1	1. TTLC	mg/kg	Lead	Soil
.3 m	539-218-1	2. STLC	mg/l	Lead	Soil
.3 m	539-218-1	3. STLC-DI	mg/l	Lead	Soil
.3 m	539-218-1	4. TCLP	mg/l	Lead	Soil
.3 m	539-218-1	5. PH			Soil
.6 m	539-218-2	1. TTLC	mg/kg	Lead	Soil
.6 m	539-218-2	2. STLC	mg/l	Lead	Soil
.6 m	539-218-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	539-218-2	4. TCLP	mg/l	Lead	Soil
.6 m	539-218-2	5. PH			Soil
.9 m	539-218-3	1. TTLC	mg/kg	Lead	Soil
.9 m	539-218-3	2. STLC	mg/l	Lead	Soil
.9 m	539-218-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	539-218-3	4. TCLP	mg/l	Lead	Soil

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.9 m	539-218-3	5. PH	mg/kg	Soil
1.5 m	539-218-5	1. TTLC	mg/kg	Soil
1.5 m	539-218-5	2. STLC	mg/l	Lead
1.5 m	539-218-5	3. STLC-DI	mg/l	Lead
1.5 m	539-218-5	4. TCLP	mg/l	Lead
1.5 m	539-218-5	5. PH	mg/l	Lead
surface	539-219-0	1. TTLC	mg/kg	Soil
surface	539-219-0	2. STLC	mg/l	Lead
surface	539-219-0	3. STLC-DI	mg/l	Lead
surface	539-219-0	4. TCLP	mg/l	Lead
surface	539-219-0	5. PH	mg/l	Lead
.3 m	539-219-1	1. TTLC	mg/kg	Soil
.3 m	539-219-1	2. STLC	mg/l	Lead
.3 m	539-219-1	3. STLC-DI	mg/l	Lead
.3 m	539-219-1	4. TCLP	mg/l	Lead
.3 m	539-219-1	5. PH	mg/l	Lead
.6 m	539-219-2	1. TTLC	mg/kg	Soil
.6 m	539-219-2	2. STLC	mg/l	Lead
.6 m	539-219-2	3. STLC-DI	mg/l	Lead
.6 m	539-219-2	4. TCLP	mg/l	Lead
.6 m	539-219-2	5. PH	mg/l	Lead
.9 m	539-219-3	1. TTLC	mg/kg	Soil
.9 m	539-219-3	2. STLC	mg/l	Lead
.9 m	539-219-3	3. STLC-DI	mg/l	Lead
.9 m	539-219-3	4. TCLP	mg/l	Lead
.9 m	539-219-3	5. PH	mg/l	Lead
1.5 m	539-219-5	1. TTLC	mg/kg	Soil
1.5 m	539-219-5	2. STLC	mg/l	Lead
1.5 m	539-219-5	3. STLC-DI	mg/l	Lead
1.5 m	539-219-5	4. TCLP	mg/l	Lead
1.5 m	539-219-5	5. PH	mg/l	Lead
surface	539-220-0	1. TTLC	mg/kg	Soil
surface	539-220-0	2. STLC	mg/l	Lead
surface	539-220-0	3. STLC-DI	mg/l	Lead
surface	539-220-0	4. TCLP	mg/l	Lead
surface	539-220-0	5. PH	mg/l	Lead
.3 m	539-220-1	1. TTLC	mg/kg	Soil
.3 m	539-220-1	2. STLC	mg/l	Lead

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.3 m	539-220-1	3. STLC-DI	mg/l	Lead	Soil
.3 m	539-220-1	4. TCLP	mg/l	Lead	Soil
.3 m	539-220-1	5. PH			Soil
.6 m	539-220-2	1. TTLC	mg/kg	Lead	Soil
.6 m	539-220-2	2. STLC	mg/l	Lead	Soil
.6 m	539-220-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	539-220-2	4. TCLP	mg/l	Lead	Soil
.6 m	539-220-2	5. PH			Soil
.9 m	539-220-3	1. TTLC	mg/kg	Lead	Soil
.9 m	539-220-3	2. STLC	mg/l	Lead	Soil
.9 m	539-220-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	539-220-3	4. TCLP	mg/l	Lead	Soil
.9 m	539-220-3	5. PH			Soil
1.5 m	539-220-5	1. TTLC	mg/kg	Lead	Soil
1.5 m	539-220-5	2. STLC	mg/l	Lead	Soil
1.5 m	539-220-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	539-220-5	4. TCLP	mg/l	Lead	Soil
1.5 m	539-220-5	5. PH			Soil
surface	539-221-0	1. TTLC	mg/kg	Lead	Soil
surface	539-221-0	2. STLC	mg/l	Lead	Soil
surface	539-221-0	3. STLC-DI	mg/l	Lead	Soil
surface	539-221-0	4. TCLP	mg/l	Lead	Soil
surface	539-221-0	5. PH			Soil
.3 m	539-221-1	1. TTLC	mg/kg	Lead	Soil
.3 m	539-221-1	2. STLC	mg/l	Lead	Soil
.3 m	539-221-1	3. STLC-DI	mg/l	Lead	Soil
.3 m	539-221-1	4. TCLP	mg/l	Lead	Soil
.3 m	539-221-1	5. PH			Soil
.6 m	539-221-2	1. TTLC	mg/kg	Lead	Soil
.6 m	539-221-2	2. STLC	mg/l	Lead	Soil
.6 m	539-221-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	539-221-2	4. TCLP	mg/l	Lead	Soil
.6 m	539-221-2	5. PH			Soil
.9 m	539-221-3	1. TTLC	mg/kg	Lead	Soil
.9 m	539-221-3	2. STLC	mg/l	Lead	Soil
.9 m	539-221-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	539-221-3	4. TCLP	mg/l	Lead	Soil
.9 m	539-221-3	5. PH			Soil

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1.5 m	539-221-5	1. TTLC	mg/kg	Lead	Soil
1.5 m	539-221-5	2. STLC	mg/l	Lead	Soil
1.5 m	539-221-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	539-221-5	4. TCLP	mg/l	Lead	Soil
1.5 m	539-221-5	5. PH			
surface	539-222-0	1. TTLC	mg/kg	Lead	Soil
surface	539-222-0	2. STLC	mg/l	Lead	Soil
surface	539-222-0	3. STLC-DI	mg/l	Lead	Soil
surface	539-222-0	4. TCLP	mg/l	Lead	Soil
surface	539-222-0	5. PH			
.3 m	539-222-1	1. TTLC	mg/kg	Lead	Soil
.3 m	539-222-1	2. STLC	mg/l	Lead	Soil
.3 m	539-222-1	3. STLC-DI	mg/l	Lead	Soil
.3 m	539-222-1	4. TCLP	mg/l	Lead	Soil
.3 m	539-222-1	5. PH			
.6 m	539-222-2	1. TTLC	mg/kg	Lead	Soil
.6 m	539-222-2	2. STLC	mg/l	Lead	Soil
.6 m	539-222-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	539-222-2	4. TCLP	mg/l	Lead	Soil
.6 m	539-222-2	5. PH			
.9 m	539-222-3	1. TTLC	mg/kg	Lead	Soil
.9 m	539-222-3	2. STLC	mg/l	Lead	Soil
.9 m	539-222-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	539-222-3	4. TCLP	mg/l	Lead	Soil
.9 m	539-222-3	5. PH			
1.5 m	539-222-5	1. TTLC	mg/kg	Lead	Soil
1.5 m	539-222-5	2. STLC	mg/l	Lead	Soil
1.5 m	539-222-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	539-222-5	4. TCLP	mg/l	Lead	Soil
1.5 m	539-222-5	5. PH			
surface	539-223-0	1. TTLC	mg/kg	Lead	Soil
surface	539-223-0	2. STLC	mg/l	Lead	Soil
surface	539-223-0	3. STLC-DI	mg/l	Lead	Soil
surface	539-223-0	4. TCLP	mg/l	Lead	Soil
surface	539-223-0	5. PH			
.3 m	539-223-1	1. TTLC	mg/kg	Lead	Soil
.3 m	539-223-1	2. STLC	mg/l	Lead	Soil
.3 m	539-223-1	3. STLC-DI	mg/l	Lead	Soil

results\_spreadsheet

.3 m	539-223-1	4. TCLP	mg/l	Lead	Soil
.3 m	539-223-1	5. PH		Lead	Soil
.6 m	539-223-2	1. TTLC	mg/kg	Lead	Soil
.6 m	539-223-2	2. STLC	mg/l	Lead	Soil
.6 m	539-223-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	539-223-2	4. TCLP	mg/l	Lead	Soil
.6 m	539-223-2	5. PH		Lead	Soil
.9 m	539-223-3	1. TTLC	mg/kg	Lead	Soil
.9 m	539-223-3	2. STLC	mg/l	Lead	Soil
.9 m	539-223-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	539-223-3	4. TCLP	mg/l	Lead	Soil
.9 m	539-223-3	5. PH		Lead	Soil
1.5 m	539-223-5	1. TTLC	mg/kg	Lead	Soil
1.5 m	539-223-5	2. STLC	mg/l	Lead	Soil
1.5 m	539-223-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	539-223-5	4. TCLP	mg/l	Lead	Soil
1.5 m	539-223-5	5. PH		Lead	Soil
surface	539-224-0	1. TTLC	mg/kg	Lead	Soil
surface	539-224-0	2. STLC	mg/l	Lead	Soil
surface	539-224-0	3. STLC-DI	mg/l	Lead	Soil
surface	539-224-0	4. TCLP	mg/l	Lead	Soil
surface	539-224-0	5. PH		Lead	Soil
.3 m	539-224-1	1. TTLC	mg/kg	Lead	Soil
.3 m	539-224-1	2. STLC	mg/l	Lead	Soil
.3 m	539-224-1	3. STLC-DI	mg/l	Lead	Soil
.3 m	539-224-1	4. TCLP	mg/l	Lead	Soil
.3 m	539-224-1	5. PH		Lead	Soil
.6 m	539-224-2	1. TTLC	mg/kg	Lead	Soil
.6 m	539-224-2	2. STLC	mg/l	Lead	Soil
.6 m	539-224-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	539-224-2	4. TCLP	mg/l	Lead	Soil
.6 m	539-224-2	5. PH		Lead	Soil
.9 m	539-224-3	1. TTLC	mg/kg	Lead	Soil
.9 m	539-224-3	2. STLC	mg/l	Lead	Soil
.9 m	539-224-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	539-224-3	4. TCLP	mg/l	Lead	Soil
.9 m	539-224-3	5. PH		Lead	Soil
1.5 m	539-224-5	1. TTLC	mg/kg	Lead	Soil

results\_spreadsheet

1.5 m	539-224-5	2. STLC	mg/l	Lead	Soil
1.5 m	539-224-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	539-224-5	4. TCLP	mg/l	Lead	Soil
1.5 m	539-224-5	5. PH			Soil
surface	539-225-0	1. TTLC	mg/kg	Lead	Soil
surface	539-225-0	2. STLC	mg/l	Lead	Soil
surface	539-225-0	3. STLC-DI	mg/l	Lead	Soil
surface	539-225-0	4. TCLP	mg/l	Lead	Soil
surface	539-225-0	5. PH			Soil
.3 m	539-225-1	1. TTLC	mg/kg	Lead	Soil
.3 m	539-225-1	2. STLC	mg/l	Lead	Soil
.3 m	539-225-1	3. STLC-DI	mg/l	Lead	Soil
.3 m	539-225-1	4. TCLP	mg/l	Lead	Soil
.3 m	539-225-1	5. PH			Soil
.6 m	539-225-2	1. TTLC	mg/kg	Lead	Soil
.6 m	539-225-2	2. STLC	mg/l	Lead	Soil
.6 m	539-225-2	3. STLC-DI	mg/l	Lead	Soil
.6 m	539-225-2	4. TCLP	mg/l	Lead	Soil
.6 m	539-225-2	5. PH			Soil
.9 m	539-225-3	1. TTLC	mg/kg	Lead	Soil
.9 m	539-225-3	2. STLC	mg/l	Lead	Soil
.9 m	539-225-3	3. STLC-DI	mg/l	Lead	Soil
.9 m	539-225-3	4. TCLP	mg/l	Lead	Soil
.9 m	539-225-3	5. PH			Soil
1.5 m	539-225-5	1. TTLC	mg/kg	Lead	Soil
1.5 m	539-225-5	2. STLC	mg/l	Lead	Soil
1.5 m	539-225-5	3. STLC-DI	mg/l	Lead	Soil
1.5 m	539-225-5	4. TCLP	mg/l	Lead	Soil
1.5 m	539-225-5	5. PH			Soil

APPENDIX

**B**

## **APPENDIX B**

### **GEOCON CONSULTANTS, INC. MODIFIED STANDARD OPERATING PROCEDURE (SOP) NO. 11 HAND-AUGERING AND SOIL SAMPLE COLLECTION/HANDLING**

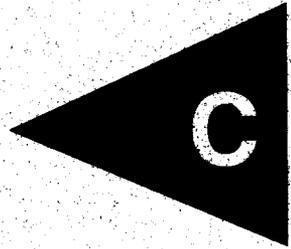
#### **Purpose**

The purpose of this SOP is to outline procedures and methods to be used to advance hand-augers and collect soil samples for chemical analyses.

#### **Hand-Augering and Soil Sample Collection/Handling Procedures**

1. Initiate boring using a hand-held 7.62 centimeter diameter stainless steel auger.
2. Advance boring to initial sample depth of approximately 0 to 0.15 m below the ground surface.
3. Transfer the soil sample from the hand auger into a plastic bag to homogenize the sample, transfer the sample from the plastic bag to a glass jar supplied by the laboratory. Label glass jar with the boring number, EA number, and sample depth.
4. Record the sample identification, time and date of sample collection, sample matrix type, turn-around time, and container type on the laboratory chain of custody.
5. Each prepared sample jar will be placed into a cooler for transport to Advanced Technology Laboratories.
6. Repeat the procedure and collect soil samples at subsequent depths as specified in the Task Order, if possible.
7. Backfill the borings to surface grade with soil cuttings generated.
8. Clean and rinse sampling equipment prior to the collection of each soil sample by washing the equipment with a trisodium phosphate solution followed by subsequent tap water and deionized water rinses.
9. Transport all samples to Advance Technology Laboratories under chain of custody control.

APPENDIX



April 01, 2002

  
Geocon Environmental  
6970 Flanders Drive  
San Diego, CA 92121  
TEL: (858) 558-6100  
FAX (858) 558-8437

ELAP No: 1838

RE: Rte. 60 (SW34) - 09100-06-32

Work Order No.: 056060

Attention: Chris King

Enclosed are the results for sample(s) received on March 25, 2002 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

  
Edgar Caballero  
Laboratory Director

APR 19 2002

This cover letter is an integral part of this analytical report.



# CHAIN OF CUSTODY RECORD

FOR LABORATORY USE ONLY:

**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

P.O.#: \_\_\_\_\_  
 Logged By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Method of Transport:  
 Walk-in  Counter   
 UPS  FED. EXP.  ATL

Sample Condition Upon Receipt:  
 1. CHILLED  4. SEALED  Y  N   
 2. HEADSPACE (VOA)  N  # OF SPLS MATCH COC Y  N   
 3. CONTAINER INTACT  N  6. PRESERVED  Y  N

Client: GEOCON ENVIRONMENTAL - SAN DIEGO  
 Address: 6970 Flanders Drive  
 City: San Diego State: CA Zip Code: 92121  
 TEL: ( 858 ) 558-6100 FAX: ( 858 ) 558-8437  
 Attn: Chris King  
 Project #: 09100-06-32  
 Project Name: Rte. 601 SW34  
 Relinquished by: (Signature and Printed Name) [Signature] Date: 3/25  
 Relinquished by: (Signature and Printed Name) [Signature] Date: 3/25  
 Relinquished by: (Signature and Printed Name) [Signature] Date: 3/25

Special Instructions/Comments:  
 Total lead 750 and <1,000mg/kg run  
 WET Citric. Wet Citric > 5mg/l run  
 WET DI. 10% of samples test pH.  
 Total lead > 1,000mg/kg run TCLP  
 Run Title 22 Metals on highest 2 leads  
 For whole grosser appropriate  
 QAIQC

Bill To:  
 Attn: Client  
 Co: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

LAB USE ONLY: Batch #:	Lab No.	Sample Description	Sample I.D.	Date	Time	Analysis(es) Requested		Matrix	Container(s)	TAT #	Type	PRESERVATION	REMARKS
						Circle or Add	Analysis(es)						
50060-001	SW34-1-5			3/25	10:45	8015M TPHD (Diss-GC)	8015M TPHD (COMBINATION)	OTHER		E1JG			
2	SW34-1-0.3			10:48		8015M TPHD (Diss-GC)	8015M TPHD (COMBINATION)	OTHER					
3	SW34-1-0.6			10:52		8015M TPHD (Diss-GC)	8015M TPHD (COMBINATION)	OTHER					
4	SW34-1-0.9			10:55		8015M TPHD (Diss-GC)	8015M TPHD (COMBINATION)	OTHER					
5	SW34-1-1.5			11:00		8015M TPHD (Diss-GC)	8015M TPHD (COMBINATION)	OTHER					
6	SW34-2-5			10:45		8015M TPHD (Diss-GC)	8015M TPHD (COMBINATION)	OTHER					
7	534-2-0.3			10:46		8015M TPHD (Diss-GC)	8015M TPHD (COMBINATION)	OTHER					
8	534-2-0.6			10:50		8015M TPHD (Diss-GC)	8015M TPHD (COMBINATION)	OTHER					
9	534-2-0.9			10:55		8015M TPHD (Diss-GC)	8015M TPHD (COMBINATION)	OTHER					
10	534-2-1.5			11:05		8015M TPHD (Diss-GC)	8015M TPHD (COMBINATION)	OTHER					

Send Report To:  
 Attn: Client  
 Co: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Preservatives:  
 H=Hcl N=HNO<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C  
 Z= \_\_\_\_\_ C= \_\_\_\_\_ JaOH \_\_\_\_\_ NasS \_\_\_\_\_

Emergency Next workday: B= \_\_\_\_\_ V=V L=L  
 TAT: A= Overnight ≤ 24 hr  
 C= Critical 2 Workdays P=PI J=Jar T=Ti  
 D= Urgent 3 Workdays I=Iedla  
 E= Routine 7 Workdays P=PI M=

\* TAT starts 8 a.m. following day if samples received after 5 p.m.





# CHAIN OF CUSTODY RECORD

## FOR LABORATORY USE ONLY:

**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

**Client:** GEOCON ENVIRONMENTAL - SAN DIEGO  
**Attn:** Chris Long  
 Address: 6970 Flanders Drive  
 City: San Diego State: CA Zip Code: 92121  
 TEL: ( 858 ) 558-6100 FAX: ( 858 ) 558-8437

**Method of Transport:**  
 Walk-in  Courier  UPS  FED. EXP.  ATL

**Sample Condition Upon Receipt:**  
 1. CHILLED Y  N  4. SEALED Y  N   
 2. HEADSPACE (VOA) Y  N  5. # OF SPLS MATCH COC Y  N   
 3. CONTAINER INTACT Y  N  6. PRESERVED Y  N

**Logged By:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Project Name:** R.R. 60 (SW34) EA002181 Project #: 09100-06-37 Sampler: (Printed Name) ESK/DAW/JAM/CCA  
**Relinquished by:** (Signature and Printed Name) [Signature] Date: 3/25 Time: 6:30 AM Received by: (Signature and Printed Name) [Signature] Date: 3-25-02 Time: 6:30 AM  
**Relinquished by:** (Signature and Printed Name) [Signature] Date: 3/25 Time: 7:15 PM Received by: (Signature and Printed Name) [Signature] Date: 3/25 Time: 7:15 PM  
**Relinquished by:** (Signature and Printed Name) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

**Send Report To:**  
 Attn: \_\_\_\_\_  
 Co: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

**Bill To:**  
 Attn: Client  
 Co: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

**Special Instructions/Comments:**  
See Page 1

LAB USE ONLY: Batch #:	Lab No.	Sample Description	Sample I.D.	Date	Time	CIRCLE APPROPRIATE MATRIX		PRESERVATION	REMARKS
						RTNE <input type="checkbox"/>	RWQCB <input type="checkbox"/>		
31		SW34-7-0.6		3/25	11:42				
32		SW34-7-0.9			11:53				
33		SW34-7-1.5			12:00				
34		SW34-8-5			11:46				
35		SW34-8-0.3			11:57				
36		SW34-8-0.6			11:59				
37		SW34-9-5			11:57				
38		SW34-9-0.3			11:54				
39		SW34-9-0.6			11:56				
40		SW34-9-0.9			11:59				

**LAB USE ONLY:**  
 TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays  
 Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal  
 Preservatives: H=HCl N=HNO<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C Z=Zn(Ac)<sub>2</sub> O=NaOH T=Na<sub>2</sub>SO<sub>3</sub>

DISTRICT IIR/N: White with rarrort Yellow to folder Pink to subfolder.

# CHAIN OF CUSTODY RECORD

FOR LABORATORY USE ONLY:



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

P.O.#: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Logged By: \_\_\_\_\_

Method of Transport  
 Walk-in  
 Courier  
 UPS  
 FED. EXP.  
 ATL

Sample Condition Upon Receipt  
 1. CHILLED Y  N  4. SEALED Y  N   
 2. HEADSPACE (VOA) Y  N  5. # OF SPLS MATCH COC Y  N   
 3. CONTAINER INTACT Y  N  6. PRESERVED Y  N

Client: GEOCON ENVIRONMENTAL - SAN DIEGO  
 Address: 6970 Flanders Drive  
 City: San Diego State: CA Zip Code: 92121  
 TEL: ( 858 ) 558-6100 FAX: ( 858 ) 558-8437

Project Name: Rec 60(SW34) - EA002101 Project # 9101-06-32 Sampler: GCA  
 Relinquished by: (Signature and Printed Name) [Signature] Date: 3/25 Time: 6:30  
 Relinquished by: (Signature and Printed Name) [Signature] Date: 3/25 Time: 7:15P  
 Relinquished by: (Signature and Printed Name) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Send Report To:  
 Attn: \_\_\_\_\_  
 Co: Client  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Bill To:  
 Attn: \_\_\_\_\_  
 Co: Client  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Special Instructions/Comments:  
See Page 1

LAB USE ONLY: Batch #	Lab No.	Sample Description	Sample I.D.	Date	Time	CIRCLE APPROPRIATE MATRIX		PRESERVATION	REMARKS
						Container(s)	Type		
41	SW34-10-S			3/25	12:08				
42	SW34-10-0.3				12:10				
43	SW34-10-0.6				12:12				
44	SW34-10-0.9				12:15				
45	SW34-11-1.5				12:20				
46	SW34-11-S				12:10				
47	SW34-11-0.3				12:12				
48	SW34-11-0.6				12:15				
49	SW34-11-0.9				12:20				
50	SW34-11-1.5				12:25				

Unless otherwise requested, all samples will be disposed 45 days after receipt.  
 \* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Sample Archive/Disposal:  
 Laboratory Standard  
 Other  
 Return To: \_\_\_\_\_

LAB USE ONLY:  
 TAT: A= Overnight ≤ 24 hr B= Emergency Next workday  
 C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays  
 J= Jar K= Lid L= Lit N= Vial O= Vial P= Plat Q= Media R= Jar S= Jar T= Jar U= Jar V= Jar W= Jar X= Jar Y= Jar Z= Jar

Preservatives:  
 H=Hcl N=HNO3 S=H2SO4 C=4'C  
 J= Jar K= Lid L= Lit N= Vial O= Vial P= Plat Q= Media R= Jar S= Jar T= Jar U= Jar V= Jar W= Jar X= Jar Y= Jar Z= Jar

# CHAIN OF CUSTODY RECORD

## FOR LABORATORY USE ONLY:

**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

**Client: GEOCON ENVIRONMENTAL - SAN DIEGO**  
 Attn: *Chris Kinoy*

Address: 6970 Flanders Drive  
 City: San Diego State: CA Zip Code: 92121  
 TEL: ( 858 ) 558-6100  
 FAX: ( 858 ) 558-8437

Method of Transport: Walk-in  Courier  UPS  FED. EXP.  ATL

Sample Condition Upon Receipt: 1. CHILLED Y  N  4. SEALED Y  N   
 2. HEADSPACE (VOA) Y  N  5. # OF SPLS MATCH COC Y  N   
 3. CONTAINER INTACT Y  N  6. PRESERVED Y  N

Project #: *60/SW34-EA00219*  
 Relinquished by: *Chris Kinoy* Date: *3/25/02* Time: *6:30*  
 Received by: *Chris Kinoy* Date: *3/25/02* Time: *6:30*  
 Relinquished by: *Chris Kinoy* Date: *3/25/02* Time: *7:15*  
 Received by: *Chris Kinoy* Date: *3/25/02* Time: *7:15*

Special Instructions/Comments: *Client see page 1*

Bill To: *Client* City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Attn: \_\_\_\_\_  
 Co: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Send Report To: *Client* City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Attn: \_\_\_\_\_  
 Co: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

I hereby authorize ATL to perform the work indicated below:  
 Project Mgr./Submitter: *Chris Kinoy* Date: *3/25*

Unless otherwise requested, all samples will be disposed 45 days after receipt.

LAB USE ONLY:  
 Batch #: \_\_\_\_\_  
 Lab No. \_\_\_\_\_

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description	Sample I.D.	Date	Time	CIRCLE APPROPRIATE MATRIX		PRESERVATION	REMARKS
						Container(s)	Type		
51		SW34-12-S	3/25	12:10					
52		SW34-12-0.3		12:15					
53		SW34-12-0.6		12:10					
54		SW38-1-S		12:51					
55		SW38-1-0.3		12:59					
56		SW38-1-0.6		104					
57		SW38-1-0.9		110					
58		SW38-1-1.5		12:55					
59		SW38-2-5		100					
60		SW38-2-0.3							

Circle or Add Analysis(es) Requested:  
 801 / 802 (Pesticides/CB-GC)  
 825 / 8270 (BNA-GCMS)  
 Metals Total (CAC-8010 / 700)  
 8015M TPH/G/TEX (COMBINATION)  
 8015M TPH/D (Diesel-GC)  
 8015M TPH/D (Diesel-GC)

Preservatives:  
 H=Hcl N=HNO<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C  
 Z=Zn(Ac)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub>

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Beaker M=Metal  
 TAT: A=Overnight (≤ 24 hr) B=Emergency Next workday  
 C=Critical 2 Workdays D=Urgent 3 Workdays E=Routine 7 Workdays  
 P=Plastic M=Metal

DISTRI BUTION: White with report Yellow in folder Pink to submitter.

# CHAIN OF CUSTODY RECORD

FOR LABORATORY USE ONLY:

**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

P.O.#: \_\_\_\_\_  
 Logged By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Method of Transport:  Walk-in  Courier  UPS  FED. EXP.  ATL

Sample Condition Upon Receipt:  1. CHILLED  2. HEADSPACE (VOA)  3. CONTAINER INTACT  4. SEALED  5. # OF SPLS MATCH COC  6. PRESERVED

Client: **GEOCON ENVIRONMENTAL - SAN DIEGO**  
 Address: 6970 Flanders Drive  
 City: San Diego State: CA Zip Code: 92121  
 TEL: ( 858 ) 558-6100 FAX: ( 858 ) 558-8497

Project Name: **Atc 60 - EA002101** Project #: **09100-06-22** Sampler: **CSB**  
 Relinquished by: (Signature and Printed Name) **[Signature]** Date: **3/25** Time: **6:30** Received by: (Signature and Printed Name) **[Signature]** Date: **3-25-02** Time: **6:30**  
 Relinquished by: (Signature and Printed Name) **[Signature]** Date: **3/25** Time: **7:15** Received by: (Signature and Printed Name) **[Signature]** Date: **3-25-02** Time: **7:15**  
 Relinquished by: (Signature and Printed Name) **[Signature]** Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: (Signature and Printed Name) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

I hereby authorize ATL to perform the work indicated below:  
 Project Mgr /Submitter: **[Signature]** Date: **3/25/02**  
 Attn: **[Signature]** City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Co: **[Signature]** Address: \_\_\_\_\_  
 Bill To: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Attn: **[Signature]**  
 Co: **[Signature]** Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Special Instructions/Comments: **See page 1**

LAB USE ONLY: Batch #:	Lab No.	Sample Description	Sample I.D.	Date	Time	CIRCLE APPROPRIATE MATRIX		CONTAINER(S)	TAT #	Type	REMARKS
						OTHER	WIFE • FILTER				
61	SW38-2-0.6			3/25	110				1	5158	★
62	SW38-2-5				1258						
63	SW38-3-0.3				140						
64	SW38-3-0.6				113						
65	SW38-4-5				121						
66	SW38-4-0.13				1:24						
67	SW38-4-0.6				1:34						
68	SW38-5-5				1:20						
69	SW38-5-0.3				1:23						
70	SW38-5-0.6				1:25						

\* TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr  
 B= Next workday  
 C= Critical 2 Workdays  
 D= Urgent 3 Workdays  
 E= Routine 7 Workdays

Preservatives: H=HCl N=HNO<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C  
 Z=Zn(Ac)<sub>2</sub> NaOH Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub>

# CHAIN OF CUSTODY RECORD

Pg 6 of 5

## FOR LABORATORY USE ONLY:

**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

P.O.#: \_\_\_\_\_  
 Logged By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Method of Transport:  
 Walk-in  
 Courier  
 UPS  
 FED. EXP.  
 ATL

Sample Condition Upon Receipt:  
 1. CHILLED  Y  N  4. SEALED  Y  N   
 2. HEADSPACE (VOA)  Y  N  5. # OF SPLS MATCH COC  Y  N   
 3. CONTAINER INTACT  Y  N  6. PRESERVED  Y  N

Client: **GEQCON ENVIRONMENTAL - SAN DIEGO**  
 Address: 6970 Flanders Drive  
 City: San Diego State: CA Zip Code: 92121  
 TEL: ( 858 ) 558-6100 FAX: ( 858 ) 558-8437

Project Name: **Rte. 60-FA 002101** Project #: **09100-06-32** Sampler: **CSA**  
 Relinquished by: (Signature and Printed Name) **[Signature]** Date: **3/25** Time: **6:30**  
 Relinquished by: (Signature and Printed Name) **[Signature]** Date: **3/25** Time: **7:15**  
 Relinquished by: (Signature and Printed Name) **[Signature]** Date: \_\_\_\_\_ Time: \_\_\_\_\_

I hereby authorize ATL to perform the work indicated below:  
 Project Mgr./Submitter: **Christy 3/25** Date: **3/25**

Bill To: **Client**  
 Attn: \_\_\_\_\_  
 Co: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Special Instructions/Comments:  
**See Page 1**

LAB USE ONLY: Batch #	Lab No.	Sample Description	Sample I.D.	Date	Time	CIRCLE APPROPRIATE MATRIX		PRESERVATION	REMARKS
						Container #	Type		
71		SW38-5-0.9		3/25	1:20				
72		SW38-5-1.5		3/25	1:30				
73		SW38-6-5			1:41				
74		SW38-6-0.3			1:44				
75		SW38-6-0.6			1:47				
76		SW38-6-0.9			1:49				
77		SW38-6-1.5			1:53				
78		SW38-7-5			1:50				
79		SW38-7-0.3			1:55				
80		SW38-7-0.6			1:56				

\* TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Next workday  
 Container Types: T=Tube V=VOA L=Liter P=Plastic M=Metal  
 Preservatives: H=HCl N=HNO<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C Z=Zn(Ac)<sub>2</sub> O=NaOH T=Na<sub>2</sub>SO<sub>4</sub>

NON-HAZARDOUS: White with report Yellow in folder Pink in submitter

# CHAIN OF CUSTODY RECORD

## FOR LABORATORY USE ONLY:

**Advanced Technologies Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

Sample Condition Upon Receipt  
 1. CHILLED Y  N  4. SEALED Y  N   
 2. HEADSPACE (VOA) Y  N  5. # OF SPLS MATCH COC Y  N   
 3. CONTAINER INTACT Y  N  6. PRESERVED Y  N

Method of Transport  
 Walk-in  Courrier   
 UPS  FED. EXP.  ATL

Logged By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Address: 6970 Flanders Drive  
 City: San Diego State: CA Zip Code: 92121  
 TEL: ( 858 ) 558-6100 FAX: ( 858 ) 558-8437

Client: **GEOCON ENVIRONMENTAL - SAN DIEGO**  
 Attn: **Chris Kings**

Project Name: **2560 EA 002101**  
 Relinquished by: (Signature and Printed Name) **[Signature]** Date: **3/25/02** Time: **6:30**  
 Received by: (Signature and Printed Name) **[Signature]** Date: **3/25** Time: **6:30**

Relinquished by: (Signature and Printed Name) **[Signature]** Date: **3/25** Time: **7:50**  
 Received by: (Signature and Printed Name) **[Signature]** Date: **3/25** Time: **7:50**

Relinquished by: (Signature and Printed Name) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Special Instructions/Comments: **See page 1**

Bill To: \_\_\_\_\_ Attn: **[Signature]**  
 Co: \_\_\_\_\_ Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Send Report To: \_\_\_\_\_ Attn: **[Signature]**  
 Co: \_\_\_\_\_ Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

LAB USE ONLY: Batch #: Lab No.	Sample Description	Sample I.D.	Date	Time	Circle or Add Analysis(es) Requested	CIRCLE APPROPRIATE MATRIX		CONTAINER(S)	TAT #	Type	REMARKS
						RTNE	RWOCB				
81	SW38-8-5	SW38-8-5	3/25	139	8081 / 8082 (Pesticides/CB-GC)						
82	SW38-8-0.3	SW38-8-0.3	3/25	149	825 / 826 (Volatiles-GCMS)						
83	SW38-8-0.6	SW38-8-0.6	3/25	157	825 / 827 (GM-GMS)						
84	SW38-9-5	SW38-9-5	3/25	200	8015M TPH/STEX (COMBINATION)						
85	SW38-9-0.3	SW38-9-0.3	3/25	203	8015M TPHD (Diesel-GC)						
86	SW38-9-0.6	SW38-9-0.6	3/25	215	825 / 827 (GM-GMS)						
87	SW38-9-0.9	SW38-9-0.9	3/25	220	825 / 827 (GM-GMS)						
88	SW38-10-5	SW38-10-5	3/25	203	825 / 827 (GM-GMS)						
89	SW38-10-0.3	SW38-10-0.3	3/25	206	825 / 827 (GM-GMS)						
90	SW38-10-0.6	SW38-10-0.6	3/25	209	825 / 827 (GM-GMS)						

LAB USE ONLY: \_\_\_\_\_

TAT: A= Overnight ≤ 24 hr  
 B= Next workday  
 C= 2 Workdays  
 D= 3 Workdays  
 E= 7 Workdays  
 P=Plg M=Jar T=I L=L V=V

Preservatives:  
 H=HCl N=HNO<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C  
 Z=Zn C<sub>2</sub> POH NaS



# CHAIN OF CUSTODY RECORD

## FOR LABORATORY USE ONLY:

**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

Sample Condition Upon Receipt  
 1. CHILLED Y  N  4. SEALED Y  N   
 2. HEADSPACE (VOA) Y  N  5. # OF SPLS MATCH COC Y  N   
 3. CONTAINER INTACT Y  N  6. PRESERVED Y  N

Method of Transport  
 Walk-in  Courrier   
 UPS  FED. EXP.  ATL

Method of Preservation  
 1. CHILLED Y  N  4. SEALED Y  N   
 2. HEADSPACE (VOA) Y  N  5. # OF SPLS MATCH COC Y  N   
 3. CONTAINER INTACT Y  N  6. PRESERVED Y  N

P.O.#: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Logged By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Address: 6970 Flanders Drive  
 City: San Diego State: CA Zip Code: 92121 FAX: ( 858 ) 558-8437  
 (Signature)

Client: GEOCON ENVIRONMENTAL - SAN DIEGO  
 Attn: Chris King  
 Project Name: He. 60-FA002101 Project #: 09100-06-32 Sampler: SCA  
 Relinquished by: (Signature and Printed Name) Chris King Date: 3/25 Time: 6:30 Received by: (Signature and Printed Name) Client  
 Relinquished by: (Signature and Printed Name) Chris King Date: 3/25 Time: 7:15 Received by: (Signature and Printed Name) Client  
 Relinquished by: (Signature and Printed Name) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: (Signature and Printed Name) \_\_\_\_\_

Special Instructions/Comments: See Page 1

Bill To: \_\_\_\_\_ Attn: Client  
 Co: \_\_\_\_\_ Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Circle or Add Analysts(es) Requested: \_\_\_\_\_

Sample Archive/Disposal:  
 Laboratory Standard  
 Other  
 Return To: \_\_\_\_\_  
 \* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

LAB USE ONLY: Batch #: Lab No.	Sample Description	Sample I.D.	Date Time		TAT	Type	Container(s)	PRESERVATION	REMARKS
			Date	Time					
101	SW 40-1-S		3/25	3:00					
102	SW 40-1-0.3			3:05					
103	SW 40-1-0.6			3:08					
104	SW 40-2-S			3:09					
105	SW 40-2-0.3			3:07					
106	SW 40-2-0.6			3:12					
107	SW 40-2-0.9			3:17					
108	SW 40-2-1.5			3:20					
109	SW 40-3-5			3:18					
110	SW 40-3-0.3			3:10					

Circle APPROPRIATE MATRIX  
 WIFE • FILTER  
 AIR • DRINKING WATER  
 WATER • WASTEWATER  
 OIL • SOLVENT • LIQUID  
 SOLID • SLUDGE

QA/QC  
 RTNE  RWOCB  WIP  NAVY  CT  OTHER

Preservatives:  
 H=HCl N=HNO<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C  
 Z=Zn(OH)<sub>2</sub> Na=NaOH

Emergency Next workday: V=V L=L  
 TAT: A= Overnight ≤ 24 hr B= Next workday  
 C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays  
 P=Plastic Jar T=Jar F=Jar G=Glar J=Jar M=M Jar

# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

### FOR LABORATORY USE ONLY:

Method of Transport  
 Walk-in  
 Courier  
 UPS  
 FED. EXP.  
 ATL

Sample Condition Upon Receipt  
 1. CHILLED  Y  N  4. SEALED  Y  N   
 2. HEADSPACE (VOA)  Y  N  5. # OF SPLS MATCH COC  Y  N   
 3. CONTAINER INTACT  Y  N  6. PRESERVED  Y  N

Client: GEOCON ENVIRONMENTAL - SAN DIEGO  
 Address: 6970 Flanders Drive  
 City: San Diego State: CA Zip Code: 92121  
 TEL: ( 858 ) 558-6100  
 FAX: ( 858 ) 558-8437

Project Name: Rec 80-ED0022A Project # 9100-06-32 Sampler: gca  
 Relinquished by: (Signature and Printed Name) Chris King Date: 3/25 Time: 6:30  
 Relinquished by: (Signature and Printed Name) WKS Date: 3/25 Time: 6:30  
 Relinquished by: (Signature and Printed Name) WKS Date: 3/25 Time: 6:30

Method of Transport  
 Walk-in  
 Courier  
 UPS  
 FED. EXP.  
 ATL

Logged By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Address: 6970 Flanders Drive  
 City: San Diego State: CA Zip Code: 92121  
 TEL: ( 858 ) 558-6100  
 FAX: ( 858 ) 558-8437

Bill To:  
 Attn: Client  
 Co: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Special Instructions/Comments:  
See Page 1

Send Report To:  
 Attn: Client  
 Co: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Project Mgr./Submitter:  
 Print Name: CBK Date: 3/25  
 Signature: \_\_\_\_\_

LAB USE ONLY: Batch #	Lab No.	Sample Description	Date	Time	Circle or Add Analysis(es) Requested	CIRCLE APPROPRIATE MATRIX										PRESERVATION	Q.A./Q.C.	REMARKS		
						891 / 892 (pesticides/CB-GC)	820 (Volatiles-GCMS)	825 / 8270 (BNA-GCMS)	8015M THQ/PTX (COMBINATION)	8015M THPD (Heads-GC)	Oil • Solvent • Liquid	Water • Wastewater	Drinking Water	Air • Filter	Other				TAT #	Type
111	SW40-3-0.6		3/25	3:16																
112	SW40-3-0.9		3/25	3:17																
113	SW40-3-1.5		3/20	3:20																
114	SW40-4-5		3/20	3:20																
115	SW40-4-0.3		3/20	3:20																
116	SW40-5-5		3/25	3:25																
117	SW40-5-6.3		3/27	3:27																
118	SW40-5-0.6		3/22	3:22																
119	SW40-5-0.9		3/22	3:22																
120	SW40-6-5		3/30	3:30																

Emergency Next workday: B=  
 Overnight ≤ 24 hr: A=  
 TAT: A= B= C= D= E= F= G= H= I= J= K= L= M= N= O= P= Q= R= S= T= U= V= W= X= Y= Z=

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass F=Plastic M=Metal  
 Routine: E=7 Workdays  
 Urgent: D=3 Workdays  
 Critical: C=2 Workdays

Preservatives:  
 H=HCl N=HNO<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C  
 Z=Zn(Ac)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

# CHAIN OF CUSTODY RECORD

## FOR LABORATORY USE ONLY:

**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

Client: **GEOCON ENVIRONMENTAL - SAN DIEGO**  
 Attn: **Chris King**

Project Name: **Rte 60 - EA 0210** Project #: **9100-06-32** Sampler: **GCA**

Relinquished by: (Signature and Printed Name) **[Signature]** Date: **3/23** Time: **6:30**

Relinquished by: (Signature and Printed Name) **[Signature]** Date: **7:15** Time: **7:15**

Relinquished by: (Signature and Printed Name) **[Signature]** Date: **7:15** Time: **7:15**

Relinquished by: (Signature and Printed Name) **[Signature]** Date: **7:15** Time: **7:15**

Method of Transport:  
 Walk-in  Courier  UPS  FED. EXP.  ATL

Sample Condition Upon Receipt:  
 1. CHILLED Y  N  4. SEALED Y  N   
 2. HEADSPACE (VOA) Y  N  5. # OF SPLS MATCH COC Y  N   
 3. CONTAINER INTACT Y  N  6. PRESERVED Y  N

Address: 6970 Flanders Drive  
 City: San Diego State: CA Zip Code: 92121  
 TEL: ( 858 ) 558-6100 FAX: ( 858 ) 558-8437

Special Instructions/Comments:  
**See Paged**

Bill To: **Client** Attn: **[Signature]** Co: **[Signature]** Address: **[Signature]** City: **[Signature]** State: **[Signature]** Zip: **[Signature]**

Send Report To: **Client** Attn: **[Signature]** Co: **[Signature]** Address: **[Signature]** City: **[Signature]** State: **[Signature]** Zip: **[Signature]**

Circle or Add Analysis(es) Requested:  
 809 / 802 (pesticides/PCB-GC)   
 820 (Volatiles-GCMS)   
 825 / 8270 (BNA-GCMS)   
 Metals-Total (CAC-8010 / 7000)   
 8015M TPH/8TEX (COMBINATION)   
 8015M TPH/D (leak-GC)   
 8015M TPH/10K   
 8015M TPH/10K

LAB USE ONLY: Batch #: Lab No.	Sample Description	Sample I.D.	Date	Time	CIRCLE APPROPRIATE MATRIX		RESERVATION	REMARKS
					Container(s)	Type		
121	SW 40-6-0.3		3/26	3:31			E 1 JIG	
122	SW 40-6-0.6			3:36				
123	SW 40-7-5			3:31				
124	SW 40-7-0.3			3:32				
125	SW 40-7-0.6			3:36				
126	SW 40-7-0.9			3:49				
127	SW 40-8-5			3:30				
128	SW 40-8-0.3			3:35				
129	SW 40-9-5			3:49				
130	SW 40-9-0.3			3:45				

LAB USE ONLY:  
 TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays  
 C= per TX T= per TX V= per TX L= per TX P= per TX M= per TX

Preservatives:  
 H=Hcl N=HNO<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C  
 Z=Zn(Ac)<sub>2</sub> NaOH Na<sub>2</sub>S

\* TAT starts 8 a.m. following day if samples received after 5 p.m.

**Advanced Technology Laboratories**

Print Date: 01-Apr-02

<b>CLIENT:</b> Geocon Environmental	<b>Test No:</b> EPA 6010B
<b>Lab Order:</b> 056060	<b>Units:</b> mg/Kg
<b>Project:</b> Rte. 60 (SW34) - 09100-06-32	<b>Analyst:</b> RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056060-001A	SW34-1-S	Soil	3/25/02	8052	71	5	1	1	3/30/02
056060-002A	SW34-1-0.3	Soil	3/25/02	8052	18	5	1	1	3/30/02
056060-003A	SW34-1-0.6	Soil	3/25/02	8052	9.8	5	1	1	3/30/02
056060-004A	SW34-1-0.9	Soil	3/25/02	8052	6.1	5	1	1	3/30/02
056060-005A	SW34-1-1.5	Soil	3/25/02	8052	ND	5	1	1	3/30/02
056060-006A	SW34-2-S	Soil	3/25/02	8052	24	5	1	1	3/30/02
056060-007A	SW34-2-0.3	Soil	3/25/02	8052	19	5	1	1	3/30/02
056060-008A	SW34-2-0.6	Soil	3/25/02	8052	11	5	1	1	3/30/02
056060-009A	SW34-2-0.9	Soil	3/25/02	8052	15	5	1	1	3/30/02
056060-010A	SW34-2-1.5	Soil	3/25/02	8052	5.6	5	1	1	3/30/02
056060-011A	SW34-3-S	Soil	3/25/02	8052	110	5	1	1	3/30/02
056060-012A	SW34-3-0.3	Soil	3/25/02	8052	110	5	1	1	3/30/02

<b>Qualifiers:</b> ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interference.	<b>Initials:</b> 
J - Analyte detected below quantitation limits	H - Samples exceeding analytical holding time	
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	
DO - Surrogate Diluted Out	M - Not Monitored. Highly Reactive	

**Advanced Technology Laboratories**

Print Date: 01-Apr-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 056060  
**Project:** Rte. 60 (SW34) - 09100-06-32

**Test No:** EPA 6010B  
**Units:** mg/Kg  
**Analyst:** RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056060-013A	SW34-3-0.6	Soil	3/25/02	8052	81	5		1	3/30/02
056060-014A	SW34-4-S	Soil	3/25/02	8052	37	5		1	3/30/02
056060-015A	SW34-4-0.3	Soil	3/25/02	8052	45	5		1	3/30/02
056060-016A	SW34-4-0.6	Soil	3/25/02	8052	5.3	5		1	3/30/02
056060-017A	SW34-4-0.9	Soil	3/25/02	8052	ND	5		1	3/30/02
056060-018A	SW34-4-1.5	Soil	3/25/02	8052	7.5	5		1	3/30/02
056060-019A	SW34-5-S	Soil	3/25/02	8052	100	5		1	3/30/02
056060-020A	SW34-5-0.3	Soil	3/25/02	8052	130	5		1	3/30/02
056060-021A	SW34-5-0.6	Soil	3/25/02	8053	31	5		1	3/30/02
056060-022A	SW34-5-0.9	Soil	3/25/02	8053	10	5		1	3/30/02
056060-023A	SW34-5-1.5	Soil	3/25/02	8053	5.9	5		1	3/30/02
056060-024A	SW34-6-S	Soil	3/25/02	8053	9.5	5		1	3/30/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

Initials:     



# Advanced Technology Laboratories

Print Date: 01-Apr-02

CLIENT: Geocon Environmental  
 Lab Order: 056060  
 Project: Rte. 60 (SW34) - 09100-06-32

Test No: EPA 6010B  
 Units: mg/Kg  
 Analyst: RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056060-025A	SW34-6-0.3	Soil	3/25/02	8053	ND	5		1	3/30/02
056060-026A	SW34-6-0.6	Soil	3/25/02	8053	ND	5		1	3/30/02
056060-027A	SW34-6-0.9	Soil	3/25/02	8053	5.2	5		1	3/30/02
056060-028A	SW34-6-1.5	Soil	3/25/02	8053	ND	5		1	3/30/02
056060-029A	SW34-7-S	Soil	3/25/02	8053	120	5		1	3/30/02
056060-030A	SW34-7-0.3	Soil	3/25/02	8053	7.7	5		1	3/30/02
056060-031A	SW34-7-0.6	Soil	3/25/02	8053	8.0	5		1	3/30/02
056060-032A	SW34-7-0.9	Soil	3/25/02	8053	5.9	5		1	3/30/02
056060-033A	SW34-7-1.5	Soil	3/25/02	8053	27	5		1	3/30/02
056060-034A	SW34-8-S	Soil	3/25/02	8053	69	5		1	3/30/02
056060-035A	SW34-8-0.3	Soil	3/25/02	8053	5.5	5		1	3/30/02
056060-036A	SW34-8-0.6	Soil	3/25/02	8053	12	5		1	3/30/02

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

Initials: 

3



**Advanced Technology Laboratories**

Print Date: 01-Apr-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 056060  
**Project:** Rte. 60 (SW34) - 09100-06-32

**Test No:** EPA 6010B  
**Units:** mg/Kg  
**Analyst:** RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056060-037A	SW34-9-S	Soil	3/25/02	8053	130	5	1		3/30/02
056060-038A	SW34-9-0.3	Soil	3/25/02	8053	ND	5	1		3/30/02
056060-039A	SW34-9-0.6	Soil	3/25/02	8053	7.7	5	1		3/30/02
056060-040A	SW34-9-0.9	Soil	3/25/02	8053	ND	5	1		3/30/02
056060-041A	SW34-10-S	Soil	3/25/02	8054	53	5	1		3/30/02
056060-042A	SW34-10-0.3	Soil	3/25/02	8054	10	5	1		3/30/02
056060-043A	SW34-10-0.6	Soil	3/25/02	8054	8.7	5	1		3/30/02
056060-044A	SW34-10-0.9	Soil	3/25/02	8054	7.8	5	1		3/30/02
056060-045A	SW34-10-1.5	Soil	3/25/02	8054	ND	5	1		3/30/02
056060-046A	SW34-11-S	Soil	3/25/02	8054	30	5	1		3/30/02
056060-047A	SW34-11-0.3	Soil	3/25/02	8054	7.3	5	1		3/30/02
056060-048A	SW34-11-0.6	Soil	3/25/02	8054	6.9	5	1		3/30/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

Initials:

**Advanced Technology Laboratories**

Print Date: 01-Apr-02

<b>CLIENT:</b>	Geocon Environmental	<b>Test No:</b>	EPA 6010B
<b>Lab Order:</b>	056060	<b>Units:</b>	mg/Kg
<b>Project:</b>	Rte. 60 (SW34) - 09100-06-32	<b>Analyst:</b>	RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056060-049A	SW34-11-0.9	Soil	3/25/02	8054	6.6	5	1		3/30/02
056060-050A	SW34-11-1.5	Soil	3/25/02	8054	ND	5	1		3/30/02
056060-051A	SW34-12-S	Soil	3/25/02	8054	55	5	1		3/30/02
056060-052A	SW34-12-0.3	Soil	3/25/02	8054	39	5	1		3/30/02
056060-053A	SW34-12-0.6	Soil	3/25/02	8054	18	5	1		3/30/02
056060-054A	SW38-1-S	Soil	3/25/02	8054	130	5	1		3/30/02
056060-055A	SW38-1-0.3	Soil	3/25/02	8054	7.0	5	1		3/30/02
056060-056A	SW38-1-0.6	Soil	3/25/02	8054	8.3	5	1		3/30/02
056060-057A	SW38-1-0.9	Soil	3/25/02	8054	7.2	5	1		3/30/02
056060-058A	SW38-1-1.5	Soil	3/25/02	8054	20	5	1		3/30/02
056060-059A	SW38-2-S	Soil	3/25/02	8054	37	5	1		3/30/02
056060-060A	SW38-2-0.3	Soil	3/25/02	8054	6.9	5	1		3/30/02

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interference.
	J - Analyte detected below quantitation limits	H - Samples exceeding analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	M - Not Monitored. Highly Reactive

**Initials:** 

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# Advanced Technology Laboratories

Print Date: 01-Apr-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 056060  
**Project:** Rte. 60 (SW34) - 09100-06-32

**Test No:** EPA 6010B  
**Units:** mg/Kg  
**Analyst:** RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056060-061A	SW38-2-0.6	Soil	3/25/02	8055	14	5		1	3/30/02
056060-062A	SW38-3-S	Soil	3/25/02	8055	130	5		1	3/30/02
056060-063A	SW38-3-0.3	Soil	3/25/02	8055	6.9	5		1	3/30/02
056060-064A	SW38-3-0.6	Soil	3/25/02	8055	66	5		1	3/30/02
056060-065A	SW38-4-S	Soil	3/25/02	8055	120	5		1	3/30/02
056060-066A	SW38-4-0.3	Soil	3/25/02	8055	20	5		1	3/30/02
056060-067A	SW38-4-0.6	Soil	3/25/02	8055	56	5		1	3/30/02
056060-068A	SW38-5-S	Soil	3/25/02	8055	56	5		1	3/30/02
056060-069A	SW38-5-0.3	Soil	3/25/02	8055	23	5		1	3/30/02
056060-070A	SW38-5-0.6	Soil	3/25/02	8055	6.6	5		1	3/30/02
056060-071A	SW38-5-0.9	Soil	3/25/02	8055	5.8	5		1	3/30/02
056060-072A	SW38-5-1.5	Soil	3/25/02	8055	10	5		1	3/30/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

Initials:           

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**Advanced Technology Laboratories**

Print Date: 01-Apr-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 056060  
**Project:** Rte. 60 (SW34) - 09100-06-32

**Test No:** EPA 6010B  
**Units:** mg/Kg  
**Analyst:** RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056060-073A	SW38-6-S	Soil	3/25/02	8055	74	5		1	3/30/02
056060-074A	SW38-6-0.3	Soil	3/25/02	8055	6.2	5		1	3/30/02
056060-075A	SW38-6-0.6	Soil	3/25/02	8055	ND	5		1	3/30/02
056060-076A	SW38-6-0.9	Soil	3/25/02	8055	ND	5		1	3/30/02
056060-077A	SW38-6-1.5	Soil	3/25/02	8055	ND	5		1	3/30/02
056060-078A	SW38-7-S	Soil	3/25/02	8055	83	5		1	3/30/02
056060-079A	SW38-7-0.3	Soil	3/25/02	8055	8.5	5		1	3/30/02
056060-080A	SW38-7-0.6	Soil	3/25/02	8055	7.5	5		1	3/30/02
056060-081A	SW38-8-S	Soil	3/25/02	8056	48	5		1	4/1/02
056060-082A	SW38-8-0.3	Soil	3/25/02	8056	5.8	5		1	4/1/02
056060-083A	SW38-8-0.6	Soil	3/25/02	8056	6.8	5		1	4/1/02
056060-084A	SW38-9-S	Soil	3/25/02	8056	140	5		1	4/1/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

Initials: 



# Advanced Technology Laboratories

Print Date: 01-Apr-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 056060  
**Project:** Rte. 60 (SW34) - 09100-06-32

**Test No:** EPA 6010B  
**Units:** mg/Kg  
**Analyst:** RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056060-085A	SW38-9-0.3	Soil	3/25/02	8056	11	5	1	1	4/1/02
056060-086A	SW38-9-0.6	Soil	3/25/02	8056	15	5	1	1	4/1/02
056060-087A	SW38-9-0.9	Soil	3/25/02	8056	8.8	5	1	1	4/1/02
056060-088A	SW38-10-S	Soil	3/25/02	8056	80	5	1	1	4/1/02
056060-089A	SW38-10-0.3	Soil	3/25/02	8056	37	5	1	1	4/1/02
056060-090A	SW38-10-0.6	Soil	3/25/02	8056	10	5	1	1	4/1/02
056060-091A	SW38-10-0.9	Soil	3/25/02	8056	930	5	1	1	4/1/02
056060-092A	SW38-10-1.5	Soil	3/25/02	8056	8.5	5	1	1	4/1/02
056060-093A	SW38-11-S	Soil	3/25/02	8056	190	5	1	1	4/1/02
056060-094A	SW38-11-0.3	Soil	3/25/02	8056	110	5	1	1	4/1/02
056060-095A	SW38-12-S	Soil	3/25/02	8056	48	5	1	1	4/1/02
056060-096A	SW38-12-0.3	Soil	3/25/02	8056	8.1	5	1	1	4/1/02

**Qualifiers:** ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.

H - Samples exceeding analytical holding time

E - Value above quantitation range

M - Not Monitored. Highly Reactive

**Initials:** 

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**Advanced Technology Laboratories**

Print Date: 01-Apr-02

<b>CLIENT:</b>	Geocon Environmental	<b>Test No:</b>	EPA 6010B
<b>Lab Order:</b>	056060	<b>Units:</b>	mg/Kg
<b>Project:</b>	Rte. 60 (SW34) - 09100-06-32	<b>Analyst:</b>	RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056060-097A	SW38-13-S	Soil	3/25/02	8056	32	5	1		4/1/02
056060-098A	SW38-13-0.3	Soil	3/25/02	8056	5.9	5	1		4/1/02
056060-099A	SW38-13-0.6	Soil	3/25/02	8056	ND	5	1		4/1/02
056060-100A	SW38-13-0.9	Soil	3/25/02	8056	ND	5	1		4/1/02
056060-101A	SW40-1-S	Soil	3/25/02	8057	210	5	1		4/1/02
056060-102A	SW40-1-0.3	Soil	3/25/02	8057	32	5	1		4/1/02
056060-103A	SW40-1-0.6	Soil	3/25/02	8057	ND	5	1		4/1/02
056060-104A	SW40-2-S	Soil	3/25/02	8057	69	5	1		4/1/02
056060-105A	SW40-2-0.3	Soil	3/25/02	8057	12	5	1		4/1/02
056060-106A	SW40-2-0.6	Soil	3/25/02	8057	12	5	1		4/1/02
056060-107A	SW40-2-0.9	Soil	3/25/02	8057	5.5	5	1		4/1/02
056060-108A	SW40-2-1.5	Soil	3/25/02	8057	9.3	5	1		4/1/02

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interference.	
	J - Analyte detected below quantitation limits	H - Samples exceeding analytical holding time	<b>Initials:</b> <u>RQ</u>
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	
	DO - Surrogate Diluted Out	M - Not Monitored. Highly Reactive	9



# Advanced Technology Laboratories

Print Date: 01-Apr-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 056060  
**Project:** Rte. 60 (SW34) - 09100-06-32

**Test No:** EPA 6010B  
**Units:** mg/Kg  
**Analyst:** RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056060-109A	SW40-3-S	Soil	3/25/02	8057	220	5	1	1	4/1/02
056060-110A	SW40-3-0.3	Soil	3/25/02	8057	7.1	5	1	1	4/1/02
056060-111A	SW40-3-0.6	Soil	3/25/02	8057	10	5	1	1	4/1/02
056060-112A	SW40-3-0.9	Soil	3/25/02	8057	ND	5	1	1	4/1/02
056060-113A	SW40-3-1.5	Soil	3/25/02	8057	8.3	5	1	1	4/1/02
056060-114A	SW40-4-S	Soil	3/25/02	8057	1400	5	1	1	4/1/02
056060-115A	SW40-4-0.3	Soil	3/25/02	8057	50	5	1	1	4/1/02
056060-116A	SW40-5-S	Soil	3/25/02	8057	310	5	1	1	4/1/02
056060-117A	SW40-5-0.3	Soil	3/25/02	8057	13	5	1	1	4/1/02
056060-118A	SW40-5-0.6	Soil	3/25/02	8057	7.1	5	1	1	4/1/02
056060-119A	SW40-5-0.9	Soil	3/25/02	8057	ND	5	1	1	4/1/02
056060-120A	SW40-6-S	Soil	3/25/02	8057	1500	5	1	1	4/1/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

Initials: 

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**Advanced Technology Laboratories**

Print Date: 01-Apr-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 056060  
**Project:** Rte. 60 (SW34) - 09100-06-32

**Test No:** EPA 6010B  
**Units:** mg/Kg  
**Analyst:** RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056060-121A	SW40-6-0.3	Soil	3/25/02	8058	110	5		1	4/1/02
056060-122A	SW40-6-0.6	Soil	3/25/02	8058	250	5		1	4/1/02
056060-123A	SW40-7-S	Soil	3/25/02	8058	1600	5		1	4/1/02
056060-124A	SW40-7-0.3	Soil	3/25/02	8058	130	5		1	4/1/02
056060-125A	SW40-7-0.6	Soil	3/25/02	8058	12	5		1	4/1/02
056060-126A	SW40-7-0.9	Soil	3/25/02	8058	9.4	5		1	4/1/02
056060-127A	SW40-8-S	Soil	3/25/02	8058	810	5		1	4/1/02
056060-128A	SW40-8-0.3	Soil	3/25/02	8058	190	5		1	4/1/02
056060-129A	SW40-9-S	Soil	3/25/02	8058	1300	5		1	4/1/02
056060-130A	SW40-9-0.3	Soil	3/25/02	8058	270	5		1	4/1/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out  
 S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

Initials:           



# Advanced Technology Laboratories

Print Date: 01-Apr-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 056060  
**Project:** Rte. 60 (SW34) - 09100-06-32

**Test No:** EPA 9045C  
**Units:** pH Units  
**Analyst:** CA

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	pH	PQL	Qual	DF	Analysis Date
056060-001A	SW34-1-S	Soil	3/25/02	R16582	6.89	0.1		1	3/28/02
056060-011A	SW34-3-S	Soil	3/25/02	R16582	5.13	0.1		1	3/28/02
056060-021A	SW34-5-0.6	Soil	3/25/02	R16582	6.78	0.1		1	3/28/02
056060-031A	SW34-7-0.6	Soil	3/25/02	R16583	7.03	0.1		1	3/28/02
056060-041A	SW34-10-S	Soil	3/25/02	R16583	7.07	0.1		1	3/28/02
056060-051A	SW34-12-S	Soil	3/25/02	R16583	6.47	0.1		1	3/28/02
056060-061A	SW38-2-0.6	Soil	3/25/02	R16583	6.45	0.1		1	3/28/02
056060-071A	SW38-5-0.9	Soil	3/25/02	R16583	8.03	0.1		1	3/28/02
056060-081A	SW38-8-S	Soil	3/25/02	R16583	8.46	0.1		1	3/28/02
056060-091A	SW38-10-0.9	Soil	3/25/02	R16583	6.34	0.1		1	3/28/02
056060-101A	SW40-1-S	Soil	3/25/02	R16583	7.91	0.1		1	3/28/02
056060-111A	SW40-3-0.6	Soil	3/25/02	R16583	6.98	0.1		1	3/28/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

Initials:     



# Advanced Technology Laboratories

Print Date: 01-Apr-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 056060  
**Project:** Rte. 60 (SW34) - 09100-06-32

**Test No:** EPA 9045C  
**Units:** pH Units  
**Analyst:** CA

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	pH	PQL	Qual	DF	Analysis Date
056060-121A	SW40-6-0.3	Soil	3/25/02	R16583	7.46	0.1		1	3/28/02

**Qualifiers:** ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.

H - Samples exceeding analytical holding time

E - Value above quantitation range

M - Not Monitored. Highly Reactive

**Initials:** 

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Advanced Technology Laboratories

Date: 01-Apr-02

CLIENT: Geocon Environmental  
 Work Order: 056060  
 Project: Rte. 60 (SW34) - 09100-06-32

QC SUMMARY REPORT  
 Method Blank

Sample ID	MB-8052A	Batch ID:	8052	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/30/02	Prep Date:	3/26/02			
MBLK		SeqNo:	255410										
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		ND		5.0		0				0			

Sample ID	MB-8052B	Batch ID:	8052	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/30/02	Prep Date:	3/26/02			
MBLK		SeqNo:	255411										
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		ND		5.0		0				0			

Sample ID	MB-8053A	Batch ID:	8053	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/30/02	Prep Date:	3/26/02			
MBLK		SeqNo:	255439										
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		ND		5.0		0				0			

Sample ID	MB-8053B	Batch ID:	8053	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/30/02	Prep Date:	3/26/02			
MBLK		SeqNo:	255440										
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		ND		5.0		0				0			

Sample ID	MB-8054A	Batch ID:	8054	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/30/02	Prep Date:	3/26/02			
MBLK		SeqNo:	255468										
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		ND		5.0		0				0			

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 M - Not Monitored. Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference  
 DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.



**CLIENT:** Geocon Environmental  
**Work Order:** 056060  
**Project:** Rte. 60 (SW34) - 09100-06-32

**QC SUMMARY REPORT**  
Method Blank

**Sample ID MB-8054B** Batch ID: 8054 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/30/02 Prep Date: 3/26/02  
**MBLK** SeqNo: 255469

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0	0	0				0			

**Sample ID MB-8055A** Batch ID: 8055 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/30/02 Prep Date: 3/26/02  
**MBLK** SeqNo: 255530

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0	0	0				0			J

**Sample ID MB-8055B** Batch ID: 8055 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/30/02 Prep Date: 3/26/02  
**MBLK** SeqNo: 255531

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0	0	0				0			

**Sample ID MB-8056A** Batch ID: 8056 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 4/1/02 Prep Date: 3/26/02  
**MBLK** SeqNo: 255633

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0	0	0				0			

**Sample ID MB-8056B** Batch ID: 8056 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 4/1/02 Prep Date: 3/26/02  
**MBLK** SeqNo: 255634

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0	0	0				0			

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
M - Not Monitored. Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference

DO - Surrogate Diluted Out

Initials:           

All calculations are based on raw values.



CLIENT: Geocon Environmental  
Work Order: 056060  
Project: Rte. 60 (SW34) - 09100-06-32

**QC SUMMARY REPORT**  
Method Blank

Sample ID **MB-8057A** Batch ID: **8057** Test Name **LEAD BY ICP** Units mg/Kg Analysis Date: **4/1/02** Prep Date: **3/26/02**  
**MBLK** SeqNo: **255679**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0	0	0				0			

Sample ID **MB-8057B** Batch ID: **8057** Test Name **LEAD BY ICP** Units mg/Kg Analysis Date: **4/1/02** Prep Date: **3/26/02**  
**MBLK** SeqNo: **255680**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0	0	0				0			

Sample ID **MB-8058** Batch ID: **8058** Test Name **LEAD BY ICP** Units mg/Kg Analysis Date: **4/1/02** Prep Date: **3/26/02**  
**MBLK** SeqNo: **255727**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0	0	0				0			

Qualifiers: ND - Not Detected at the Reporting Limit B - Analyte detected in the associated Method Blank DO - Surrogate Diluted Out Initials:             
 J - Analyte detected below quantitation limits M - Not Monitored Highly Reactive  
 R - RPD outside accepted recovery limits S - Spike/Surrogate outside of limits due to matrix interference

All calculations are based on raw values.



Advanced Technology Laboratories

Date: 01-Apr-02

CLIENT: Geocon Environmental  
Work Order: 056060  
Project: Rte. 60 (SW34) - 09100-06-32

QC SUMMARY REPORT  
Sample Duplicate

Sample ID	056060-010ADU	Batch ID:	8052	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/30/02	Prep Date:	3/26/02	
DUP						SeqNo:	255394				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	6.6	5.0	0	0	0	0	0	5.6	16	30	

Sample ID	056060-020ADU	Batch ID:	8052	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/30/02	Prep Date:	3/26/02	
DUP						SeqNo:	255406				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	95	5.0	0	0	0	0	0	130	32	30	R

Sample ID	056060-030ADU	Batch ID:	8053	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/30/02	Prep Date:	3/26/02	
DUP						SeqNo:	255423				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	8.3	5.0	0	0	0	0	0	7.7	7	30	

Sample ID	056060-040ADU	Batch ID:	8053	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/30/02	Prep Date:	3/26/02	
DUP						SeqNo:	255435				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3	5.0	0	0	0	0	0	3.9	11	30	J

Sample ID	056060-050ADU	Batch ID:	8054	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/30/02	Prep Date:	3/26/02	
DUP						SeqNo:	255452				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	6.8	5.0	0	0	0	0	0	4.8	35	30	R

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 M - Not Monitored. Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference  
 DO - Surrogate Diluted Out

Initials:            4

All calculations are based on raw values.



CLIENT: Geocon Environmental

Work Order: 056060

Project: Rte. 60 (SW34) - 09100-06-32

# QC SUMMARY REPORT

Sample Duplicate

Sample ID 056060-060ADU Batch ID: 8054 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/30/02 Prep Date: 3/26/02

DUP

SeqNo: 255464

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	7.5	5.0	0	0	0	0	0	6.9	9	30	

Sample ID 056060-070ADU Batch ID: 8055 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/30/02 Prep Date: 3/26/02

DUP

SeqNo: 255514

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.1	5.0	0	0	0	0	0	6.6	26	30	

Sample ID 056060-080ADU Batch ID: 8055 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/30/02 Prep Date: 3/26/02

DUP

SeqNo: 255526

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	7	5.0	0	0	0	0	0	7.5	6	30	

Sample ID 056060-090ADU Batch ID: 8056 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 4/1/02 Prep Date: 3/26/02

DUP

SeqNo: 255616

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	20	5.0	0	0	0	0	0	10	65	30	R

Sample ID 056060-100ADU Batch ID: 8056 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 4/1/02 Prep Date: 3/26/02

DUP

SeqNo: 255628

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2	5.0	0	0	0	0	0	2.4	5	30	J

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

M - Not Monitored. Highly Reactive

S - Spike/Surrogate outside of limits due to matrix interference

DO - Surrogate Diluted Out

Initials:           

All calculations are based on raw values.



CLIENT: Geocon Environmental  
Work Order: 056060  
Project: Rte. 60 (SW34) - 09100-06-32

**QC SUMMARY REPORT**  
Sample Duplicate

Sample ID 056060-110ADU Batch ID: 8057 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 4/1/02 Prep Date: 3/26/02  
SeqNo: 255661

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	6.7	5.0	0	0	0	0	0	7.1	6	30	

Sample ID 056060-120ADU Batch ID: 8057 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 4/1/02 Prep Date: 3/26/02  
SeqNo: 255673

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1100	5.0	0	0	0	0	0	1500	29	30	

Sample ID 056060-130ADU Batch ID: 8058 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 4/1/02 Prep Date: 3/26/02  
SeqNo: 255722

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	350	5.0	0	0	0	0	0	270	27	30	

Sample ID 056060-021ADU Batch ID: R16582 Test Name pH Units pH Uni Analysis Date: 3/28/02 Prep Date: 3/28/02  
SeqNo: 254783

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	6.9	0.10	0	0	0	0	0	6.8	2	20	

Sample ID 056060-121ADU Batch ID: R16583 Test Name pH Units pH Uni Analysis Date: 3/28/02 Prep Date: 3/28/02  
SeqNo: 254797

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	7.3	0.10	0	0	0	0	0	7.5	2	20	

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
M - Not Monitored, Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference

DO - Surrogate Diluted Out

Initials:           

All calculations are based on raw values.



Advanced Technology Laboratories

Date: 01-Apr-02

CLIENT: Geocon Environmental

Work Order: 056060

Project: Rte. 60 (SW34) - 09100-06-32

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID 056060-010AMS Batch ID: 8052 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/30/02 Prep Date: 3/26/02  
MS SeqNo: 255395

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	220	5.0	250	5.6	87	47	128	0			

Sample ID 056060-020AMS Batch ID: 8052 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/30/02 Prep Date: 3/26/02  
MS SeqNo: 255407

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	340	5.0	250	130	83	47	128	0			

Sample ID 056060-030AMS Batch ID: 8053 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/30/02 Prep Date: 3/26/02  
MS SeqNo: 255424

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	230	5.0	250	7.7	91	47	128	0			

Sample ID 056060-040AMS Batch ID: 8053 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/30/02 Prep Date: 3/26/02  
MS SeqNo: 255436

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	220	5.0	250	3.9	88	47	128	0			

Sample ID 056060-050AMS Batch ID: 8054 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/30/02 Prep Date: 3/26/02  
MS SeqNo: 255453

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	210	5.0	250	4.8	83	47	128	0			

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
M - Not Monitored, Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference

DO - Surrogate Diluted Out

Initials:           

All calculations are based on raw values.



# QC SUMMARY REPORT

Sample Matrix Spike

CLIENT: Geocon Environmental  
Work Order: 056060  
Project: Rte. 60 (SW34) - 09100-06-32

Sample ID 056060-060AMS Batch ID: 8054 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/30/02 Prep Date: 3/26/02  
MS SeqNo: 255465

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	200	5.0	250	6.9	78	47	128	0			

Sample ID 056060-070AMS Batch ID: 8055 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/30/02 Prep Date: 3/26/02  
MS SeqNo: 255515

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	180	5.0	250	6.6	69	47	128	0			

Sample ID 056060-080AMS Batch ID: 8055 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/30/02 Prep Date: 3/26/02  
MS SeqNo: 255527

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	190	5.0	250	7.5	72	47	128	0			

Sample ID 056060-090AMS Batch ID: 8056 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 4/1/02 Prep Date: 3/26/02  
MS SeqNo: 255617

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	230	5.0	250	10	88	47	128	0			

Sample ID 056060-100AMS Batch ID: 8056 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 4/1/02 Prep Date: 3/26/02  
MS SeqNo: 255629

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	200	5.0	250	2.4	81	47	128	0			

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits  
B - Analyte detected in the associated Method Blank  
M - Not Monitored, Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference  
DO - Surrogate Diluted Out

Initials: W

All calculations are based on raw values.



CLIENT: Geocon Environmental  
Work Order: 056060  
Project: Rte. 60 (SW34) - 09100-06-32

**QC SUMMARY REPORT**  
Sample Matrix Spike

Sample ID 056060-110AMS Batch ID: 8057 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 4/1/02 Prep Date: 3/26/02  
MS SeqNo: 255662

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	210	5.0	250	7.1	83	47	128	0			

Sample ID 056060-120AMS Batch ID: 8057 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 4/1/02 Prep Date: 3/26/02  
MS SeqNo: 255674

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1400	5.0	250	1500	-44	47	128	0			S

Sample ID 056060-130AMS Batch ID: 8058 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 4/1/02 Prep Date: 3/26/02  
MS SeqNo: 255723

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	560	5.0	250	270	116	47	128	0			

Qualifiers: ND - Not Detected at the Reporting Limit B - Analyte detected in the associated Method Blank DO - Surrogate Diluted Out Initials:             
J - Analyte detected below quantitation limits M - Not Monitored. Highly Reactive  
R - RPD outside accepted recovery limits S - Spike/Surrogate outside of limits due to matrix interference

All calculations are based on raw values.



Advanced Technology Laboratories

Date: 01-Apr-02

**QC SUMMARY REPORT**  
Laboratory Control Spike - generic

CLIENT: Geocon Environmental  
Work Order: 056060  
Project: Rte. 60 (SW34) - 09100-06-32

Sample ID	LCS-8052	Batch ID:	8052	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/30/02	Prep Date:	3/26/02		
LCS	Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
	Lead	230	5.0	250	0	91	80	120	0			

SeqNo: 255409

Sample ID	LCS-8053	Batch ID:	8053	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/30/02	Prep Date:	3/26/02		
LCS	Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
	Lead	240	5.0	250	0	97	80	120	0			

SeqNo: 255438

Sample ID	LCS-8054	Batch ID:	8054	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/30/02	Prep Date:	3/26/02		
LCS	Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
	Lead	210	5.0	250	0	84	80	120	0			

SeqNo: 255467

Sample ID	LCS-8055	Batch ID:	8055	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/30/02	Prep Date:	3/26/02		
LCS	Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
	Lead	220	5.0	250	0	89	80	120	0			

SeqNo: 255529

Sample ID	LCS-8056	Batch ID:	8056	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	4/1/02	Prep Date:	3/26/02		
LCS	Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
	Lead	240	5.0	250	0	95	80	120	0			

SeqNo: 255632

Qualifiers:	ND - Not Detected at the Reporting Limit	B - Analyte detected in the associated Method Blank	DO - Surrogate Diluted Out	Initials:
J - Analyte detected below quantitation limits	M - Not Monitored. Highly Reactive	S - Spike/Surrogate outside of limits due to matrix interference		
R - RPD outside accepted recovery limits				

All calculations are based on raw values.



CLIENT: Geocon Environmental  
Work Order: 056060  
Project: Rte. 60 (SW34) - 09100-06-32

# QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID LCS-8057 Batch ID: 8057 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 4/1/02 Prep Date: 3/26/02  
SeqNo: 255678

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	230	5.0	250	0.27	91	80	120	0			

Sample ID LCS-8058 Batch ID: 8058 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 4/1/02 Prep Date: 3/26/02  
SeqNo: 255726

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	250	5.0	250	0.29	101	80	120	0			

Qualifiers: ND - Not Detected at the Reporting Limit B - Analyte detected in the associated Method Blank DO - Surrogate Diluted Out  
J - Analyte detected below quantitation limits M - Not Monitored, Highly Reactive  
R - RPD outside accepted recovery limits S - Spike/Surrogate outside of limits due to matrix interference

Initials:             
11

All calculations are based on raw values.

**Advanced Technology Laboratories**

Print Date: 4/5/02

**CLIENT:** Geocon Environmental  
**Lab Order:** 056060  
**Project:** Rte. 60 (SW34) - 09100-06-32  
**Lab ID:** 056060-020A

**Client Sample ID:** SW34-5-0.3  
**Collection Date:** 3/25/02  
**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS**

**EPA 6010B**

RunID: ICP2_020403D	BatchID: 8190	PrepDate: 4/3/02	Analyst: RQ		
Antimony	0.50	0.25	mg/Kg	1.0	4/3/02
Arsenic	9.0	0.25	mg/Kg	1.0	4/3/02
Barium	140	0.15	mg/Kg	1.0	4/3/02
Beryllium	ND	0.15	mg/Kg	1.0	4/3/02
Cadmium	ND	0.15	mg/Kg	1.0	4/3/02
Chromium	16	0.15	mg/Kg	1.0	4/3/02
Cobalt	7.5	0.15	mg/Kg	1.0	4/3/02
Copper	140	0.15	mg/Kg	1.0	4/3/02
Lead	90	0.25	mg/Kg	1.0	4/3/02
Molybdenum	0.45	0.25	mg/Kg	1.0	4/3/02
Nickel	11	0.15	mg/Kg	1.0	4/3/02
Selenium	ND	0.25	mg/Kg	1.0	4/3/02
Silver	ND	0.15	mg/Kg	1.0	4/3/02
Thallium	0.50	0.25	mg/Kg	1.0	4/3/02
Vanadium	32	0.15	mg/Kg	1.0	4/3/02
Zinc	150	0.50	mg/Kg	1.0	4/3/02

**MERCURY BY COLD VAPOR TECHNIQUE**

**EPA 7471A**

RunID: AA1_020402C	BatchID: 8169	PrepDate: 4/2/02	Analyst: NS		
Mercury	0.13	0.10	mg/Kg	1.0	4/2/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out  
 S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

**Initials:** 



**Advanced Technology Laboratories**

Print Date: 4/5/02

CLIENT: Geocon Environmental

Client Sample ID: SW34-9-S

Lab Order: 056060

Project: Rte. 60 (SW34) - 09100-06-32

Collection Date: 3/25/02

Lab ID: 056060-037A

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS**

**EPA 6010B**

RunID: ICP2\_020403D      BatchID: 8190      PrepDate: 4/3/02      Analyst: RQ

Antimony	0.50	0.25		mg/Kg	1.0	4/3/02
Arsenic	12	0.25		mg/Kg	1.0	4/3/02
Barium	140	0.15		mg/Kg	1.0	4/3/02
Beryllium	ND	0.15		mg/Kg	1.0	4/3/02
Cadmium	ND	0.15		mg/Kg	1.0	4/3/02
Chromium	20	0.15		mg/Kg	1.0	4/3/02
Cobalt	10	0.15		mg/Kg	1.0	4/3/02
Copper	30	0.15		mg/Kg	1.0	4/3/02
Lead	140	0.25		mg/Kg	1.0	4/3/02
Molybdenum	1.0	0.25		mg/Kg	1.0	4/3/02
Nickel	14	0.15		mg/Kg	1.0	4/3/02
Selenium	ND	0.25		mg/Kg	1.0	4/3/02
Silver	ND	0.15		mg/Kg	1.0	4/3/02
Thallium	0.46	0.25		mg/Kg	1.0	4/3/02
Vanadium	42	0.15		mg/Kg	1.0	4/3/02
Zinc	180	0.50		mg/Kg	1.0	4/3/02

**MERCURY BY COLD VAPOR TECHNIQUE**

**EPA 7471A**

RunID: AA1\_020402C      BatchID: 8169      PrepDate: 4/2/02      Analyst: NS

Mercury	ND	0.10		mg/Kg	1.0	4/2/02
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Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike/Surrogate outside of limits due to matrix interference.

J - Analyte detected below quantitation limits

H - Samples exceeding analytical holding time

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

Initials: 

DO - Surrogate Diluted Out

M - Not Monitored. Highly Reactive



# Advanced Technology Laboratories

Print Date: 4/5/02

CLIENT: Geocon Environmental

Client Sample ID: SW38-10-0.9

Lab Order: 056060

Project: Rte. 60 (SW34) - 09100-06-32

Collection Date: 3/25/02

Lab ID: 056060-091A

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS**

**EPA 6010B**

RunID: ICP2_020403D	BatchID: 8190	PrepDate: 4/3/02	Analyst: RQ		
Antimony	1.0	0.25	mg/Kg	1.0	4/3/02
Arsenic	8.0	0.25	mg/Kg	1.0	4/3/02
Barium	120	0.15	mg/Kg	1.0	4/3/02
Beryllium	ND	0.15	mg/Kg	1.0	4/3/02
Cadmium	ND	0.15	mg/Kg	1.0	4/3/02
Chromium	16	0.15	mg/Kg	1.0	4/3/02
Cobalt	9.5	0.15	mg/Kg	1.0	4/3/02
Copper	16	0.15	mg/Kg	1.0	4/3/02
Lead	12	0.25	mg/Kg	1.0	4/3/02
Molybdenum	0.50	0.25	mg/Kg	1.0	4/3/02
Nickel	10	0.15	mg/Kg	1.0	4/3/02
Selenium	ND	0.25	mg/Kg	1.0	4/3/02
Silver	ND	0.15	mg/Kg	1.0	4/3/02
Thallium	ND	0.25	mg/Kg	1.0	4/3/02
Vanadium	34	0.15	mg/Kg	1.0	4/3/02
Zinc	42	0.50	mg/Kg	1.0	4/3/02

**MERCURY BY COLD VAPOR TECHNIQUE**

**EPA 7471A**

RunID: AA1_020402C	BatchID: 8169	PrepDate: 4/2/02	Analyst: NS		
Mercury	ND	0.10	mg/Kg	1.0	4/2/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

Initials: 



# Advanced Technology Laboratories

Print Date: 4/5/02

**CLIENT:** Geocon Environmental

**Client Sample ID:** SW38-11-S

**Lab Order:** 056060

**Project:** Rte. 60 (SW34) - 09100-06-32

**Collection Date:** 3/25/02

**Lab ID:** 056060-093A

**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS**

**EPA 6010B**

RunID: ICP2\_020403D

BatchID: 8190

PrepDate: 4/3/02

Analyst: RQ

Antimony	0.50	0.25		mg/Kg	1.0	4/3/02
Arsenic	10	0.25		mg/Kg	1.0	4/3/02
Barium	120	0.15		mg/Kg	1.0	4/3/02
Beryllium	ND	0.15		mg/Kg	1.0	4/3/02
Cadmium	ND	0.15		mg/Kg	1.0	4/3/02
Chromium	18	0.15		mg/Kg	1.0	4/3/02
Cobalt	6.0	0.15		mg/Kg	1.0	4/3/02
Copper	38	0.15		mg/Kg	1.0	4/3/02
Lead	150	0.25		mg/Kg	1.0	4/3/02
Molybdenum	3.0	0.25		mg/Kg	1.0	4/3/02
Nickel	11	0.15		mg/Kg	1.0	4/3/02
Selenium	ND	0.25		mg/Kg	1.0	4/3/02
Silver	ND	0.15		mg/Kg	1.0	4/3/02
Thallium	0.32	0.25	B	mg/Kg	1.0	4/3/02
Vanadium	38	0.15		mg/Kg	1.0	4/3/02
Zinc	190	0.50		mg/Kg	1.0	4/3/02

**MERCURY BY COLD VAPOR TECHNIQUE**

**EPA 7471A**

RunID: AA1\_020402C

BatchID: 8169

PrepDate: 4/2/02

Analyst: NS

Mercury	0.21	0.10		mg/Kg	1.0	4/2/02
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**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

Initials: 



# Advanced Technology Laboratories

Print Date: 4/5/02

**CLIENT:** Geocon Environmental

**Client Sample ID:** SW40-6-S

**Lab Order:** 056060

**Project:** Rte. 60 (SW34) - 09100-06-32

**Collection Date:** 3/25/02

**Lab ID:** 056060-120A

**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS**

**EPA 6010B**

RunID: ICP2\_020403D

BatchID: 8190

PrepDate: 4/3/02

Analyst: RQ

Antimony	1.5	0.25		mg/Kg	1.0	4/3/02
Arsenic	10	0.25		mg/Kg	1.0	4/3/02
Barium	140	0.15		mg/Kg	1.0	4/3/02
Beryllium	ND	0.15		mg/Kg	1.0	4/3/02
Cadmium	ND	0.15		mg/Kg	1.0	4/3/02
Chromium	39	0.15		mg/Kg	1.0	4/3/02
Cobalt	8.0	0.15		mg/Kg	1.0	4/3/02
Copper	82	0.15		mg/Kg	1.0	4/3/02
Lead	1400	0.25		mg/Kg	1.0	4/3/02
Molybdenum	2.0	0.25		mg/Kg	1.0	4/3/02
Nickel	18	0.15		mg/Kg	1.0	4/3/02
Selenium	ND	0.25		mg/Kg	1.0	4/3/02
Silver	ND	0.15		mg/Kg	1.0	4/3/02
Thallium	0.25	0.25		mg/Kg	1.0	4/3/02
Vanadium	36	0.15		mg/Kg	1.0	4/3/02
Zinc	290	0.50		mg/Kg	1.0	4/3/02

**MERCURY BY COLD VAPOR TECHNIQUE**

**EPA 7471A**

RunID: AA1\_020402C

BatchID: 8169

PrepDate: 4/2/02

Analyst: NS

Mercury	0.22	0.10		mg/Kg	1.0	4/2/02
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**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

Initials: 



# Advanced Technology Laboratories

Print Date: 4/5/02

CLIENT: Geocon Environmental

Client Sample ID: SW40-7-S

Lab Order: 056060

Project: Rte. 60 (SW34) - 09100-06-32

Collection Date: 3/25/02

Lab ID: 056060-123A

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS**

**EPA 6010B**

RunID: ICP2\_020403D      BatchID: 8190      PrepDate: 4/3/02      Analyst: RQ

Antimony	1.5	0.25		mg/Kg	1.0	4/3/02
Arsenic	10	0.25		mg/Kg	1.0	4/3/02
Barium	240	0.15		mg/Kg	1.0	4/3/02
Beryllium	ND	0.15		mg/Kg	1.0	4/3/02
Cadmium	1.5	0.15		mg/Kg	1.0	4/3/02
Chromium	39	0.15		mg/Kg	1.0	4/3/02
Cobalt	8.0	0.15		mg/Kg	1.0	4/3/02
Copper	180	0.15		mg/Kg	1.0	4/3/02
Lead	1900	0.25		mg/Kg	1.0	4/3/02
Molybdenum	5.0	0.25		mg/Kg	1.0	4/3/02
Nickel	32	0.15		mg/Kg	1.0	4/3/02
Selenium	ND	0.25		mg/Kg	1.0	4/3/02
Silver	0.50	0.15		mg/Kg	1.0	4/3/02
Thallium	ND	0.25		mg/Kg	1.0	4/3/02
Vanadium	31	0.15		mg/Kg	1.0	4/3/02
Zinc	550	0.50		mg/Kg	1.0	4/3/02

**MERCURY BY COLD VAPOR TECHNIQUE**

**EPA 7471A**

RunID: AA1\_020402C      BatchID: 8169      PrepDate: 4/2/02      Analyst: NS

Mercury	0.19	0.10		mg/Kg	1.0	4/2/02
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Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

Initials: 





Advanced Technology Laboratories

Date: 05-Apr-02

CLIENT: Geocon Environmental  
Work Order: 056060  
Project: Rte. 60 (SW34) - 09100-06-32

**QC SUMMARY REPORT**  
Method Blank

Sample ID **MB-8190** Batch ID: **8190** Test Name **ICP METALS** Units mg/Kg Analysis Date: **4/4/02** Prep Date: **4/3/02**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.25		0				0			
Arsenic	ND	0.25		0				0			
Barium	ND	0.15		0				0			
Beryllium	ND	0.15		0				0			
Cadmium	ND	0.15		0				0			
Chromium	ND	0.15		0				0			
Cobalt	ND	0.15		0				0			
Copper	ND	0.15		0				0			
Lead	ND	0.25		0				0			
Molybdenum	ND	0.25		0				0			
Nickel	ND	0.15		0				0			
Selenium	ND	0.25		0				0			
Silver	ND	0.15		0				0			
Thallium	ND	0.25		0				0			
Vanadium	ND	0.15		0				0			
Zinc	ND	0.50		0				0			

SeqNo: 257896

Sample ID **MB-8169** Batch ID: **8169** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units mg/Kg Analysis Date: **4/2/02** Prep Date: **4/2/02**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10		0				0			

SeqNo: 256592

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
M - Not Monitored. Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference

DO - Surrogate Diluted Out

Initials:           

All calculations are based on raw values.



Advanced Technology Laboratories

Date: 05-Apr-02

**QC SUMMARY REPORT**  
Sample Duplicate

CLIENT: Geocon Environmental  
Work Order: 056060  
Project: Rte. 60 (SW34) - 09100-06-32

Sample ID 056111-032ADU Batch ID: 8190 Test Name ICP METALS Units mg/Kg Analysis Date: 4/3/02 Prep Date: 4/3/02

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
SeqNo: 257278											
Antimony	0.5	0.25	0	0	0	0	0	0.5	0	30	
Arsenic	17	0.25	0	0	0	0	0	20	14	30	
Barium	130	0.15	0	0	0	0	0	140	7	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	ND	0.15	0	0	0	0	0	0	0	30	
Chromium	22	0.15	0	0	0	0	0	25	13	30	
Cobalt	10	0.15	0	0	0	0	0	11	10	30	
Copper	30	0.15	0	0	0	0	0	36	18	30	
Lead	160	0.25	0	0	0	0	0	180	10	30	
Molybdenum	1	0.25	0	0	0	0	0	1	0	30	
Nickel	14	0.15	0	0	0	0	0	16	13	30	
Selenium	ND	0.25	0	0	0	0	0	0	0	30	
Silver	ND	0.15	0	0	0	0	0	0	0	30	
Thallium	0.5	0.25	0	0	0	0	0	0.5	0	30	
Vanadium	42	0.15	0	0	0	0	0	46	9	30	
Zinc	210	0.50	0	0	0	0	0	220	5	30	

Sample ID 056076-008ADU Batch ID: 8169 Test Name MERCURY BY COLD VAPOR TECHNIQUE Units mg/Kg Analysis Date: 4/2/02 Prep Date: 4/2/02

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
SeqNo: 256588											
Mercury	0.27	0.10	0	0	0	0	0	0.28	2	30	

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits  
B - Analyte detected in the associated Method Blank  
M - Not Monitored. Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference  
DO - Surrogate Diluted Out  
Initials:           

All calculations are based on raw values.



Advanced Technology Laboratories

Date: 05-Apr-02

CLIENT: Gecon Environmental  
Work Order: 056060  
Project: Rtc. 60 (SW34) - 09100-06-32

QC SUMMARY REPORT  
Sample Matrix Spike

Sample ID 056111-032AMS Batch ID: 8190 Test Name ICP METALS Units mg/Kg Analysis Date: 4/3/02 Prep Date: 4/3/02

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MS							SeqNo: 257279				
Antimony	49	0.25	125	0.5	39	32	115	0			
Arsenic	110	0.25	125	20	72	59	111	0			
Barium	220	0.15	125	140	62	34	151	0			
Beryllium	91	0.15	125	0	73	56	112	0			
Cadmium	88	0.15	125	0	70	52	120	0			
Chromium	120	0.15	125	25	74	56	118	0			
Cobalt	100	0.15	125	11	74	58	117	0			
Copper	130	0.15	125	36	77	58	134	0			
Lead	220	0.25	125	180	33	47	128	0			S
Molybdenum	94	0.25	125	1	74	56	115	0			
Nickel	100	0.15	125	16	71	52	120	0			
Selenium	87	0.25	125	0	70	46	108	0			
Silver	71	0.15	125	0	57	74	117	0			S
Thallium	99	0.25	125	0.5	79	62	117	0			
Vanadium	130	0.15	125	46	70	55	122	0			
Zinc	240	0.50	125	220	16	43	134	0			S

Qualifiers: ND - Not Detected at the Reporting Limit DO - Surrogate Diluted Out Initials:

J - Analyte detected below quantitation limits M - Not Monitored, Highly Reactive

R - RPD outside accepted recovery limits S - Spike/Surrogate outside of limits due to matrix interference

All calculations are based on raw values.



# QC SUMMARY REPORT

Sample Matrix Spike Duplicate

CLIENT: Geocon Environmental  
Work Order: 056060  
Project: Rte. 60 (SW34) - 09100-06-32

Sample ID 056111-032AMS Batch ID: 8190 Test Name ICP METALS Units mg/Kg Analysis Date: 4/3/02 Prep Date: 4/3/02

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	59	0.25	125	0.5	47	32	115	49	19	20	
Arsenic	120	0.25	125	20	84	59	111	110	9	20	
Barium	250	0.15	125	140	89	34	151	220	14	20	
Beryllium	100	0.15	125	0	83	56	112	91	9	20	
Cadmium	99	0.15	125	0	79	52	120	88	12	20	
Chromium	130	0.15	125	25	87	56	118	120	11	20	
Cobalt	120	0.15	125	11	86	58	117	100	15	20	
Copper	160	0.15	125	36	97	58	134	130	19	20	
Lead	270	0.25	125	180	75	47	128	220	20	20	
Molybdenum	110	0.25	125	1	85	56	115	94	16	20	
Nickel	120	0.15	125	16	83	52	120	100	13	20	
Selenium	98	0.25	125	0	78	46	108	87	12	20	
Silver	80	0.15	125	0	64	74	117	71	12	20	S
Thallium	110	0.25	125	0.5	89	62	117	99	11	20	
Vanadium	150	0.15	125	46	83	55	122	130	12	20	
Zinc	280	0.50	125	220	49	43	134	240	15	20	

Sample ID 056076-008AMS Batch ID: 8169 Test Name MERCURY BY COLD VAPOR TECHNIQUE Units mg/Kg Analysis Date: 4/2/02 Prep Date: 4/2/02

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.1	0.10	0.83	0.28	100	62	146	0			

MSD  
SeqNo: 257280

MS  
SeqNo: 256589

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
M - Not Monitored. Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference

Initials:                       
DO - Surrogate Diluted Out

All calculations are based on raw values.





# Advanced Technology Laboratories

Print Date: 08-Apr-02

<b>CLIENT:</b>	Geocon Environmental	<b>Test No:</b>	WET/ EPA 7420
<b>Lab Order:</b>	056060	<b>Units:</b>	mg/L
<b>Project:</b>	Rte. 60 (SW34) - 09100-06-32	<b>Analyst:</b>	NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056060-001A	SW34-1-S	Solid/ STLC Extract	3/25/02	8150	4.6	0.2	1		4/8/02
056060-011A	SW34-3-S	Solid/ STLC Extract	3/25/02	8150	4.8	0.2	1		4/8/02
056060-012A	SW34-3-0.3	Solid/ STLC Extract	3/25/02	8150	12	0.2	1		4/8/02
056060-013A	SW34-3-0.6	Solid/ STLC Extract	3/25/02	8150	5.0	0.2	1		4/8/02
056060-019A	SW34-5-S	Solid/ STLC Extract	3/25/02	8151	5.7	0.2	1		4/8/02
056060-020A	SW34-5-0.3	Solid/ STLC Extract	3/25/02	8151	5.1	0.2	1		4/8/02
056060-029A	SW34-7-S	Solid/ STLC Extract	3/25/02	8151	7.1	0.2	1		4/8/02
056060-034A	SW34-8-S	Solid/ STLC Extract	3/25/02	8151	5.2	0.2	1		4/8/02
056060-037A	SW34-9-S	Solid/ STLC Extract	3/25/02	8151	5.4	0.2	1		4/8/02
056060-041A	SW34-10-S	Solid/ STLC Extract	3/25/02	8151	1.4	0.2	1		4/8/02
056060-051A	SW34-12-S	Solid/ STLC Extract	3/25/02	8151	5.9	0.2	1		4/8/02
056060-054A	SW38-1-S	Solid/ STLC Extract	3/25/02	8151	6.3	0.2	1		4/8/02

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interference.	
	J - Analyte detected below quantitation limits	H - Samples exceeding analytical holding time	<b>Initials:</b> 
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	
	DO - Surrogate Diluted Out	M - Not Monitored. Highly Reactive	1



# Advanced Technology Laboratories

Print Date: 08-Apr-02

<b>CLIENT:</b> Geocon Environmental	<b>Test No:</b> WET/ EPA 7420
<b>Lab Order:</b> 056060	<b>Units:</b> mg/L
<b>Project:</b> Rte. 60 (SW34) - 09100-06-32	<b>Analyst:</b> NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056060-062A	SW38-3-S	Solid/ STLC Extract	3/25/02	8151	7.6	0.2	1		4/8/02
056060-064A	SW38-3-0.6	Solid/ STLC Extract	3/25/02	8151	3.9	0.2	1		4/8/02
056060-065A	SW38-4-S	Solid/ STLC Extract	3/25/02	8151	7.5	0.2	1		4/8/02
056060-067A	SW38-4-0.6	Solid/ STLC Extract	3/25/02	8151	3.3	0.2	1		4/8/02
056060-068A	SW38-5-S	Solid/ STLC Extract	3/25/02	8151	2.6	0.2	1		4/8/02
056060-073A	SW38-6-S	Solid/ STLC Extract	3/25/02	8151	3.8	0.2	1		4/8/02
056060-078A	SW38-7-S	Solid/ STLC Extract	3/25/02	8151	3.4	0.2	1		4/8/02
056060-084A	SW38-9-S	Solid/ STLC Extract	3/25/02	8151	8.9	0.2	1		4/8/02
056060-088A	SW38-10-S	Solid/ STLC Extract	3/25/02	8151	6.1	0.2	1		4/8/02
056060-091A	SW38-10-0.9	Solid/ STLC Extract	3/25/02	8151	ND	0.2	1		4/8/02
056060-093A	SW38-11-S	Solid/ STLC Extract	3/25/02	8151	9.0	0.2	1		4/8/02
056060-094A	SW38-11-0.3	Solid/ STLC Extract	3/25/02	8151	5.8	0.2	1		4/8/02

<b>Qualifiers:</b> ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interference.
J - Analyte detected below quantitation limits	H - Samples exceeding analytical holding time
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
DO - Surrogate Diluted Out	M - Not Monitored. Highly Reactive

Initials: 

2



# Advanced Technology Laboratories

Print Date: 08-Apr-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 056060  
**Project:** Rte. 60 (SW34) - 09100-06-32

**Test No:** WET/ EPA 7420  
**Units:** mg/L  
**Analyst:** NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056060-101A	SW40-1-S	Solid/ STLC Extract	3/25/02	8152	18	0.4	2		4/8/02
056060-104A	SW40-2-S	Solid/ STLC Extract	3/25/02	8152	5.4	0.2	1		4/8/02
056060-109A	SW40-3-S	Solid/ STLC Extract	3/25/02	8152	13	0.2	1		4/8/02
056060-115A	SW40-4-0.3	Solid/ STLC Extract	3/25/02	8152	2.3	0.2	1		4/8/02
056060-116A	SW40-5-S	Solid/ STLC Extract	3/25/02	8152	24	0.4	2		4/8/02
056060-121A	SW40-6-0.3	Solid/ STLC Extract	3/25/02	8152	4.8	0.2	1		4/8/02
056060-122A	SW40-6-0.6	Solid/ STLC Extract	3/25/02	8152	19	0.4	2		4/8/02
056060-124A	SW40-7-0.3	Solid/ STLC Extract	3/25/02	8152	18	0.4	2		4/8/02
056060-127A	SW40-8-S	Solid/ STLC Extract	3/25/02	8152	82	1.2	6		4/8/02
056060-128A	SW40-8-0.3	Solid/ STLC Extract	3/25/02	8152	10	0.2	1		4/8/02
056060-130A	SW40-9-0.3	Solid/ STLC Extract	3/25/02	8152	39	0.8	4		4/8/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

Initials:           





Advanced Technology Laboratories

Date: 08-Apr-02

CLIENT: Geocon Environmental  
Work Order: 056060  
Project: Rte. 60 (SW34) - 09100-06-32

**QC SUMMARY REPORT**  
Method Blank

Sample ID	MB-8150	Batch ID:	8150	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/8/02	Prep Date:	4/8/02
MBLK						SeqNo: 259192				
Analyte		Result	ND	PQL	0.20	SPK value	0	SPK Ref Val		
Lead						LowLimit	0	HighLimit	0	RPDLimit
						%REC		%RPD		Qual

Sample ID	MB-8150A	Batch ID:	8150	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/8/02	Prep Date:	4/1/02
MBLK						SeqNo: 259193				
Analyte		Result	ND	PQL	0.20	SPK value	0	SPK Ref Val		
Lead						LowLimit	0	HighLimit	0	RPDLimit
						%REC		%RPD		Qual

Sample ID	MB-8150B	Batch ID:	8150	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/8/02	Prep Date:	4/1/02
MBLK						SeqNo: 259206				
Analyte		Result	ND	PQL	0.20	SPK value	0	SPK Ref Val		
Lead						LowLimit	0	HighLimit	0	RPDLimit
						%REC		%RPD		Qual

Sample ID	MB-8151	Batch ID:	8151	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/8/02	Prep Date:	4/8/02
MBLK						SeqNo: 259221				
Analyte		Result	ND	PQL	0.20	SPK value	0	SPK Ref Val		
Lead						LowLimit	0	HighLimit	0	RPDLimit
						%REC		%RPD		Qual

Sample ID	MB-8151A	Batch ID:	8151	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/8/02	Prep Date:	4/1/02
MBLK						SeqNo: 259222				
Analyte		Result	ND	PQL	0.20	SPK value	0	SPK Ref Val		
Lead						LowLimit	0	HighLimit	0	RPDLimit
						%REC		%RPD		Qual

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 M - Not Monitored. Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference  
 DO - Surrogate Diluted Out  
 Initials:           

All calculations are based on raw values.



# QC SUMMARY REPORT

Method Blank

**CLIENT:** Geocon Environmental  
**Work Order:** 056060  
**Project:** Rte. 60 (SW34) - 09100-06-32

Sample ID	MB-8151B	Batch ID:	8151	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/8/02	Prep Date:	4/1/02	
<b>MBLK</b>						SeqNo:	259235				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20	0	0	0	0	0	0			

Sample ID	MB-8152	Batch ID:	8152	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/8/02	Prep Date:	4/8/02	
<b>MBLK</b>						SeqNo:	259241				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20	0	0				0			

Sample ID	MB-8152A	Batch ID:	8152	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/8/02	Prep Date:	4/1/02	
<b>MBLK</b>						SeqNo:	259243				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20	0	0	0	0	0	0			

Sample ID	MB-8152B	Batch ID:	8152	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/8/02	Prep Date:	4/1/02	
<b>MBLK</b>						SeqNo:	259264				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20	0	0	0	0	0	0			

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 M - Not Monitored, Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference  
 DO - Surrogate Diluted Out  
**Initials:**                     

All calculations are based on raw values.



Advanced Technology Laboratories

Date: 08-Apr-02

CLIENT: Geoco Environmental  
 Work Order: 056060  
 Project: Rte. 60 (SW34) - 09100-06-32

QC SUMMARY REPORT

Sample Duplicate

Sample ID 056021-059ADU Batch ID: 8150 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/8/02 Prep Date: 4/1/02  
 DUP SeqNo: 259204

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	57	1.0	0	0	0	0	0	57	0	0	30

Sample ID 056060-013ADU Batch ID: 8150 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/8/02 Prep Date: 4/1/02  
 DUP SeqNo: 259217

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.8	0.20	0	0	0	0	0	5	3	3	30

Sample ID 056060-064ADU Batch ID: 8151 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/8/02 Prep Date: 4/1/02  
 DUP SeqNo: 259233

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3.8	0.20	0	0	0	0	0	3.9	2	2	30

Sample ID 056060-094ADU Batch ID: 8151 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/8/02 Prep Date: 4/1/02  
 DUP SeqNo: 259252

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.2	0.20	0	0	0	0	0	5.8	10	10	30

Sample ID 056060-128ADU Batch ID: 8152 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/8/02 Prep Date: 4/1/02  
 DUP SeqNo: 259262

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	23	0.40	0	0	0	0	0	10	77	77	30 R

Qualifiers: ND - Not Detected at the Reporting Limit DO - Surrogate Diluted Out Initials:             
 J - Analyte detected below quantitation limits B - Analyte detected in the associated Method Blank  
 R - RPD outside accepted recovery limits M - Not Monitored, Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference

All calculations are based on raw values.





# QC SUMMARY REPORT

Sample Duplicate

CLIENT: Gebcon Environmental  
Work Order: 056060  
Project: Rte. 60 (SW34) - 09100-06-32

Sample ID 056094-022ADU Batch ID: 8152  
Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/8/02 Prep Date: 4/1/02  
SeqNo: 259275

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.1	0.20	0	0	0	0	0	0.14	2	30	J

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits  
B - Analyte detected in the associated Method Blank  
M - Not Monitored. Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference  
DO - Surrogate Diluted Out  
Initials:     

All calculations are based on raw values.



Advanced Technology Laboratories

Date: 08-Apr-02

**QC SUMMARY REPORT**  
Sample Matrix Spike

CLIENT: Geocon Environmental  
Work Order: 056060  
Project: Rte. 60 (SW34) - 09100-06-32

Sample ID	056021-059AMS	Batch ID:	8150	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/8/02	Prep Date:	4/8/02	
MS		SeqNo:	259205								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	89	1.4	35	57	91	80	120	0			

Sample ID	056060-013AMS	Batch ID:	8150	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/8/02	Prep Date:	4/8/02	
MS		SeqNo:	259218								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.5	0.20	5	5	91	80	120	0			

Sample ID	056060-064AMS	Batch ID:	8151	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/8/02	Prep Date:	4/8/02	
MS		SeqNo:	259234								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	8.4	0.20	5	3.9	89	80	120	0			

Sample ID	056060-094AMS	Batch ID:	8151	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/8/02	Prep Date:	4/8/02	
MS		SeqNo:	259254								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	10	0.20	5	5.8	87	80	120	0			

Sample ID	056060-128AMS	Batch ID:	8152	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/8/02	Prep Date:	4/8/02	
MS		SeqNo:	259263								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	20	0.40	10	10	96	80	120	0			

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 M - Not Monitored, Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference  
 DO - Surrogate Diluted Out

All calculations are based on raw values.

Initials:



# QC SUMMARY REPORT

CLIENT: Geocon Environmental  
Work Order: 056060  
Project: Rte. 60 (SW34) - 09100-06-32  
Sample Matrix Spike

Sample ID 056094-022AMS Batch ID: 8152 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/8/02 Prep Date: 4/8/02  
SeqNo: 259276

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.9	0.20	5	0.14	96	80	120	0			

MS

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
 M - Not Monitored. Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference

DO - Surrogate Diluted Out

Initials: \_\_\_\_\_

All calculations are based on raw values.



Advanced Technology Laboratories

Date: 08-Apr-02

CLIENT: Geocon Environmental

Work Order: 056060

Project: Rte. 60 (SW34) - 09100-06-32

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID	LCS-8150	Batch ID:	8150	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/8/02	Prep Date:	4/8/02	
LCS		SeqNo:	259220								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	7.4	0.20	7.5	0	99	80	120	0			

Sample ID	LCS-8151	Batch ID:	8151	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/8/02	Prep Date:	4/8/02	
LCS		SeqNo:	259258								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	7.4	0.20	7.5	0	99	80	120	0			

Sample ID	LCS-8152	Batch ID:	8152	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/8/02	Prep Date:	4/8/02	
LCS		SeqNo:	259278								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	7.4	0.20	7.5	0.091	97	80	120	0			

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 M - Not Monitored. Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference  
 DO - Surrogate Diluted Out  
 Initials:

All calculations are based on raw values.



**Advanced Technology Laboratories**

Print Date: 08-Apr-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 056060  
**Project:** Rte. 60 (SW34) - 09100-06-32

**Test No:** EPA 1311/ 7420  
**Units:** mg/L  
**Analyst:** NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056060-114A	SW40-4-S	Solid/ TCLP Extract	3/25/02	8216	1.8	0.2	1		4/5/02
056060-120A	SW40-6-S	Solid/ TCLP Extract	3/25/02	8216	2.8	0.2	1		4/5/02
056060-123A	SW40-7-S	Solid/ TCLP Extract	3/25/02	8216	1.9	0.2	1		4/5/02
056060-129A	SW40-9-S	Solid/ TCLP Extract	3/25/02	8216	3.9	0.2	1		4/5/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
H - Samples exceeding analytical holding time  
E - Value above quantitation range  
M - Not Monitored. Highly Reactive

**Initials:** 





Advanced Technology Laboratories

Date: 08-Apr-02

CLIENT: Geocon Environmental  
Work Order: 056060  
Project: Rte. 60 (SW34) - 09100-06-32  
QC SUMMARY REPORT  
Method Blank

Sample ID	MB-8216	Batch ID:	8216	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/5/02	Prep Date:	4/4/02
Analyte	mblk	Result	ND	PQL	0.20	SPK value	SPK Ref Val	0	%REC	0
				LowLimit	HighLimit	RPD Ref Val	RPD Limit	0	%RPD	RPDLimit
				SeqNo:	258578					

Sample ID	MB-8199TCLP	Batch ID:	8216	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/5/02	Prep Date:	4/4/02
Analyte	mblk	Result	ND	PQL	0.20	SPK value	SPK Ref Val	0	%REC	0
				LowLimit	HighLimit	RPD Ref Val	RPD Limit	0	%RPD	RPDLimit
				SeqNo:	258579					

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 M - Not Monitored. Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference  
 DO - Surrogate Diluted Out  
 Initials: W

All calculations are based on raw values.



Advanced Technology Laboratories

Date: 08-Apr-02

QC SUMMARY REPORT  
Sample Duplicate

CLIENT: Geocon Environmental  
Work Order: 056060  
Project: Rte. 60 (SW34) - 09100-06-32

Sample ID 056094-075ADU Batch ID: 8216 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/5/02 Prep Date: 4/4/02

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.9	0.20	0	0	0	0	0	2.3	21	30	

SeqNo: 258590

DUP

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 M - Not Monitored, Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference  
 DO - Surrogate Diluted Out

Initials:           

All calculations are based on raw values.





Advanced Technology Laboratories

Date: 08-Apr-02

CLIENT: Geocon Environmental

Work Order: 056060

Project: Rte. 60 (SW34) - 09100-06-32

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID LCS-8216 Batch ID: 8216

Test Name LEAD BY ATOMIC ABSORPTION

Units mg/L Analysis Date: 4/5/02

Prep Date: 4/4/02

Ics

SeqNo: 258593

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.9	0.20	1	0	90	80	120	0			

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
M - Not Monitored. Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference

DO - Surrogate Diluted Out

Initials:           

All calculations are based on raw values.

# Advanced Technology Laboratories

Print Date: 12-Apr-02

<b>CLIENT:</b>	Geocon Environmental	<b>Test No:</b>	WET DI/ EPA 7
<b>Lab Order:</b>	056060	<b>Units:</b>	mg/L
<b>Project:</b>	Rte. 60 (SW34) - 09100-06-32	<b>Analyst:</b>	JT

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056060-012A	SW34-3-0.3	Solid/ STLC DI Extract	3/25/02	8297	ND	0.2	1		4/11/02
056060-019A	SW34-5-S	Solid/ STLC DI Extract	3/25/02	8297	ND	0.2	1		4/11/02
056060-020A	SW34-5-0.3	Solid/ STLC DI Extract	3/25/02	8297	ND	0.2	1		4/11/02
056060-029A	SW34-7-S	Solid/ STLC DI Extract	3/25/02	8297	ND	0.2	1		4/11/02
056060-034A	SW34-8-S	Solid/ STLC DI Extract	3/25/02	8297	0.24	0.2	1		4/11/02
056060-037A	SW34-9-S	Solid/ STLC DI Extract	3/25/02	8297	ND	0.2	1		4/11/02
056060-051A	SW34-12-S	Solid/ STLC DI Extract	3/25/02	8297	ND	0.2	1		4/11/02
056060-054A	SW38-1-S	Solid/ STLC DI Extract	3/25/02	8297	ND	0.2	1		4/11/02
056060-062A	SW38-3-S	Solid/ STLC DI Extract	3/25/02	8297	ND	0.2	1		4/11/02
056060-065A	SW38-4-S	Solid/ STLC DI Extract	3/25/02	8297	ND	0.2	1		4/11/02
056060-084A	SW38-9-S	Solid/ STLC DI Extract	3/25/02	8297	ND	0.2	1		4/11/02
056060-088A	SW38-10-S	Solid/ STLC DI Extract	3/25/02	8297	ND	0.2	1		4/11/02

**Qualifiers:** ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.

H - Samples exceeding analytical holding time

E - Value above quantitation range

M - Not Monitored. Highly Reactive

**Initials:** 

1



# Advanced Technology Laboratories

Print Date: 12-Apr-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 056060  
**Project:** Rte. 60 (SW34) - 09100-06-32

**Test No:** WET DI/ EPA 7  
**Units:** mg/L  
**Analyst:** JT

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056060-093A	SW38-11-S	Solid/ STLC DI Extract	3/25/02	8297	ND	0.2	1		4/11/02
056060-094A	SW38-11-0.3	Solid/ STLC DI Extract	3/25/02	8297	ND	0.2	1		4/11/02
056060-101A	SW40-1-S	Solid/ STLC DI Extract	3/25/02	8297	0.21	0.2	1		4/11/02
056060-104A	SW40-2-S	Solid/ STLC DI Extract	3/25/02	8297	ND	0.2	1		4/11/02
056060-109A	SW40-3-S	Solid/ STLC DI Extract	3/25/02	8297	ND	0.2	1		4/11/02
056060-116A	SW40-5-S	Solid/ STLC DI Extract	3/25/02	8297	0.43	0.2	1		4/11/02
056060-122A	SW40-6-0.6	Solid/ STLC DI Extract	3/25/02	8297	0.27	0.2	1		4/11/02
056060-124A	SW40-7-0.3	Solid/ STLC DI Extract	3/25/02	8297	ND	0.2	1		4/11/02
056060-127A	SW40-8-S	Solid/ STLC DI Extract	3/25/02	8298	0.49	0.2	1		4/11/02
056060-128A	SW40-8-0.3	Solid/ STLC DI Extract	3/25/02	8298	ND	0.2	1		4/11/02
056060-130A	SW40-9-0.3	Solid/ STLC DI Extract	3/25/02	8298	0.28	0.2	1		4/11/02

**Qualifiers:** ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.

H - Samples exceeding analytical holding time

E - Value above quantitation range

M - Not Monitored. Highly Reactive

Initials: 

2



Advanced Technology Laboratories

Date: 12-Apr-02

CLIENT: Geocon Environmental  
 Work Order: 056060  
 Project: Rte. 60 (SW34) - 09100-06-32

**QC SUMMARY REPORT**  
 Method Blank

Sample ID	MB-8297	Batch ID:	8297	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/11/02	Prep Date:	4/11/02			
MBLK						SeqNo:	261967						
Analyte				PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead				0.20	0	0	0	0	0	0	0		

Sample ID	MB-8297A	Batch ID:	8297	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/11/02	Prep Date:	4/9/02			
MBLK						SeqNo:	261968						
Analyte				PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead				0.20	0	0	0	0	0	0	0		

Sample ID	MB-8297B	Batch ID:	8297	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/11/02	Prep Date:	4/9/02			
MBLK						SeqNo:	261981						
Analyte				PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead				0.20	0	0	0	0	0	0	0		

Sample ID	MB-8298	Batch ID:	8298	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/11/02	Prep Date:	4/11/02			
MBLK						SeqNo:	261996						
Analyte				PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead				0.20	0	0	0	0	0	0	0		

Sample ID	MB-8298A	Batch ID:	8298	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/11/02	Prep Date:	4/9/02			
MBLK						SeqNo:	261997						
Analyte				PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead				0.20	0	0	0	0	0	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 M - Not Monitored. Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference  
 DO - Surrogate Diluted Out

Initials:            /

All calculations are based on raw values.



CLIENT: Geocon Environmental  
Work Order: 056060  
Project: Rte. 60 (SW34) - 09100-06-32

# QC SUMMARY REPORT

Method Blank

Sample ID MB-8298B Batch ID: 8298

Test Name LEAD BY ATOMIC ABSORPTION

Units mg/L Analysis Date: 4/11/02 Prep Date: 4/9/02

MBLK

SeqNo: 262010

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20	0	0	0	0	0	0	0	0	0

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
M - Not Monitored. Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference

DO - Surrogate Diluted Out

Initials:           

All calculations are based on raw values.



Advanced Technology Laboratories

Date: 12-Apr-02

**QC SUMMARY REPORT**  
Sample Duplicate

CLIENT: Geocon Environmental  
Work Order: 056060  
Project: Rte. 60 (SW34) - 09100-06-32

Sample ID 056060-065ADU Batch ID: 8297 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/11/02 Prep Date: 4/9/02  
DUP SeqNo: 261979

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20	0	0	0	0	0	0	0	30	

Sample ID 056060-124ADU Batch ID: 8297 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/11/02 Prep Date: 4/9/02  
DUP SeqNo: 261992

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.1	0.20	0	0	0	0	0	0.13	2	30	J

Sample ID 056094-078ADU Batch ID: 8298 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/11/02 Prep Date: 4/9/02  
DUP SeqNo: 262008

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.4	0.20	0	0	0	0	0	2.4	53	30	R

Sample ID 056094-102ADU Batch ID: 8298 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/11/02 Prep Date: 4/9/02  
DUP SeqNo: 262021

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.2	0.20	0	0	0	0	0	0.13	28	30	J

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits  
B - Analyte detected in the associated Method Blank  
M - Not Monitored, Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference  
DO - Surrogate Diluted Out  
Initials:           

All calculations are based on raw values.



Advanced Technology Laboratories

Date: 12-Apr-02

CLIENT: Geokon Environmental

Work Order: 056060

Project: Rte. 60 (SW34) - 09100-06-32

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID 056060-065AMS Batch ID: 8297 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/11/02 Prep Date: 4/11/02  
MS SeqNo: 261980

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.9	0.20	5	0	97	80	120	0			

Sample ID 056060-124AMS Batch ID: 8297 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/11/02 Prep Date: 4/11/02  
MS SeqNo: 261993

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.9	0.20	5	0.13	96	80	120	0			

Sample ID 056094-078AMS Batch ID: 8298 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/11/02 Prep Date: 4/11/02  
MS SeqNo: 262009

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.8	0.20	5	2.4	49	80	120	0			S

Sample ID 056094-102AMS Batch ID: 8298 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/11/02 Prep Date: 4/11/02  
MS SeqNo: 262022

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.8	0.20	5	0.13	94	80	120	0			

Qualifiers: ND - Not Detected at the Reporting Limit B - Analyte detected in the associated Method Blank DO - Surrogate Diluted Out Initials:             
J - Analyte detected below quantitation limits M - Not Monitored, Highly Reactive  
R - RPD outside accepted recovery limits S - Spike/Surrogate outside of limits due to matrix interference

All calculations are based on raw values.



Advanced Technology Laboratories

Date: 12-Apr-02

QC SUMMARY REPORT  
Laboratory Control Spike - generic

CLIENT: Gecon Environmental  
Work Order: 056060  
Project: Rte. 60 (SW34) - 09100-06-32

Sample ID LCS-8297 Batch ID: 8297 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/11/02 Prep Date: 4/11/02  
SeqNo: 261995

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	7.4	0.20	7.5	0	98	80	120	0			

Sample ID LCS-8298 Batch ID: 8298 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/11/02 Prep Date: 4/11/02  
SeqNo: 262025

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	7.3	0.20	7.5	0.072	96	80	120	0			

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits  
B - Analyte detected in the associated Method Blank  
M - Not Monitored, Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference  
DO - Surrogate Diluted Out  
Initials:           

All calculations are based on raw values.

**Diane**

---

**From:** Greg Adams [adams@geoconinc.com]  
**Sent:** Wednesday, March 27, 2002 10:07 AM  
**To:** diane@atglobal.com



Diane,

Here is the Lab info for our project number 9100-06-32.

Regarding Title 22 Metals there should be 54 samples run all together.

Two

for each area, the areas are written on the chains and jars as SW##, for what ever the number is. The sound wall areas are as follows:

SW67, SW69, SW71, SW75, SW79, SW81, SW85, SW68, SW72, SW78, SW82, SW34, SW38, SW40, SW44, SW20, SW20A, SW22, SW26, SW30, SW7, SW9, SW11, SW15, SW27, SW31, and SW33.

The Title 22's should be taken from the two samples from each area with the highest total lead.

The turn around time for this entire project is 24 hours for total lead and

Title 22 Metals and normal for the WET, TCLP and pH.

Greg C. Adams  
Staff Environmental Scientist  
Geocon Consultants, Inc.

March 28, 2002

Chris King  
Geocon Environmental  
6970 Flanders Drive  
San Diego, CA 92121  
TEL: (858) 558-6100  
FAX (858) 558-8437

ELAP No: 1838

RE: Rte 60-EA002101-09100-06-32

Work Order No.: 056076

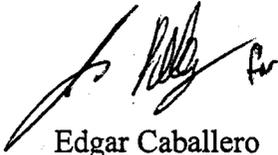
Attention: Chris King

Enclosed are the results for sample(s) received on March 27, 2002 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,



Edgar Caballero  
Laboratory Director

APR 18 2002

This cover letter is an integral part of this analytical report.



# CHAIN OF CUSTODY RECORD

**FOR LABORATORY USE ONLY:**

**Method of Transport**  
 Walk-in  
 Courier  
 UPS  
 FED. EXP.  
 ATL

**Sample Condition Upon Receipt**  
 1. CHILLED  
 2. HEADSPACE (VOA)  
 3. CONTAINER INTACT  
 4. SEALED  
 5. # OF SPLS MATCH COC  
 6. PRESERVED

P.O.#: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Logged By: \_\_\_\_\_

Client: **GEOCON ENVIRONMENTAL - SAN DIEGO**  
 Address: 6970 Flanders Drive  
 City: San Diego State: CA Zip Code: 92121  
 TEL: ( 858 ) 558-6100 FAX: ( 858 ) 558-8437

Project #: **01100-06-32**  
 Date: **3-26-02** Time: **6:15P**  
 Relinquished by: (Signature and Printed Name) *Chris King*  
 Date: **3-26-02** Time: **7:10P**  
 Relinquished by: (Signature and Printed Name) *Chris King*  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished by: (Signature and Printed Name) \_\_\_\_\_  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_

Sampler: *CSK/pmp/jym/10/02*  
 Received by: (Signature and Printed Name) \_\_\_\_\_  
 Date: **3/26/02** Time: **6:15P**  
 Received by: (Signature and Printed Name) \_\_\_\_\_  
 Date: **3/26/02** Time: **7:10P**  
 Received by: (Signature and Printed Name) \_\_\_\_\_  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_

I hereby authorize ATL to perform the work indicated below:  
 Project Mgr./Submitter: *CSK*  
 Print Name: \_\_\_\_\_ Date: **3/26/02**  
 Signature: \_\_\_\_\_

Send Report To:  
 Attn: \_\_\_\_\_  
 Co: *Client*  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Bill To:  
 Attn: \_\_\_\_\_  
 Co: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

LAB USE ONLY: Batch #:	Lab No.	Sample Description	Sample I.D.	Date	Time	CIRCLE APPROPRIATE MATRIX		TAT	Container(s)	Type	RESERVATION	REMARKS
						RTNE	RWOCB					
054076-001		SW44-1-5		3/26	9:21	<input checked="" type="checkbox"/>	<input type="checkbox"/>					TAT=A for today lead only.
		SW44-1-0.3			9:34	<input type="checkbox"/>	<input type="checkbox"/>					All other tests
		SW44-2-5			9:26	<input type="checkbox"/>	<input type="checkbox"/>					TAT=E
		SW44-2-0.3			9:28	<input type="checkbox"/>	<input type="checkbox"/>					
		SW44-2-0.6			9:30	<input type="checkbox"/>	<input type="checkbox"/>					
		SW44-2-0.9			9:35	<input type="checkbox"/>	<input type="checkbox"/>					
		SW44-3-5			9:30	<input type="checkbox"/>	<input type="checkbox"/>					
		SW44-3-0.3			9:28	<input type="checkbox"/>	<input type="checkbox"/>					
		SW44-4-5			9:48	<input type="checkbox"/>	<input type="checkbox"/>					
		SW44-4-0.3			9:50	<input type="checkbox"/>	<input type="checkbox"/>					

Special Instructions/Comments:  
**Total lead ≥ 50 and < 1,000 mg/kg run WET**  
**Citric. WET Citric ≥ 5mg/l run WET**  
**Run 10% of samples for P.H. Run**  
**TCLP for samples w/ total lead**  
**greater than 1000 mg/kg**

Circle or Add Analyst(s) Requested:  
 801 / 802 (Pesticides-CB-GC)  
 820 (Nitrates-GCMS)  
 825 / 8270 (BNA-GCMS)  
 Metals-Tot (CAC-8010 / 7000)  
 8015M TPHBTEX (COMBINATION)  
 8015M TPHD (Phase-GC)  
 OTHER: *RTN lead*

Preservatives:  
 H=HCl N=HNO<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C  
 J=J<sub>2</sub> K=K<sub>2</sub> L=L<sub>2</sub> M=M<sub>2</sub> N=NaOAc P=P<sub>2</sub> Q=Q<sub>2</sub> R=R<sub>2</sub> S=S<sub>2</sub> T=T<sub>2</sub> U=U<sub>2</sub> V=V<sub>2</sub> W=W<sub>2</sub> X=X<sub>2</sub> Y=Y<sub>2</sub> Z=Z<sub>2</sub>

Routing: Routine E=7 Workdays Urgent D=3 Workdays Critical C=2 Workdays Emergency B=Next workday TAT (A=Overnight ≤ 24 hr) d=next day  
 TAT starts 8 a.m. following day if sample received after 5 p.m.

# CHAIN OF CUSTODY RECORD

**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

### FOR LABORATORY USE ONLY:

Method of Transport  
 Walk-in  
 Courier  
 UPS  
 FED. EXP.  
 ATL

Sample Condition Upon Receipt  
 1. CHILLED  
 2. HEADSPACE (VOA)  
 3. CONTAINER INTACT  
 4. SEALED  
 5. # OF SPLS MATCH COC  
 6. PRESERVED

Logged By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Client: **GEOCON ENVIRONMENTAL - SAN DIEGO**  
 Attn: **Chris King**  
 Address: 6970 Flanders Drive  
 City: San Diego State: CA Zip Code: 92121  
 TEL: ( 858 ) 558-6100 FAX: ( 858 ) 558-8437

Project Name: **Rte 60-EA002101**  
 Requisitioned by: (Signature and Printed Name) **CSK** Date: **3-26-02** Time: **6:15p**  
 Relinquished by: (Signature and Printed Name) **WJS** Date: **3-26-02** Time: **7:10p**  
 Relinquished by: (Signature and Printed Name) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

I hereby authorize ATL to perform the work indicated below:  
 Project Mgr / Submitter: **CSK** Date: **3/26/02**  
 Bill To: \_\_\_\_\_  
 Attn: \_\_\_\_\_  
 Co: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Sample Archive/Disposal:  
 Laboratory Standard  
 Other  
 Return To:  
 \* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

LAB USE ONLY: Batch #:	Lab No.	Sample Description	Sample I.D.		Date	Time
			Sample I.D.	Time		
	011	SW44-5-5	3/26	9:45		
	012	SW44-5-0.3		9:46		
	013	SW44-6-5		9:44		
	014	SW44-6-0.3		9:48		
	015	SW44-6-0.6		9:50		

Special Instructions/Comments: **See Page 1**

Circle Appropriate Matrix:  
 AIR  
 DRINKING WATER  
 WASTE WATER  
 WASTE WATER  
 SOLVENT LIQUID  
 SOLID SLUDGE  
 OTHER FILTER  
 OTHER

QA/QC:  
 RTNE  
 RWQCB  
 WIP  
 NAVY  
 CT  
 OTHER

REMARKS:  
**Initials**  
**only - All**  
**other tests**  
**TAT-E**

Preservatives:  
 H=Hcl N=HNO<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C  
 Z=Zn(Ac)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday  
 Container Types: T=Tube V=VOA L=Liter P=Pin J=Jar B=Fecliar G=Glass P=Plastic M=Metal  
 Routine E=7 Workdays Urgent D=3 Workdays Critical C=2 Workdays

# CHAIN OF CUSTODY RECORD

## FOR LABORATORY USE ONLY:

**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

**Client:** GEOCON ENVIRONMENTAL - SAN DIEGO  
**Attn:** Chris King  
 Address: 6970 Flanders Drive  
 City: San Diego State: CA Zip Code: 92121  
 TEL: ( 858 ) 558-6100 FAX: ( 858 ) 558-8437

**Method of Transport:**  
 Walk-in  Courier  UPS  FED. EXP.  ATL   
 1. CHILLED  4. SEALED  Y  N   
 2. HEADSPACE (VOA)  5. # OF SPLS MATCH COC  Y  N   
 3. CONTAINER INTACT  6. PRESERVED  Y  N

**Sample Condition Upon Receipt:**  
 Y  N  4. SEALED  Y  N   
 Y  N  5. # OF SPLS MATCH COC  Y  N   
 Y  N  6. PRESERVED  Y  N

**Method of Transport:**  
 Walk-in  Courier  UPS  FED. EXP.  ATL

**Project Name:** Rte 52 EA 496101 Project #: 9100-06-32 Sampler: gca  
 Date: 3/26/02 Time: 6:15  
 Received by: (Signature and Printed Name)  
 Date: 3-26-02 Time: 7:10  
 Received by: (Signature and Printed Name)  
 Date: 3/26/02 Time: 7:10  
 Received by: (Signature and Printed Name)  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_

**Relinquished by:** (Signature and Printed Name)  
 Date: 3/26/02 Time: 7:10  
 Received by: (Signature and Printed Name)  
 Date: 3/26/02 Time: 7:10  
 Received by: (Signature and Printed Name)  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_

**Special Instructions/Comments:**  
 See Page 1

**Bill To:** Client  
**Attn:** Client  
**Co:** Client  
**Address:** Client  
**City:** Client State: \_\_\_\_\_ Zip: \_\_\_\_\_

**Send Report To:** Client  
**Attn:** Client  
**Co:** Client  
**Address:** Client  
**City:** Client State: \_\_\_\_\_ Zip: \_\_\_\_\_

LAB USE ONLY: Batch #: Lab No.	Sample I.D.	Sample Description	Date		Time	Signature	Analysis(es) Requested	CIRCLE APPROPRIATE MATRIX		PRESERVATION	REMARKS
			DATE	TIME				TAT #	Type		
016	SW 33-1-S		3/26	10:16			801 / 802 (Paste/PCB-GC)				TAT=A for total lead only. All other tests TAKE
017	SW 33-1-0.3			10:20			825 / 8270 (BNA-GCMS)				
018	SW 33-1-0.6			10:28			801SM TP/RTX (COMBINATION)				
019	SW 33-1-0.9			10:33			801SM TP/RTX (Diesel-GC)				
020	SW 33-1-1.5			10:41			801SM TP/RTX (Diesel-GC)				
021	SW 33-2-S			10:48			801SM TP/RTX (Diesel-GC)				
022	SW 33-2-0.3			10:20			801SM TP/RTX (Diesel-GC)				
023	SW 33-2-0.6			10:25			801SM TP/RTX (Diesel-GC)				
024	SW 33-2-0.9			10:31			801SM TP/RTX (Diesel-GC)				
025	SW 33-2-1.5			10:40			801SM TP/RTX (Diesel-GC)				

**LAB USE ONLY:**  
 TAT: A= Overnight ≤ 24 hr  
 B= Emergency Next workday  
 C= Critical 2 Workdays  
 D= Urgent 3 Workdays  
 E= Routine 7 Workdays  
 Preservatives: H=Hcl N=HNO<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C  
 J=NaOH K=NaOAc L=NaCl M=NaF P=Na<sub>2</sub>CO<sub>3</sub> Q=Na<sub>2</sub>SO<sub>4</sub> R=Na<sub>2</sub>PO<sub>4</sub> S=Na<sub>2</sub>PO<sub>3</sub> T=Na<sub>2</sub>PO<sub>3</sub> U=Na<sub>2</sub>PO<sub>3</sub> V=Na<sub>2</sub>PO<sub>3</sub> W=Na<sub>2</sub>PO<sub>3</sub> X=Na<sub>2</sub>PO<sub>3</sub> Y=Na<sub>2</sub>PO<sub>3</sub> Z=Na<sub>2</sub>PO<sub>3</sub>

# CHAIN OF CUSTODY RECORD

## FOR LABORATORY USE ONLY:

**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

Sample Condition Upon Receipt:  
 1. CHILLED Y  N  4. SEALED Y  N   
 2. HEADSPACE (VOA) Y  N  5. # OF SPLS MATCH COC Y  N   
 3. CONTAINER INTACT Y  N  6. PRESERVED Y  N

Method of Transport:  
 Walk-in  Courier   
 UPS  FED. EXP.  ATL

P.O.#: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Logged By: \_\_\_\_\_

Address: 6970 Flanders Drive  
 City: San Diego State: CA Zip Code: 92121  
 TEL: (858) 558-6100 FAX: (858) 558-6137

Client: **GEOCON ENVIRONMENTAL - SAN DIEGO**  
 Attn: **CHRIS KING**  
 Project Name: **Rte 60-EA 496101** Project #: **9100-06-32** Sampler: **GCA**  
 Relinquished by: (Signature and Printed Name) **[Signature] GCS** Date: **3/26** Time: **6:15**  
 Received by: (Signature and Printed Name) **[Signature] GCS** Date: **3/26/02** Time: **6:10**  
 Relinquished by: (Signature and Printed Name) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Received by: (Signature and Printed Name) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Special Instructions/Comments: **See Page 1**

Send Report To:  
 Attn: **Client**  
 Co: **Client**  
 Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Bill To:  
 Attn: **Client**  
 Co: **Client**  
 Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

LAB USE ONLY: Batch #:	Lab No.	Sample Description	Sample I.D.	Date	Time	CIRCLE APPROPRIATE MATRIX		PRESERVATION	REMARKS
						OTHER	CONTAINER(S)		
-026	SW33-3-S			3/26	10:20	<input checked="" type="checkbox"/>	A	TAT=A	600 Total Lead only
-027	SW33-3-0.3			10:24	10:26	<input type="checkbox"/>			All other tests
-028	SW33-3-0.6			10:29	10:33	<input type="checkbox"/>			TAT=E
-029	SW33-3-0.9			10:33	10:40	<input type="checkbox"/>			
-030	SW33-3-1.5			10:40	10:46	<input type="checkbox"/>			
-031	SW33-4-S			10:46	10:45	<input type="checkbox"/>			
-032	SW33-4-0.3			10:46	10:50	<input type="checkbox"/>			
-033	SW33-5-S			10:45	10:53	<input type="checkbox"/>			
-034	SW33-5-0.3			10:50		<input type="checkbox"/>			
-035	SW33-5-0.6			10:53		<input type="checkbox"/>			

Unless otherwise requested, all samples will be disposed 45 days after receipt.  
 \* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Container Types: T=Tube V=VOA L=Liter P=Pin J=Jar B=Bedlar G=Glass P=Plastic M=Metal  
 Routine: E=7 Workdays U=Urgent D=3 Workdays  
 Critical: C=2 Workdays  
 Emergency: A=Overnight ≤ 24 hr B=Next workday  
 TAT: A= following day if samples received after 5 p.m. V=VOA L=Liter P=Pin J=Jar B=Bedlar G=Glass P=Plastic M=Metal  
 Preservatives: H=HCl N=HNO<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C Z=Zn(Ac)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub>

# CHAIN OF CUSTODY RECORD

## FOR LABORATORY USE ONLY:

**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

Client: **GEOCON ENVIRONMENTAL - SAN DIEGO**  
 Attn: **Chris King**

Address: 6970 Flanders Drive  
 City: San Diego State: CA Zip Code: 92121

Method of Transport:  
 Walk-in  Courter  UPS  FED. EXP.  ATL

Sample Conditions Upon Receipt:  
 1. CHILLED  4. SEALED  Y  N   
 2. HEADSPACE (VOA)  5. # OF SPLS MATCH COC Y  N   
 3. CONTAINER INTACT Y  N  6. PRESERVED Y  N

TEL: ( 858 ) 558-6100  
 FAX: ( 858 ) 558-8437

Project Name: **Re 60-EA-496101** Project #: **9100-06-32** Sampler: **CSK**

Relinquished by: (Signature and Printed Name) **CSK** Date: **3-26-02** Time: **7:10P**

Relinquished by: (Signature and Printed Name) **AKG** Date: **3-26-02** Time: **7:10P**

Relinquished by: (Signature and Printed Name) **AKG** Date: **3-26-02** Time: **7:10P**

Received by: (Signature and Printed Name) **Client** Date: **3-26-02** Time: **7:10P**

Received by: (Signature and Printed Name) **Client** Date: **3-26-02** Time: **7:10P**

Received by: (Signature and Printed Name) **Client** Date: **3-26-02** Time: **7:10P**

Special Instructions/Comments:  
**See Page 1**

Bill To:  
 Attn: **Client**  
 Co: **Client**  
 Address: **Client**  
 City: **Client** State: **Client** Zip: **Client**

LAB USE ONLY: Batch #:	Lab No.	Sample Description	Sample I.D.	Date / Time		Circle or Add Analysis(es) Requested	CIRCLE APPROPRIATE MATRIX	PRESERVATION	Q A / Q C
				Date	Time				
	036	SW33-6-5		3/26	10:56	801 / 802 (Packd/PCB-GC)	WATER • WASTEWATER	RTNE <input type="checkbox"/>	TAT = A
	037	SW33-6-0.3			11:00	8015M TPH/PTX (COMBINATION)	WATER • WASTEWATER	RWOCB <input type="checkbox"/>	For formal lead only.
	034	SW33-6-0.6			11:06	8015M TPH/PTX (COMBINATION)	WATER • WASTEWATER	WIP <input type="checkbox"/>	All other tests
	039	SW33-7-0.5			11:00	8015M TPH/PTX (COMBINATION)	WATER • WASTEWATER	NAVY <input type="checkbox"/>	TAT = A
	040	SW33-7-0.3			11:04	8015M TPH/PTX (COMBINATION)	WATER • WASTEWATER	CT <input checked="" type="checkbox"/>	Other tests
	041	SW33-7-0.6			11:18	8015M TPH/PTX (COMBINATION)	WATER • WASTEWATER	OTHER <input type="checkbox"/>	TAT = A
	042	SW33-8-5			11:24	8015M TPH/PTX (COMBINATION)	WATER • WASTEWATER		
	043	SW33-8-0.3			11:30	8015M TPH/PTX (COMBINATION)	WATER • WASTEWATER		
	044	SW33-9-5			11:33	8015M TPH/PTX (COMBINATION)	WATER • WASTEWATER		
	045	SW33-9-0.3			11:35	8015M TPH/PTX (COMBINATION)	WATER • WASTEWATER		

LAB USE ONLY:  
 TAT: A = 24 hr  
 B = Emergency Next workday  
 C = Critical 2 Workdays  
 D = Urgent 3 Workdays  
 E = Routine 7 Workdays

Preservatives:  
 H=HCl N=HNO<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C  
 J=JAC NaO NaO

# CHAIN OF CUSTODY RECORD



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

### FOR LABORATORY USE ONLY:

Method of Transport  
 Walk-in  
 Courier  
 UPS  
 FED. EXP.  
 ATL

Sample Condition Upon Receipt  
 1. CHILLED  Y  N  4. SEALED  Y  N   
 2. HEADSPACE (VOA)  Y  N  5. # OF SPLS MATCH COC  Y  N   
 3. CONTAINER INTACT  Y  N  6. PRESERVED  Y  N

Client: **GEOCON ENVIRONMENTAL - SAN DIEGO**  
 Address: 6970 Flanders Drive  
 City: San Diego State: CA Zip Code: 92121  
 TEL: ( 858 ) 558-6100 FAX: ( 858 ) 558-8437

Project Name: **Rte 60 - EA-496101** Project #: **9109-06-32** Sampler: **GA**  
 Relinquished by: (Signature and Printed Name) *[Signature]* Date: **3-26-02** Time: **8:15**  
 Relinquished by: (Signature and Printed Name) *[Signature]* Date: **3-26-02** Time: **7:10P**  
 Relinquished by: (Signature and Printed Name) *[Signature]* Date: \_\_\_\_\_ Time: \_\_\_\_\_

I hereby authorize ATL to perform the work indicated below:  
 Project Mgr /Submitter: *[Signature]* Date: **3/26/02**  
 Print Name: \_\_\_\_\_ Date: \_\_\_\_\_

Send Report To:  
 Attn: \_\_\_\_\_  
 Co: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Bill To:  
 Attn: \_\_\_\_\_  
 Co: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Special Instructions/Comments:  
**See Page 1**

LAB USE ONLY: Batch #:	Lab No.	Sample Description	Sample I.D.	Date	Time	Circle or Add Analysis(es) Requested		Circle Appropriate Matrix		TAT	#	Type	Container(s)	RESERVATION	Q A / Q C	REMARKS
						801 (Volatiles-GMS)	825 / 8270 (BNA-GMS)	801SM TPHG/BTEX (COMBINATION)	801SM TPHD (Desal-GC)							
	-046	SW 33-9-0.6		3/26	11:38											TAT=A 60' total lead only.
	-047	SW 33-9-0.9			11:41											All other tests
	-048	SW 33-10-5			11:36											
	-049	SW 33-10-0.3			11:46											
	-050	SW 33-11-5			11:30											TAT=E
	-051	SW 33-11-0.3			11:40											
	-052	SW 33-12-5			11:45											
	-153	SW 33-12-0.3			12:00											
	-054	SW 33-13-5			11:45											
	-055	SW 33-13-0.3			12:00											

Preservatives:  
 H=HCl N=HNO<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C  
 Z=Zn(Ac)<sub>2</sub> O=NaOH T=Na<sub>2</sub>SO<sub>4</sub>

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Beaker G=Glass P=Plastic M=Metal

Urgent:  D=3 Workdays  
 Routine:  E=7 Workdays  
 Critical:  C=2 Workdays  
 Emergency:  B=Next workday  
 TAT: A= Overnight ≤ 24 hr

\* TAT starts 8 a.m. following day if samples received after 5 p.m.

# CHAIN OF CUSTODY RECORD

## FOR LABORATORY USE ONLY:

**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

**Client:** GEOCON ENVIRONMENTAL - SAN DIEGO  
**Attn:** CHRIS KICCO

**Method of Transport:**  
 Walk-in  Courier  UPS  FED. EXP.  ATL   
 1. CHILLED  2. HEADSPACE (VOA)  3. CONTAINER INTACT  4. SEALED  5. # OF SPLS MATCH COC  6. PRESERVED

**Sample Condition Upon Receipt:**  
 Y  N  Y  N  Y  N

**Logged By:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**P.O.#:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Address:** 6970 Flanders Drive, San Diego, CA 92121  
**TEL:** (858) 558-6100 **FAX:** (858) 558-8437

**Project Name:** Rte 60 - EA 6960 Project #: 9100-06-32  
**Sampler:** CCA  
**Received by:** (Signature and Printed Name) \_\_\_\_\_ **Date:** 3/26/02 **Time:** 6:15  
**Received by:** (Signature and Printed Name) \_\_\_\_\_ **Date:** 3/26/02 **Time:** 7:10  
**Received by:** (Signature and Printed Name) \_\_\_\_\_ **Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Special Instructions/Comments:**  
 See Page 1

**Send Report To:**  
**Attn:** \_\_\_\_\_ **Address:** \_\_\_\_\_ **City:** \_\_\_\_\_ **State:** \_\_\_\_\_ **Zip:** \_\_\_\_\_  
**Attn:** \_\_\_\_\_ **Address:** \_\_\_\_\_ **City:** \_\_\_\_\_ **State:** \_\_\_\_\_ **Zip:** \_\_\_\_\_

**Circle or Add Analysis(es) Requested:**  
 801 / 802 (pesticides/PCB-GC)   
 820 (Volatiles-GCMS)   
 825 / 8270 (BNA-GCMS)   
 801SM THGIBTEX (COMBINATION)   
 801SM THGIBTEX (COMBINATION)   
 801SM THPD (Residual-GC)   
 801SM THPD (Residual-GC)

LAB USE ONLY: Batch #: Lab No.	Sample Description	Sample I.D.	Date	Time	CIRCLE APPROPRIATE MATRIX		Container(s)	TAT #	Type	REMARKS
					OTHER	WIFE • FILTER				
-057	SW 33-14-5	SW 33-14-5	3/24	11:30	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A	15	G	TAT = A for Tetra lead only All other tests TAT = E
-057	SW 33-14-0.3	SW 33-14-0.3		11:54	<input type="checkbox"/>	<input type="checkbox"/>				
-058	SW 33-14-0.6	SW 33-14-0.6		11:59	<input type="checkbox"/>	<input type="checkbox"/>				
-059	SW 33-14-0.9	SW 33-14-0.9		12:05	<input type="checkbox"/>	<input type="checkbox"/>				
-060	SW 33-15-5	SW 33-15-5		11:50	<input type="checkbox"/>	<input type="checkbox"/>				
-061	SW 33-15-0.3	SW 33-15-0.3		11:58	<input type="checkbox"/>	<input type="checkbox"/>				
-062	SW 33-15-0.6	SW 33-15-0.6		12:00	<input type="checkbox"/>	<input type="checkbox"/>				
-063	SW 33-15-0.9	SW 33-15-0.9		12:03	<input type="checkbox"/>	<input type="checkbox"/>				
-064	SW 33-15-1.5	SW 33-15-1.5		12:06	<input type="checkbox"/>	<input type="checkbox"/>				
-065	SW 31-1-5	SW 31-1-5		1:40	<input type="checkbox"/>	<input type="checkbox"/>				

**LAB USE ONLY:**  
 TAT: A = Overnight ≤ 24 hr  
 B = Emergency Next workday  
 C = Critical 2 Workdays  
 D = Urgent 3 Workdays  
 E = Routine 7 Workdays

**Preservatives:**  
 H=HCl N=HNO<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C  
 I=ACID NaO

**Other:** \_\_\_\_\_



# CHAIN OF CUSTODY RECORD

FOR LABORATORY USE ONLY:

**Advanced Technology Laboratories**  
 3275 Walnut Avenue  
 Signal Hill, CA 90807  
 (562) 989-4045 • FAX (562) 989-4040

**Client:** GEOCON ENVIRONMENTAL - SAN DIEGO  
**Address:** 6970 Flanders Drive  
 City: San Diego State: CA Zip Code: 92121  
 TEL: ( 858 ) 558-6100  
 FAX: ( 858 ) 558-8437

**Method of Transport:**  
 Walk-in  Courier  UPS  FED. EXP.  ATL   
**Sample Condition Upon Receipt:**  
 1. CHILLED Y  N  4. SEALED Y  N   
 2. HEADSPACE (VOA) Y  N  5. # OF SPLS MATCH COC Y  N   
 3. CONTAINER INTACT Y  N  6. PRESERVED Y  N

**Method of Transport:**  
 Walk-in  Courier  UPS  FED. EXP.  ATL   
**Sample Condition Upon Receipt:**  
 1. CHILLED Y  N  4. SEALED Y  N   
 2. HEADSPACE (VOA) Y  N  5. # OF SPLS MATCH COC Y  N   
 3. CONTAINER INTACT Y  N  6. PRESERVED Y  N

**Project Name:** Rte 60-5A 49601  
**Project #:** 9100-06-32  
**Sampler:** [Signature]  
**Received by:** [Signature and Printed Name] Date: 3/26 Time: 6:15  
**Received by:** [Signature and Printed Name] Date: 3/26 Time: 7:10  
**Received by:** [Signature and Printed Name] Date: [ ] Time: [ ]

**Relinquished by:** [Signature and Printed Name] Date: [ ] Time: [ ]  
**Relinquished by:** [Signature and Printed Name] Date: [ ] Time: [ ]  
**Relinquished by:** [Signature and Printed Name] Date: [ ] Time: [ ]

**Special Instructions/Comments:**  
 See Page 1

**Bill To:** Client  
**Attn:** Client  
**Co:** Client  
**Address:** Client  
**City:** Client  
**State:** Client  
**Zip:** Client

**Circle or Add Analysis(es) Requested:**  
 8280 Volatiles/GCMS  
 825 / 8270 (BNA-GCMS)  
 8015M TPH/STEX (COMBINATION)  
 8015M TPH/D (Isol-GC)  
 Total Lead/COP

LAB USE ONLY: Batch #	Sample I.D.	Sample Description	Date		Time	REMARKS
			Sample I.D.	Date		
-076	SW31-5-5			3/26	2:10	TAT=A
-077	SW31-5-013				2:15	factory
-078	SW31-6-5				2:18	lead only
-079	SW31-6-013				2:20	All other
-080	SW31-7-5				2:25	Tests
-081	SW31-7-013				2:20	TAT=E
-082	SW31-7-016				2:30	
-083	SW31-8-5				2:30	
-084	SW31-8-013				2:32	
-185	SW31-8-016				2:36	

**LAB USE ONLY:**  
 TAT: A = Overnight ≤ 24 hr  
 B = Next workday  
 C = Critical 2 Workdays  
 D = Urgent 3 Workdays  
 E = Routine 7 Workdays  
 P = F  
 J = Ja  
 F = Ted  
 B = G  
 M =

**Preservatives:**  
 H=HCl N=HNO<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C  
 NaOH Na<sub>2</sub>CO<sub>3</sub>

# CHAIN OF CUSTODY RECORD

FOR LABORATORY USE ONLY:



3275 Walnut Avenue  
Signal Hill, CA 90807  
(562) 989-4045 • FAX (562) 989-4040

P.O.#: \_\_\_\_\_  
 Method of Transport:  Walk-in,  Courier,  UPS,  FED. EXP.,  ATL  
 Logged By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Sample Condition Upon Receipt:  1. CHILLED,  2. HEADSPACE (VOA),  3. CONTAINER INTACT  
 4. SEALED,  5. # OF SPLS MATCH COC,  6. PRESERVED

Client: **GEACON ENVIRONMENTAL - SAN DIEGO**  
 Address: 6970 Flanders Drive, City: San Diego, State: CA, Zip Code: 92121  
 TEL: (858) 558-6100, FAX: (858) 558-8437

Project Name: **FEA 1960** Project #: **09100-06-32** Sampler: **GC**  
 Relinquished by: (Signature and Printed Name) **[Signature]** Date: **3/26/02** Time: **1:15P**  
 Relinquished by: (Signature and Printed Name) **[Signature]** Date: **3/26/02** Time: **7:09P**  
 Relinquished by: (Signature and Printed Name) **[Signature]** Date: \_\_\_\_\_ Time: \_\_\_\_\_

I hereby authorize ATL to perform the work indicated below:  
 Project Mgr/Submitter: **[Signature]** 3/26 (Date)  
 Signature: \_\_\_\_\_  
 Bill To: **Client** Attn: \_\_\_\_\_  
 Co: \_\_\_\_\_ Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Special Instructions/Comments: **See page 1**

LAB USE ONLY: Batch #	Lab No.	Sample Description	Sample I.D.	Date	Time	CIRCLE APPROPRIATE MATRIX		PRESERVATION	REMARKS
						Container(s)	Type		
	686	SW31-9-S	3/26	2:33					AT=A for 15 min lead only
	687	SW31-9-0.3		2:39					All other tests
	688	SW31-10-S		2:45					
	689	SW31-10-0.3		2:53					
	690	SW31-10-0.6		3:00					
	691	SW31-10-0.9		3:05					
	692	SW31-10-1.5		3:10					

Unless otherwise requested, all samples will be disposed 45 days after receipt.  
 \* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.  
 TAT: A= Overnight (≤ 24 hr), B= Emergency Next workday, C= Critical 2 Workdays, D= Urgent 3 Workdays, E= Routine 7 Workdays  
 Container Types: T=Tube, V=VOA, L=Liter, P=Pin, J=Jar, B=Tedlar, G=Glass, P=Plastic, M=Metal  
 Preservatives: H=HCl, N=HNO<sub>3</sub>, S=H<sub>2</sub>SO<sub>4</sub>, C=4°C, Z=Zn(Ac)<sub>2</sub>, O=NaOH, T=Na<sub>2</sub>SO<sub>4</sub>

**Diane**

---

**From:** Greg Adams [adams@geoconinc.com]  
**Sent:** Wednesday, March 27, 2002 10:07 AM  
**To:** diane@atglobal.com



Diane,

Here is the Lab info for our project number 9100-06-32.

Regarding Title 22 Metals there should be 54 samples run all together.

Two

for each area, the areas are written on the chains and jars as SW##, for what ever the number is. The sound wall areas are as follows:

SW67, SW69, SW71, SW75, SW79, SW81, SW85, SW68, SW72, SW78, SW82, SW34, SW38, SW40, SW44, SW20, SW20A, SW22, SW26, SW30, SW7, SW9, SW11, SW15, SW27,

SW31, and SW33.

The Title 22's should be taken from the two samples from each area with the

highest total lead.

The turn around time for this entire project is 24 hours for total lead and

Title 22 Metals and normal for the WET, TCLP and pH.

Greg C. Adams  
Staff Environmental Scientist  
Geocon Consultants, Inc.

# Advanced Technology Laboratories

Print Date: 28-Mar-02

<b>CLIENT:</b>	Geocon Environmental	<b>Test No:</b>	EPA 6010B
<b>Lab Order:</b>	056076	<b>Units:</b>	mg/Kg
<b>Project:</b>	Rte 60-EA002101- 09100-06-32	<b>Analyst:</b>	RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056076-001A	SW44-1-S	Soil	3/26/02	8069	730	5		1	3/27/02
056076-002A	SW44-1-0.3	Soil	3/26/02	8069	25	5		1	3/27/02
056076-003A	SW44-2-S	Soil	3/26/02	8069	750	5		1	3/27/02
056076-004A	SW44-2-0.3	Soil	3/26/02	8069	160	5		1	3/27/02
056076-005A	SW44-2-0.6	Soil	3/26/02	8069	17	5		1	3/27/02
056076-006A	SW44-2-0.9	Soil	3/26/02	8069	31	5		1	3/27/02
056076-007A	SW44-3-S	Soil	3/26/02	8069	1100	5		1	3/27/02
056076-008A	SW44-3-0.3	Soil	3/26/02	8069	1600	5		1	3/27/02
056076-009A	SW44-4-S	Soil	3/26/02	8069	160	5		1	3/27/02
056076-010A	SW44-4-0.3	Soil	3/26/02	8069	11	5		1	3/27/02
056076-011A	SW44-5-S	Soil	3/26/02	8069	220	5		1	3/27/02
056076-012A	SW44-5-0.3	Soil	3/26/02	8069	27	5		1	3/27/02

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interference.
	J - Analyte detected below quantitation limits	H - Samples exceeding analytical holding time
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	DO - Surrogate Diluted Out	M - Not Monitored. Highly Reactive

Initials: 



# Advanced Technology Laboratories

Print Date: 28-Mar-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 056076  
**Project:** Rte 60-EA002101- 09100-06-32

**Test No:** EPA 6010B  
**Units:** mg/Kg  
**Analyst:** RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056076-013A	SW44-6-S	Soil	3/26/02	8069	96	5		1	3/27/02
056076-014A	SW44-6-0.3	Soil	3/26/02	8069	440	5		1	3/27/02
056076-015A	SW44-6-0.6	Soil	3/26/02	8069	12	5		1	3/27/02
056076-016A	SW33-1-S	Soil	3/26/02	8069	110	5		1	3/27/02
056076-017A	SW33-1-0.3	Soil	3/26/02	8069	34	5		1	3/27/02
056076-018A	SW33-1-0.6	Soil	3/26/02	8069	5.0	5		1	3/27/02
056076-019A	SW33-1-0.9	Soil	3/26/02	8069	6.0	5		1	3/27/02
056076-020A	SW33-1-1.5	Soil	3/26/02	8069	6.5	5		1	3/27/02
056076-021A	SW33-2-S	Soil	3/26/02	8070	190	5		1	3/27/02
056076-022A	SW33-2-0.3	Soil	3/26/02	8070	11	5		1	3/27/02
056076-023A	SW33-2-0.6	Soil	3/26/02	8070	21	5		1	3/27/02
056076-024A	SW33-2-0.9	Soil	3/26/02	8070	8.0	5		1	3/27/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

Initials:     



**Advanced Technology Laboratories**

Print Date: 28-Mar-02

<b>Client:</b>	Geocon Environmental	<b>Test No:</b>	EPA 6010B
<b>Lab Order:</b>	056076	<b>Units:</b>	mg/Kg
<b>Project:</b>	Rte 60-EA002101- 09100-06-32	<b>Analyst:</b>	RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
56076-025A	SW33-2-1.5	Soil	3/26/02	8070	11	5	1		3/27/02
56076-026A	SW33-3-S	Soil	3/26/02	8070	280	5	1		3/27/02
56076-027A	SW33-3-0.3	Soil	3/26/02	8070	8.7	5	1		3/27/02
56076-028A	SW33-3-0.6	Soil	3/26/02	8070	8.2	5	1		3/27/02
56076-029A	SW33-3-0.9	Soil	3/26/02	8070	8.3	5	1		3/27/02
056076-030A	SW33-3-1.5	Soil	3/26/02	8070	6.8	5	1		3/27/02
056076-031A	SW33-4-S	Soil	3/26/02	8070	180	5	1		3/27/02
056076-032A	SW33-4-0.3	Soil	3/26/02	8070	11	5	1		3/27/02
056076-033A	SW33-5-S	Soil	3/26/02	8070	83	5	1		3/27/02
056076-034A	SW33-5-0.3	Soil	3/26/02	8070	15	5	1		3/27/02
056076-035A	SW33-5-0.6	Soil	3/26/02	8070	5.4	5	1		3/27/02
056076-036A	SW33-6-S	Soil	3/26/02	8070	210	5	1		3/27/02

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike/Surrogate outside of limits due to matrix interference.	
	J - Analyte detected below quantitation limits	H - Samples exceeding analytical holding time	<b>Initials:</b> 
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	
	DO - Surrogate Diluted Out	M - Not Monitored, Highly Reactive	3

# Advanced Technology Laboratories

Print Date: 28-Mar-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 056076  
**Project:** Rte 60-EA002101- 09100-06-32

**Test No:** EPA 6010B  
**Units:** mg/Kg  
**Analyst:** RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056076-037A	SW33-6-0.3	Soil	3/26/02	8070	18	5	1		3/27/02
056076-038A	SW33-6-0.6	Soil	3/26/02	8070	14	5	1		3/27/02
056076-039A	SW33-7-S	Soil	3/26/02	8070	76	5	1		3/27/02
056076-040A	SW33-7-0.3	Soil	3/26/02	8070	76	5	1		3/27/02
056076-041A	SW33-7-0.6	Soil	3/26/02	8071	36	5	1		3/27/02
056076-042A	SW33-8-S	Soil	3/26/02	8071	210	5	1		3/27/02
056076-043A	SW33-8-0.3	Soil	3/26/02	8071	130	5	1		3/27/02
056076-044A	SW33-9-S	Soil	3/26/02	8071	150	5	1		3/27/02
056076-045A	SW33-9-0.3	Soil	3/26/02	8071	16	5	1		3/27/02
056076-046A	SW33-9-0.6	Soil	3/26/02	8071	8.7	5	1		3/27/02
056076-047A	SW33-9-0.9	Soil	3/26/02	8071	10	5	1		3/27/02
056076-048A	SW33-10-S	Soil	3/26/02	8071	420	5	1		3/27/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

Initials:           



**Advanced Technology Laboratories**

Print Date: 28-Mar-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 056076  
**Project:** Rte 60-EA002101- 09100-06-32

**Test No:** EPA 6010B  
**Units:** mg/Kg  
**Analyst:** RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056076-049A	SW33-10-0.3	Soil	3/26/02	8071	110	5		1	3/27/02
056076-050A	SW33-11-S	Soil	3/26/02	8071	110	5		1	3/27/02
056076-051A	SW33-11-0.3	Soil	3/26/02	8071	97	5		1	3/27/02
056076-052A	SW33-12-S	Soil	3/26/02	8071	47	5		1	3/27/02
056076-053A	SW33-12-0.3	Soil	3/26/02	8071	13	5		1	3/27/02
056076-054A	SW33-13-S	Soil	3/26/02	8071	96	5		1	3/27/02
056076-055A	SW33-13-0.3	Soil	3/26/02	8071	23	5		1	3/27/02
056076-056A	SW33-14-S	Soil	3/26/02	8071	61	5		1	3/27/02
056076-057A	SW33-14-0.3	Soil	3/26/02	8071	7.0	5		1	3/27/02
056076-058A	SW33-14-0.6	Soil	3/26/02	8071	7.4	5		1	3/27/02
056076-059A	SW33-14-0.9	Soil	3/26/02	8071	8.8	5		1	3/27/02
056076-060A	SW33-15-S	Soil	3/26/02	8071	49	5		1	3/27/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

**Initials:** 



# Advanced Technology Laboratories

Print Date: 28-Mar-02

CLIENT: Geocon Environmental  
 Lab Order: 056076  
 Project: Rte 60-EA002101- 09100-06-32

Test No: EPA 6010B  
 Units: mg/Kg  
 Analyst: RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056076-061A	SW33-15-0.3	Soil	3/26/02	8072	7.8	5		1	3/27/02
056076-062A	SW33-15-0.6	Soil	3/26/02	8072	6.1	5		1	3/27/02
056076-063A	SW33-15-0.9	Soil	3/26/02	8072	ND	5		1	3/27/02
056076-064A	SW33-15-1.5	Soil	3/26/02	8072	ND	5		1	3/27/02
056076-065A	SW31-1-S	Soil	3/26/02	8072	150	5		1	3/27/02
056076-066A	SW31-1-0.3	Soil	3/26/02	8072	20	5		1	3/27/02
056076-067A	SW31-1-0.6	Soil	3/26/02	8072	25	5		1	3/27/02
056076-068A	SW31-2-S	Soil	3/26/02	8072	82	5		1	3/27/02
056076-069A	SW31-2-0.3	Soil	3/26/02	8072	25	5		1	3/27/02
056076-070A	SW31-2-0.6	Soil	3/26/02	8072	9.4	5		1	3/27/02
056076-071A	SW31-3-S	Soil	3/26/02	8072	170	5		1	3/27/02
056076-072A	SW31-3-0.3	Soil	3/26/02	8072	11	5		1	3/27/02

Qualifiers: ND - Not Detected at the Reporting Limit  
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 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

Initials:           



# Advanced Technology Laboratories

Print Date: 28-Mar-02

CLIENT: Geocon Environmental  
 Lab Order: 056076  
 Project: Rte 60-EA002101- 09100-06-32

Test No: EPA 6010B  
 Units: mg/Kg  
 Analyst: RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056076-073A	SW31-4-S	Soil	3/26/02	8072	63	5	1		3/27/02
056076-074A	SW31-4-0.3	Soil	3/26/02	8072	44	5	1		3/27/02
056076-075A	SW31-4-0.6	Soil	3/26/02	8072	6.9	5	1		3/27/02
056076-076A	SW31-5-S	Soil	3/26/02	8072	56	5	1		3/27/02
056076-077A	SW31-5-0.3	Soil	3/26/02	8072	33	5	1		3/27/02
056076-078A	SW31-6-S	Soil	3/26/02	8072	250	5	1		3/27/02
056076-079A	SW31-6-0.3	Soil	3/26/02	8072	11	5	1		3/27/02
056076-080A	SW31-7-S	Soil	3/26/02	8072	32	5	1		3/27/02
056076-081A	SW31-7-0.3	Soil	3/26/02	8073	ND	5	1		3/27/02
056076-082A	SW31-7-0.6	Soil	3/26/02	8073	ND	5	1		3/27/02
056076-083A	SW31-8-S	Soil	3/26/02	8073	320	5	1		3/27/02
056076-084A	SW31-8-0.3	Soil	3/26/02	8073	47	5	1		3/27/02

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

Initials: 

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# Advanced Technology Laboratories

Print Date: 28-Mar-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 056076  
**Project:** Rte 60-EA002101- 09100-06-32

**Test No:** EPA 6010B  
**Units:** mg/Kg  
**Analyst:** RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056076-085A	SW31-8-0.6	Soil	3/26/02	8073	11	5		1	3/27/02
056076-086A	SW31-9-S	Soil	3/26/02	8073	58	5		1	3/27/02
056076-087A	SW31-9-0.3	Soil	3/26/02	8073	13	5		1	3/27/02
056076-088A	SW31-10-S	Soil	3/26/02	8073	95	5		1	3/27/02
056076-089A	SW31-10-0.3	Soil	3/26/02	8073	12	5		1	3/27/02
056076-090A	SW31-10-0.6	Soil	3/26/02	8073	6.6	5		1	3/27/02
056076-091A	SW31-10-0.9	Soil	3/26/02	8073	6.0	5		1	3/27/02
056076-092A	SW31-10.1.5	Soil	3/26/02	8073	ND	5		1	3/27/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

Initials:     

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**Advanced Technology Laboratories**

Print Date: 28-Mar-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 056076  
**Project:** Rte 60-EA002101- 09100-06-32

**Test No:** EPA 9045C  
**Units:** pH Units  
**Analyst:** CA

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	pH	PQL	Qual	DF	Analysis Date
056076-001A	SW44-1-S	Soil	3/26/02	R16530	7.40	0.1		1	3/28/02
056076-010A	SW44-4-0.3	Soil	3/26/02	R16530	8.64	0.1		1	3/28/02
056076-020A	SW33-1-1.5	Soil	3/26/02	R16530	7.72	0.1		1	3/28/02
056076-030A	SW33-3-1.5	Soil	3/26/02	R16530	7.11	0.1		1	3/28/02
056076-040A	SW33-7-0.3	Soil	3/26/02	R16530	6.07	0.1		1	3/28/02
056076-050A	SW33-11-S	Soil	3/26/02	R16530	6.19	0.1		1	3/28/02
056076-060A	SW33-15-S	Soil	3/26/02	R16530	4.57	0.1		1	3/28/02
056076-070A	SW31-2-0.6	Soil	3/26/02	R16530	7.85	0.1		1	3/28/02
056076-080A	SW31-7-S	Soil	3/26/02	R16530	6.27	0.1		1	3/28/02
056076-090A	SW31-10-0.6	Soil	3/26/02	R16530	7.46	0.1		1	3/28/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
H - Samples exceeding analytical holding time  
E - Value above quantitation range  
M - Not Monitored. Highly Reactive

Initials: 

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Advanced Technology Laboratories

Date: 28-Mar-02

CLIENT: Geocon Environmental

Work Order: 056076

Project: Rte 60-EA002101-09100-06-32

QC SUMMARY REPORT

Method Blank

Sample ID	MB-8069A	Batch ID:	8069	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/27/02	Prep Date:	3/27/02	
MBLK						SeqNo:	253368				
Analyte	Lead	Result	ND	PQL	5.0	SPK value	SPK Ref Val	0	%REC	0	
						LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	MB-8069B	Batch ID:	8069	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/27/02	Prep Date:	3/27/02	
MBLK						SeqNo:	253382				
Analyte	Lead	Result	ND	PQL	5.0	SPK value	SPK Ref Val	0	%REC	0	
						LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	MB-8070A	Batch ID:	8070	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/27/02	Prep Date:	3/27/02	
MBLK						SeqNo:	253450				
Analyte	Lead	Result	ND	PQL	5.0	SPK value	SPK Ref Val	0	%REC	0	
						LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	MB-8070B	Batch ID:	8070	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/27/02	Prep Date:	3/27/02	
MBLK						SeqNo:	253451				
Analyte	Lead	Result	ND	PQL	5.0	SPK value	SPK Ref Val	0	%REC	0	
						LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	MB-8072A	Batch ID:	8072	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/27/02	Prep Date:	3/27/02	
MBLK						SeqNo:	253604				
Analyte	Lead	Result	ND	PQL	5.0	SPK value	SPK Ref Val	0	%REC	0	
						LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 M - Not Monitored. Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference  
 DO - Surrogate Diluted Out

Initials:                     

All calculations are based on raw values.



# QC SUMMARY REPORT

Method Blank

CLIENT: Geocon Environmental  
Work Order: 056076  
Project: Rte 60-EA002101- 09100-06-32

Sample ID	MB-8072B	Batch ID:	8072	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/27/02	Prep Date:	3/27/02
MBLK										
Analyte										
Result	ND			PQL	5.0					
				SPK value						
				SPK Ref Val	0					
				%REC						
				HighLimit						
				RPD Ref Val	0					
				%RPD						
				RPDLimit						
				Qual						

Sample ID	MB-8073A	Batch ID:	8073	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/27/02	Prep Date:	3/27/02
MBLK										
Analyte										
Result	ND			PQL	5.0					
				SPK value						
				SPK Ref Val	0					
				%REC						
				HighLimit						
				RPD Ref Val	0					
				%RPD						
				RPDLimit						
				Qual						

Sample ID	MB-8073B	Batch ID:	8073	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/27/02	Prep Date:	3/27/02
MBLK										
Analyte										
Result	ND			PQL	5.0					
				SPK value						
				SPK Ref Val	0					
				%REC						
				HighLimit						
				RPD Ref Val	0					
				%RPD						
				RPDLimit						
				Qual						

Sample ID	MB-8071A	Batch ID:	8071	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/27/02	Prep Date:	3/27/02
MBLK										
Analyte										
Result	ND			PQL	5.0					
				SPK value						
				SPK Ref Val	0					
				%REC						
				HighLimit						
				RPD Ref Val	0					
				%RPD						
				RPDLimit						
				Qual						

Sample ID	MB-8071B	Batch ID:	8071	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/27/02	Prep Date:	3/27/02
MBLK										
Analyte										
Result	ND			PQL	5.0					
				SPK value						
				SPK Ref Val	0					
				%REC						
				HighLimit						
				RPD Ref Val	0					
				%RPD						
				RPDLimit						
				Qual						

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 M - Not Monitored. Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference

DO - Surrogate Diluted Out

Initials:                     

2

All calculations are based on raw values.



Advanced Technology Laboratories

Date: 28-Mar-02

**QC SUMMARY REPORT**  
Sample Duplicate

CLIENT: Geocon Environmental  
Work Order: 056076  
Project: Rte 60-EA002101- 09100-06-32

Sample ID	056076-010ADU	Batch ID:	8069	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/27/02	Prep Date:	3/27/02
DUP						SeqNo:	253380			
Analyte	Result	PQL	5.0	SPK value	0	SPK Ref Val	0	%REC	0	0
Lead	10									11
										10
										30

Sample ID	056076-020ADU	Batch ID:	8069	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/27/02	Prep Date:	3/27/02
DUP						SeqNo:	253393			
Analyte	Result	PQL	5.0	SPK value	0	SPK Ref Val	0	%REC	0	0
Lead	8									6.5
										21
										30

Sample ID	056076-030ADU	Batch ID:	8070	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/27/02	Prep Date:	3/27/02
DUP						SeqNo:	253434			
Analyte	Result	PQL	5.0	SPK value	0	SPK Ref Val	0	%REC	0	0
Lead	7.1									6.8
										4
										30

Sample ID	056076-040ADU	Batch ID:	8070	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/27/02	Prep Date:	3/27/02
DUP						SeqNo:	253446			
Analyte	Result	PQL	5.0	SPK value	0	SPK Ref Val	0	%REC	0	0
Lead	59									76
										26
										30

Sample ID	056076-070ADU	Batch ID:	8072	Test Name	LEAD BY ICP	Units mg/Kg	Analysis Date:	3/27/02	Prep Date:	3/27/02
DUP						SeqNo:	253588			
Analyte	Result	PQL	5.0	SPK value	0	SPK Ref Val	0	%REC	0	0
Lead	12									9.4
										25
										30

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
M - Not Monitored. Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference

Initials:           

All calculations are based on raw values.



# QC SUMMARY REPORT

Sample Duplicate

CLIENT: Geocon Environmental  
Work Order: 056076  
Project: Rte 60-EA002101- 09100-06-32

Sample ID 056076-080ADU Batch ID: 8072 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/27/02 Prep Date: 3/27/02

DUP SeqNo: 253600

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	40	5.0	0	0	0	0	0	32	21	30	

Sample ID 056076-090ADU Batch ID: 8073 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/27/02 Prep Date: 3/27/02

DUP SeqNo: 253616

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	7.1	5.0	0	0	0	0	0	6.6	8	30	

Sample ID 056076-092ADU Batch ID: 8073 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/27/02 Prep Date: 3/27/02

DUP SeqNo: 253620

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5	5.0	0	0	0	0	0	4.6	9	30	

Sample ID 056076-050ADU Batch ID: 8071 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/27/02 Prep Date: 3/27/02

DUP SeqNo: 253636

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	130	5.0	0	0	0	0	0	110	18	30	

Sample ID 056076-060ADU Batch ID: 8071 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/27/02 Prep Date: 3/27/02

DUP SeqNo: 253648

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	32	5.0	0	0	0	0	0	49	42	30	R

Qualifiers: ND - Not Detected at the Reporting Limit B - Analyte detected in the associated Method Blank DO - Surrogate Diluted Out Initials:             
 J - Analyte detected below quantitation limits M - Not Monitored. Highly Reactive  
 R - RPD outside accepted recovery limits S - Spike/Surrogate outside of limits due to matrix interference

All calculations are based on raw values.



**QC SUMMARY REPORT**  
Sample Duplicate

CLIENT: Geocon Environmental  
Work Order: 056076  
Project: Rte 60-EA002101-09100-06-32

Sample ID 056076-090ADU Batch ID: R16530 Test Name pH Units pH Uni Analysis Date: 3/28/02 Prep Date: 3/28/02  
SeqNo: 253904

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	7.5	0.10	0	0	0	0	0	7.5	1	20	

Qualifiers: ND - Not Detected at the Reporting Limit    B - Analyte detected in the associated Method Blank    DO - Surrogate Diluted Out    Initials:   

J - Analyte detected below quantitation limits    M - Not Monitored, Highly Reactive

R - RPD outside accepted recovery limits    S - Spike/Surrogate outside of limits due to matrix interference

All calculations are based on raw values.

Advanced Technology Laboratories

Date: 28-Mar-02

CLIENT: Geocon Environmental  
 Work Order: 056076  
 Project: Rte 60-EA002101-09100-06-32

**QC SUMMARY REPORT**  
 Sample Matrix Spike

Sample ID 056076-010AMS Batch ID: 8069 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/27/02 Prep Date: 3/27/02  
 MS SeqNo: 253381

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	340	5.0	250	11	132	47	128	0			S

Sample ID 056076-020AMS Batch ID: 8069 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/27/02 Prep Date: 3/27/02  
 MS SeqNo: 253394

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	270	5.0	250	6.5	105	47	128	0			

Sample ID 056076-030AMS Batch ID: 8070 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/27/02 Prep Date: 3/27/02  
 MS SeqNo: 253435

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	210	5.0	250	6.8	80	47	128	0			

Sample ID 056076-040AMS Batch ID: 8070 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/27/02 Prep Date: 3/27/02  
 MS SeqNo: 253447

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	250	5.0	250	76	70	47	128	0			

Sample ID 056076-070AMS Batch ID: 8072 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/27/02 Prep Date: 3/27/02  
 MS SeqNo: 253589

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	200	5.0	250	9.4	77	47	128	0			

Qualifiers: ND - Not Detected at the Reporting Limit B - Analyte detected in the associated Method Blank DO - Surrogate Diluted Out Initials:             
 J - Analyte detected below quantitation limits M - Not Monitored, Highly Reactive  
 R - RPD outside accepted recovery limits S - Spike/Surrogate outside of limits due to matrix interference

All calculations are based on raw values.





CLIENT: Geocon Environmental

Work Order: 056076

Project: Rte 60-EA002101-09100-06-32

# QC SUMMARY REPORT

Sample Matrix Spike

Sample ID 056076-080AMS Batch ID: 8072 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/27/02 Prep Date: 3/27/02

MS

SeqNo: 253601

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	250	5.0	250	32	89	47	128	0			

Sample ID 056076-090AMS Batch ID: 8073 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/27/02 Prep Date: 3/27/02

MS

SeqNo: 253617

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	230	5.0	250	6.6	88	47	128	0			

Sample ID 056076-092AMS Batch ID: 8073 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/27/02 Prep Date: 3/27/02

MS

SeqNo: 253621

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	220	5.0	250	4.6	85	47	128	0			

Sample ID 056076-050AMS Batch ID: 8071 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/27/02 Prep Date: 3/27/02

MS

SeqNo: 253637

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	310	5.0	250	110	82	47	128	0			

Sample ID 056076-060AMS Batch ID: 8071 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/27/02 Prep Date: 3/27/02

MS

SeqNo: 253649

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	220	5.0	250	49	67	47	128	0			

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
M - Not Monitored. Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference

DO - Surrogate Diluted Out

Initials:           

All calculations are based on raw values.



Advanced Technology Laboratories

Date: 28-Mar-02

QC SUMMARY REPORT  
Laboratory Control Spike - generic

CLIENT: Geocon Environmental  
Work Order: 056076  
Project: Rte 60-EA002101-09100-06-32

Sample ID LCS-8069 Batch ID: 8069 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/27/02 Prep Date: 3/27/02  
SeqNo: 253369

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	250	5.0	250	0	101	80	120	0			

Sample ID LCS-8070 Batch ID: 8070 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/27/02 Prep Date: 3/27/02  
SeqNo: 253449

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	240	5.0	250	0	95	80	120	0			

Sample ID LCS-8072 Batch ID: 8072 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/27/02 Prep Date: 3/27/02  
SeqNo: 253603

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	230	5.0	250	0	93	80	120	0			

Sample ID LCS-8073 Batch ID: 8073 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/27/02 Prep Date: 3/27/02  
SeqNo: 253623

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	260	5.0	250	0	104	80	120	0			

Sample ID LCS-8071 Batch ID: 8071 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/27/02 Prep Date: 3/27/02  
SeqNo: 253651

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	230	5.0	250	0	94	80	120	0			

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits  
B - Analyte detected in the associated Method Blank  
M - Not Monitored. Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference  
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

**Advanced Technology Laboratories**

Print Date: 4/3/02

**CLIENT:** Geocon Environmental

**Client Sample ID:** SW44-3-S

**Lab Order:** 056076

**Project:** Rte 60-EA002101- 09100-06-32

**Collection Date:** 3/26/02

**Lab ID:** 056076-007A

**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS**

**EPA 6010B**

RunID: ICP2_020402D	BatchID: 8145	PrepDate: 4/2/02	Analyst: JT		
Antimony	2.0	0.25	mg/Kg	1.0	4/2/02
Arsenic	12	0.25	mg/Kg	1.0	4/2/02
Barium	260	0.15	mg/Kg	1.0	4/2/02
Beryllium	ND	0.15	mg/Kg	1.0	4/2/02
Cadmium	1.0	0.15	mg/Kg	1.0	4/2/02
Chromium	44	0.15	mg/Kg	1.0	4/2/02
Cobalt	8.0	0.15	mg/Kg	1.0	4/2/02
Copper	180	0.15	mg/Kg	1.0	4/2/02
Lead	940	0.25	mg/Kg	1.0	4/2/02
Molybdenum	5.0	0.25	mg/Kg	1.0	4/2/02
Nickel	32	0.15	mg/Kg	1.0	4/2/02
Selenium	ND	0.25	mg/Kg	1.0	4/2/02
Silver	0.37	0.15	mg/Kg	1.0	4/2/02
Thallium	ND	0.25	mg/Kg	1.0	4/2/02
Vanadium	34	0.15	mg/Kg	1.0	4/2/02
Zinc	580	0.50	mg/Kg	1.0	4/2/02

**MERCURY BY COLD VAPOR TECHNIQUE**

**EPA 7471A**

RunID: AA1_020402C	BatchID: 8169	PrepDate: 4/2/02	Analyst: NS		
Mercury	0.33	0.10	mg/Kg	1.0	4/2/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

**Initials:**           



# Advanced Technology Laboratories

Print Date: 4/3/02

CLIENT: Geocon Environmental

Client Sample ID: SW44-3-0.3

Lab Order: 056076

Project: Rte 60-EA002101- 09100-06-32

Collection Date: 3/26/02

Lab ID: 056076-008A

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS**

**EPA 6010B**

RunID: ICP2\_020402D

BatchID: 8145

PrepDate: 4/2/02

Analyst: JT

Antimony	2.0	0.25		mg/Kg	1.0	4/2/02
Arsenic	11	0.25		mg/Kg	1.0	4/2/02
Barium	250	0.15		mg/Kg	1.0	4/2/02
Beryllium	ND	0.15		mg/Kg	1.0	4/2/02
Cadmium	1.0	0.15		mg/Kg	1.0	4/2/02
Chromium	46	0.15		mg/Kg	1.0	4/2/02
Cobalt	8.0	0.15		mg/Kg	1.0	4/2/02
Copper	170	0.15		mg/Kg	1.0	4/2/02
Lead	1600	0.25		mg/Kg	1.0	4/2/02
Molybdenum	6.5	0.25		mg/Kg	1.0	4/2/02
Nickel	34	0.15		mg/Kg	1.0	4/2/02
Selenium	ND	0.25		mg/Kg	1.0	4/2/02
Silver	0.50	0.15		mg/Kg	1.0	4/2/02
Thallium	ND	0.25		mg/Kg	1.0	4/2/02
Vanadium	31	0.15		mg/Kg	1.0	4/2/02
Zinc	570	0.50		mg/Kg	1.0	4/2/02

**MERCURY BY COLD VAPOR TECHNIQUE**

**EPA 7471A**

RunID: AA1\_020402C

BatchID: 8169

PrepDate: 4/2/02

Analyst: NS

Mercury	0.28	0.10		mg/Kg	1.0	4/2/02
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**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

Initials: 



**Advanced Technology Laboratories**

Print Date: 4/3/02

**CLIENT:** Geocon Environmental

**Client Sample ID:** SW33-3-S

**Lab Order:** 056076

**Project:** Rte 60-EA002101- 09100-06-32

**Collection Date:** 3/26/02

**Lab ID:** 056076-026A

**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS**

**EPA 6010B**

RunID: ICP2\_020402D

BatchID: 8145

PrepDate: 4/2/02

Analyst: JT

Antimony	1.0	0.25		mg/Kg	1.0	4/2/02
Arsenic	10	0.25		mg/Kg	1.0	4/2/02
Barium	180	0.15		mg/Kg	1.0	4/2/02
Beryllium	ND	0.15		mg/Kg	1.0	4/2/02
Cadmium	ND	0.15		mg/Kg	1.0	4/2/02
Chromium	22	0.15		mg/Kg	1.0	4/2/02
Cobalt	8.5	0.15		mg/Kg	1.0	4/2/02
Copper	75	0.15		mg/Kg	1.0	4/2/02
Lead	420	0.25		mg/Kg	1.0	4/2/02
Molybdenum	3.0	0.25		mg/Kg	1.0	4/2/02
Nickel	22	0.15		mg/Kg	1.0	4/2/02
Selenium	0.50	0.25		mg/Kg	1.0	4/2/02
Silver	0.16	0.15		mg/Kg	1.0	4/2/02
Thallium	ND	0.25		mg/Kg	1.0	4/2/02
Vanadium	34	0.15		mg/Kg	1.0	4/2/02
Zinc	260	0.50		mg/Kg	1.0	4/2/02

**MERCURY BY COLD VAPOR TECHNIQUE**

**EPA 7471A**

RunID: AA1\_020402D

BatchID: 8170

PrepDate: 4/2/02

Analyst: NS

Mercury	0.22	0.10		mg/Kg	1.0	4/2/02
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**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

**Initials:** 



# Advanced Technology Laboratories

Print Date: 4/3/02

CLIENT: Geocon Environmental

Client Sample ID: SW33-10-S

Lab Order: 056076

Project: Rte 60-EA002101- 09100-06-32

Collection Date: 3/26/02

Lab ID: 056076-048A

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## ICP METALS

## EPA 6010B

RunID: ICP2\_020402D

BatchID: 8145

PrepDate: 4/2/02

Analyst: JT

Antimony	1.5	0.25		mg/Kg	1.0	4/2/02
Arsenic	11	0.25		mg/Kg	1.0	4/2/02
Barium	170	0.15		mg/Kg	1.0	4/2/02
Beryllium	ND	0.15		mg/Kg	1.0	4/2/02
Cadmium	0.16	0.15		mg/Kg	1.0	4/2/02
Chromium	25	0.15		mg/Kg	1.0	4/2/02
Cobalt	7.5	0.15		mg/Kg	1.0	4/2/02
Copper	99	0.15		mg/Kg	1.0	4/2/02
Lead	690	0.25		mg/Kg	1.0	4/2/02
Molybdenum	3.5	0.25		mg/Kg	1.0	4/2/02
Nickel	22	0.15		mg/Kg	1.0	4/2/02
Selenium	ND	0.25		mg/Kg	1.0	4/2/02
Silver	0.22	0.15		mg/Kg	1.0	4/2/02
Thallium	ND	0.25		mg/Kg	1.0	4/2/02
Vanadium	32	0.15		mg/Kg	1.0	4/2/02
Zinc	350	0.50		mg/Kg	1.0	4/2/02

## MERCURY BY COLD VAPOR TECHNIQUE

## EPA 7471A

RunID: AA1\_020402D

BatchID: 8170

PrepDate: 4/2/02

Analyst: NS

Mercury	0.55	0.10		mg/Kg	1.0	4/2/02
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Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike/Surrogate outside of limits due to matrix interference.

J - Analyte detected below quantitation limits

H - Samples exceeding analytical holding time

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

DO - Surrogate Diluted Out

M - Not Monitored. Highly Reactive

Initials: NS

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Advanced Technology  
Laboratories

3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

**Advanced Technology Laboratories**

Print Date: 4/3/02

**CLIENT:** Geocon Environmental

**Client Sample ID:** SW31-6-S

**Lab Order:** 056076

**Project:** Rte 60-EA002101- 09100-06-32

**Collection Date:** 3/26/02

**Lab ID:** 056076-078A

**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS**

**EPA 6010B**

RunID: ICP2_020402D	BatchID: 8145	PrepDate: 4/2/02	Analyst: JT		
Antimony	1.0	0.25	mg/Kg	1.0	4/2/02
Arsenic	12	0.25	mg/Kg	1.0	4/2/02
Barium	340	0.15	mg/Kg	1.0	4/2/02
Beryllium	ND	0.15	mg/Kg	1.0	4/2/02
Cadmium	ND	0.15	mg/Kg	1.0	4/2/02
Chromium	24	0.15	mg/Kg	1.0	4/2/02
Cobalt	10	0.15	mg/Kg	1.0	4/2/02
Copper	56	0.15	mg/Kg	1.0	4/2/02
Lead	310	0.25	mg/Kg	1.0	4/2/02
Molybdenum	1.0	0.25	mg/Kg	1.0	4/2/02
Nickel	16	0.15	mg/Kg	1.0	4/2/02
Selenium	ND	0.25	mg/Kg	1.0	4/2/02
Silver	0.18	0.15	mg/Kg	1.0	4/2/02
Thallium	ND	0.25	mg/Kg	1.0	4/2/02
Vanadium	42	0.15	mg/Kg	1.0	4/2/02
Zinc	320	0.50	mg/Kg	1.0	4/2/02

**MERCURY BY COLD VAPOR TECHNIQUE**

**EPA 7471A**

RunID: AA1_020402D	BatchID: 8170	PrepDate: 4/2/02	Analyst: NS		
Mercury	0.14	0.10	mg/Kg	1.0	4/2/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

**Initials:** 



# Advanced Technology Laboratories

Print Date: 4/3/02

CLIENT: Geocon Environmental

Client Sample ID: SW31-8-S

Lab Order: 056076

Project: Rte 60-EA002101- 09100-06-32

Collection Date: 3/26/02

Lab ID: 056076-083A

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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## ICP METALS

## EPA 6010B

RunID: ICP2\_020402D

BatchID: 8145

PrepDate: 4/2/02

Analyst: JT

Antimony	0.50	0.25		mg/Kg	1.0	4/2/02
Arsenic	12	0.25		mg/Kg	1.0	4/2/02
Barium	110	0.15		mg/Kg	1.0	4/2/02
Beryllium	ND	0.15		mg/Kg	1.0	4/2/02
Cadmium	ND	0.15		mg/Kg	1.0	4/2/02
Chromium	22	0.15		mg/Kg	1.0	4/2/02
Cobalt	10	0.15		mg/Kg	1.0	4/2/02
Copper	34	0.15		mg/Kg	1.0	4/2/02
Lead	220	0.25		mg/Kg	1.0	4/2/02
Molybdenum	1.0	0.25		mg/Kg	1.0	4/2/02
Nickel	14	0.15		mg/Kg	1.0	4/2/02
Selenium	ND	0.25		mg/Kg	1.0	4/2/02
Silver	ND	0.15		mg/Kg	1.0	4/2/02
Thallium	0.50	0.25		mg/Kg	1.0	4/2/02
Vanadium	42	0.15		mg/Kg	1.0	4/2/02
Zinc	220	0.50		mg/Kg	1.0	4/2/02

## MERCURY BY COLD VAPOR TECHNIQUE

## EPA 7471A

RunID: AA1\_020402D

BatchID: 8170

PrepDate: 4/2/02

Analyst: NS

Mercury	ND	0.10		mg/Kg	1.0	4/2/02
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Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike/Surrogate outside of limits due to matrix interference.

J - Analyte detected below quantitation limits

H - Samples exceeding analytical holding time

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

DO - Surrogate Diluted Out

M - Not Monitored. Highly Reactive

Initials: NS





Advanced Technology Laboratories

Date: 03-Apr-02

**QC SUMMARY REPORT**  
Method Blank

CLIENT: Geocon Environmental  
Work Order: 056076  
Project: Rte 60-EA002101-09100-06-32

Sample ID MB-8145 Batch ID: 8145 Test Name ICP METALS Units mg/Kg Analysis Date: 4/2/02 Prep Date: 4/2/02  
MBLK SeqNo: 256814

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.25		0				0			
Arsenic	ND	0.25		0				0			
Barium	ND	0.15		0				0			
Beryllium	ND	0.15		0				0			
Cadmium	ND	0.15		0				0			
Chromium	ND	0.15		0				0			
Cobalt	ND	0.15		0				0			
Copper	ND	0.15		0				0			
Lead	ND	0.25		0				0			
Molybdenum	ND	0.25		0				0			
Nickel	ND	0.15		0				0			
Selenium	ND	0.25		0				0			
Silver	ND	0.15		0				0			
Thallium	ND	0.25		0				0			
Vanadium	ND	0.15		0				0			
Zinc	ND	0.50		0				0			

Sample ID MB-8169 Batch ID: 8169 Test Name MERCURY BY COLD VAPOR TECHNIQUE Units mg/Kg Analysis Date: 4/2/02 Prep Date: 4/2/02  
mbik SeqNo: 256592

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10		0				0			

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits  
B - Analyte detected in the associated Method Blank  
M - Not Monitored. Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference  
DO - Surrogate Diluted Out  
Initials:                     

All calculations are based on raw values.



# QC SUMMARY REPORT

Method Blank

CLIENT: Geocon Environmental

Work Order: 056076

Project: Rte 60-EA002101-09100-06-32

Sample ID MB-8170 Batch ID: 8170 Test Name MERCURY BY COLD VAPOR TECHNIQUE Units mg/Kg Analysis Date: 4/2/02 Prep Date: 4/2/02

MBLK SeqNo: 256753

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10						0			

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
 M - Not Monitored. Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference

DO - Surrogate Diluted Out

Initials:                     

2

All calculations are based on raw values.



Advanced Technology Laboratories

Date: 03-Apr-02

**QC SUMMARY REPORT**  
Sample Duplicate

CLIENT: Gecon Environmental  
Work Order: 056076  
Project: Rte 60-EA002101- 09100-06-32

Sample ID 056094-007ADU Batch ID: 8145 Test Name ICP METALS Units mg/Kg Analysis Date: 4/2/02 Prep Date: 4/2/02  
SeqNo: 256826

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.5	0.25	0	0	0	0	0	0.5	0	30	
Arsenic	9.5	0.25	0	0	0	0	0	9	5	30	
Barium	87	0.15	0	0	0	0	0	84	4	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	ND	0.15	0	0	0	0	0	0	0	30	
Chromium	16	0.15	0	0	0	0	0	15	6	30	
Cobalt	9	0.15	0	0	0	0	0	8.5	6	30	
Copper	20	0.15	0	0	0	0	0	20	0	30	
Lead	52	0.25	0	0	0	0	0	54	4	30	
Molybdenum	0.4	0.25	0	0	0	0	0	0.39	3	30	
Nickel	11	0.15	0	0	0	0	0	10	10	30	
Selenium	ND	0.25	0	0	0	0	0	0	0	30	
Silver	ND	0.15	0	0	0	0	0	0	0	30	
Thallium	0.27	0.25	0	0	0	0	0	0.5	60	30	R
Vanadium	42	0.15	0	0	0	0	0	40	5	30	
Zinc	66	0.50	0	0	0	0	0	64	2	30	

Sample ID 056076-008ADU Batch ID: 8169 Test Name MERCURY BY COLD VAPOR TECHNIQUE Units mg/Kg Analysis Date: 4/2/02 Prep Date: 4/2/02  
SeqNo: 256588

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.27	0.10	0	0	0	0	0	0.28	2	30	

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits  
B - Analyte detected in the associated Method Blank  
M - Not Monitored, Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference  
DO - Surrogate Diluted Out  
Initials:            3

All calculations are based on raw values.



# QC SUMMARY REPORT

CLIENT: Geocon Environmental  
Work Order: 056076  
Project: Rte 60-EA002101- 09100-06-32

Sample Duplicate

Sample ID 056094-100ADU Batch ID: 8170 Test Name MERCURY BY COLD VAPOR TECHNIQUE Units mg/Kg Analysis Date: 4/2/02 Prep Date: 4/2/02

DUP SeqNo: 256749

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.16	0.10	0	0	0	0	0	0.16	2	30	

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
 M - Not Monitored. Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference

DO - Surrogate Diluted Out

Initials:           

4

All calculations are based on raw values.



Advanced Technology Laboratories

Date: 03-Apr-02

CLIENT: Geocon Environmental  
Work Order: 056076  
Project: Rte 60-EA002101-09100-06-32

QC SUMMARY REPORT  
Sample Matrix Spike

Sample ID 056094-007AMS Batch ID: 8145

Test Name ICP METALS

Units mg/Kg Analysis Date: 4/2/02

Prep Date: 4/2/02

MS

SeqNo: 258827

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	72	0.25	125	0.5	58	32	115	0			
Arsenic	120	0.25	125	9	86	59	111	0			
Barium	200	0.15	125	84	92	34	151	0			
Beryllium	100	0.15	125	0	83	56	112	0			
Cadmium	100	0.15	125	0	80	52	120	0			
Chromium	120	0.15	125	15	85	56	118	0			
Cobalt	120	0.15	125	8.5	88	58	117	0			
Copper	140	0.15	125	20	98	58	134	0			
Lead	160	0.25	125	54	88	47	128	0			
Molybdenum	110	0.25	125	0.39	86	56	115	0			
Nickel	120	0.15	125	10	86	52	120	0			
Selenium	98	0.25	125	0	78	46	108	0			
Silver	84	0.15	125	0	67	74	117	0			S
Thallium	110	0.25	125	0.5	88	62	117	0			
Vanadium	150	0.15	125	40	90	55	122	0			
Zinc	160	0.50	125	64	80	43	134	0			

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
M - Not Monitored. Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference

DO - Surrogate Diluted Out

Initials:



**QC SUMMARY REPORT**  
Sample Matrix Spike Duplicate

CLIENT: Geokon Environmental  
Work Order: 056076  
Project: Rte 60-EA002101- 09100-06-32

Sample ID 056094-007AMS Batch ID: 8145 Test Name ICP METALS Units mg/Kg Analysis Date: 4/2/02 Prep Date: 4/2/02

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MSD											
Antimony	73	0.25	125	0.5	58	32	115	72	1	20	
Arsenic	120	0.25	125	9	88	59	111	120	3	20	
Barium	210	0.15	125	84	97	34	151	200	5	20	
Beryllium	110	0.15	125	0	85	56	112	100	6	20	
Cadmium	100	0.15	125	0	82	52	120	100	0	20	
Chromium	120	0.15	125	15	88	56	118	120	1	20	
Cobalt	120	0.15	125	8.5	89	58	117	120	2	20	
Copper	150	0.15	125	20	101	58	134	140	5	20	
Lead	170	0.25	125	54	91	47	128	160	4	20	
Molybdenum	110	0.25	125	0.39	88	56	115	110	1	20	
Nickel	120	0.15	125	10	88	52	120	120	3	20	
Selenium	100	0.25	125	0	80	46	108	98	3	20	
Silver	86	0.15	125	0	68	74	117	84	2	20	S
Thallium	110	0.25	125	0.5	90	62	117	110	0	20	
Vanadium	150	0.15	125	40	92	55	122	150	2	20	
Zinc	170	0.50	125	64	83	43	134	160	4	20	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MS											
Mercury	1.1	0.10	0.83	0.28	100	62	146	0			

Sample ID 056076-008AMS Batch ID: 8169 Test Name MERCURY BY COLD VAPOR TECHNIQUE Units mg/Kg Analysis Date: 4/2/02 Prep Date: 4/2/02

SeqNo: 256589

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits  
B - Analyte detected in the associated Method Blank  
M - Not Monitored. Highly Reactive  
DO - Surrogate Diluted Out  
S - Spike/Surrogate outside of limits due to matrix interference

Initials:

All calculations are based on raw values.



CLIENT: Geocon Environmental

Work Order: 056076

Project: Rte 60-EA002101- 09100-06-32

# QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID 056076-008AMS Batch ID: 8169 Test Name MERCURY BY COLD VAPOR TECHNIQUE Units mg/Kg Analysis Date: 4/2/02 Prep Date: 4/2/02  
MSD SeqNo: 256590

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.1	0.10	0.83	0.28	98	62	146	1.1	1	33	

Sample ID 056094-100AMS Batch ID: 8170 Test Name MERCURY BY COLD VAPOR TECHNIQUE Units mg/Kg Analysis Date: 4/2/02 Prep Date: 4/2/02  
MS SeqNo: 256750

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.88	0.10	0.83	0.16	86	62	146	0			

Sample ID 056094-100AMS Batch ID: 8170 Test Name MERCURY BY COLD VAPOR TECHNIQUE Units mg/Kg Analysis Date: 4/2/02 Prep Date: 4/2/02  
MSD SeqNo: 256751

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.3	0.10	0.83	0.16	139	62	146	0.88	39	33	R

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
M - Not Monitored. Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference

DO - Surrogate Diluted Out

Initials:           

All calculations are based on raw values.



Advanced Technology Laboratories

CLIENT: Geocon Environmental  
Work Order: 056076  
Project: Rte 60-EA002101-09100-06-32

Date: 03-Apr-02

**QC SUMMARY REPORT**  
Laboratory Control Spike - generic

Sample ID LCS-8145 Batch ID: 8145 Test Name ICP METALS Units mg/Kg Analysis Date: 4/2/02 %RPD RPDLimit Qual  
SeqNo: 256815 Prep Date: 4/2/02

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	47	0.25	50	0	94	80	120	0			
Arsenic	46	0.25	50	0.063	93	80	120	0			
Barium	53	0.15	50	0.031	106	80	120	0			
Beryllium	48	0.15	50	0.037	95	80	120	0			
Cadmium	46	0.15	50	0.05	93	80	120	0			
Chromium	50	0.15	50	0.072	99	80	120	0			
Cobalt	48	0.15	50	0.086	97	80	120	0			
Copper	53	0.15	50	0	106	80	120	0			
Lead	49	0.25	50	0	98	80	120	0			
Molybdenum	50	0.25	50	0	99	80	120	0			
Nickel	48	0.15	50	0.15	96	80	120	0			
Selenium	44	0.25	50	0.1	87	80	120	0			
Silver	54	0.15	50	0.071	107	80	120	0			
Thallium	50	0.25	50	0.16	100	80	120	0			
Vanadium	50	0.15	50	0.02	99	80	120	0			
Zinc	48	0.50	50	0.071	96	80	120	0			

Sample ID LCS-8169 Batch ID: 8169 Test Name MERCURY BY COLD VAPOR TECHNIQUE Units mg/Kg Analysis Date: 4/2/02 %RPD RPDLimit Qual  
SeqNo: 256591 Prep Date: 4/2/02

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.4	0.10	2.08	0	116	80	120	0			

Qualifiers: ND - Not Detected at the Reporting Limit B - Analyte detected in the associated Method Blank DO - Surrogate Diluted Out  
J - Analyte detected below quantitation limits M - Not Monitored, Highly Reactive  
R - RPD outside accepted recovery limits S - Spike/Surrogate outside of limits due to matrix interference

All calculations are based on raw values.

Initials:



CLIENT: Geocon Environmental

Work Order: 056076

Project: Rte 60-EA002101- 09100-06-32

# QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID LCS-8170 Batch ID: 8170

Test Name MERCURY BY COLD VAPOR TECHNIQUE

Units mg/Kg Analysis Date: 4/2/02

SeqNo: 256752

Prep Date: 4/2/02

LCS

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.9	0.10	2.08	0	92	80	120	0			

Qualifiers: ND - Not Detected at the Reporting Limit B - Analyte detected in the associated Method Blank DO - Surrogate Diluted Out

J - Analyte detected below quantitation limits M - Not Monitored. Highly Reactive

R - RPD outside accepted recovery limits S - Spike/Surrogate outside of limits due to matrix interference

All calculations are based on raw values.

Initials:

**Advanced Technology Laboratories**

Print Date: 08-Apr-02

CLIENT: Geocon Environmental  
 Lab Order: 056076  
 Project: Rte 60-EA002101- 09100-06-32

Test No: WET/ EPA 7420  
 Units: mg/L  
 Analyst: NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056076-001A	SW44-1-S	Solid/ STLC Extract	3/26/02	8116	53	1	5		4/5/02
056076-003A	SW44-2-S	Solid/ STLC Extract	3/26/02	8116	58	1	5		4/5/02
056076-004A	SW44-2-0.3	Solid/ STLC Extract	3/26/02	8116	5.9	0.2	1		4/5/02
056076-009A	SW44-4-S	Solid/ STLC Extract	3/26/02	8116	6.9	0.2	1		4/5/02
056076-011A	SW44-5-S	Solid/ STLC Extract	3/26/02	8116	14	0.2	1		4/5/02
056076-013A	SW44-6-S	Solid/ STLC Extract	3/26/02	8116	6.0	0.2	1		4/5/02
056076-014A	SW44-6-0.3	Solid/ STLC Extract	3/26/02	8116	51	1	5		4/5/02
056076-016A	SW33-1-S	Solid/ STLC Extract	3/26/02	8116	5.1	0.2	1		4/5/02
056076-021A	SW33-2-S	Solid/ STLC Extract	3/26/02	8116	9.8	0.2	1		4/5/02
056076-026A	SW33-3-S	Solid/ STLC Extract	3/26/02	8116	15	0.2	1		4/5/02
056076-031A	SW33-4-S	Solid/ STLC Extract	3/26/02	8116	4.3	0.2	1		4/5/02
056076-033A	SW33-5-S	Solid/ STLC Extract	3/26/02	8116	2.2	0.2	1		4/5/02

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike/Surrogate outside of limits due to matrix interference.  
 J - Analyte detected below quantitation limits      H - Samples exceeding analytical holding time  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 DO - Surrogate Diluted Out      M - Not Monitored. Highly Reactive

Initials:   *NS*

# Advanced Technology Laboratories

Print Date: 08-Apr-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 056076  
**Project:** Rte 60-EA002101- 09100-06-32

**Test No:** WET/ EPA 7420  
**Units:** mg/L  
**Analyst:** NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056076-036A	SW33-6-S	Solid/ STLC Extract	3/26/02	8116	7.9	0.2		1	4/5/02
056076-039A	SW33-7-S	Solid/ STLC Extract	3/26/02	8116	2.9	0.2		1	4/5/02
056076-040A	SW33-7-0.3	Solid/ STLC Extract	3/26/02	8116	3.0	0.2		1	4/5/02
056076-042A	SW33-8-S	Solid/ STLC Extract	3/26/02	8116	13	0.2		1	4/5/02
056076-043A	SW33-8-0.3	Solid/ STLC Extract	3/26/02	8117	7.6	0.2		1	4/5/02
056076-044A	SW33-9-S	Solid/ STLC Extract	3/26/02	8117	5.7	0.2		1	4/5/02
056076-048A	SW33-10-S	Solid/ STLC Extract	3/26/02	8117	27	0.4		2	4/5/02
056076-049A	SW33-10-0.3	Solid/ STLC Extract	3/26/02	8117	5.0	0.2		1	4/5/02
056076-050A	SW33-11-S	Solid/ STLC Extract	3/26/02	8117	4.5	0.2		1	4/5/02
056076-051A	SW33-11-0.3	Solid/ STLC Extract	3/26/02	8117	4.3	0.2		1	4/5/02
056076-054A	SW33-13-S	Solid/ STLC Extract	3/26/02	8117	4.0	0.2		1	4/5/02
056076-056A	SW33-14-S	Solid/ STLC Extract	3/26/02	8117	2.4	0.2		1	4/5/02

**Qualifiers:** ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.

H - Samples exceeding analytical holding time

E - Value above quantitation range

M - Not Monitored. Highly Reactive

Initials: 

2



**Advanced Technology Laboratories**

Print Date: 08-Apr-02

CLIENT: Geocon Environmental  
 Lab Order: 056076  
 Project: Rte 60-EA002101- 09100-06-32

Test No: WET/ EPA 7420  
 Units: mg/L  
 Analyst: NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056076-065A	SW31-1-S	Solid/ STLC Extract	3/26/02	8117	7.5	0.2	1		4/5/02
056076-068A	SW31-2-S	Solid/ STLC Extract	3/26/02	8117	3.5	0.2	1		4/5/02
056076-071A	SW31-3-S	Solid/ STLC Extract	3/26/02	8117	9.9	0.2	1		4/5/02
056076-073A	SW31-4-S	Solid/ STLC Extract	3/26/02	8117	2.3	0.2	1		4/5/02
056076-078A	SW31-6-S	Solid/ STLC Extract	3/26/02	8117	17	0.4	2		4/5/02
056076-083A	SW31-8-S	Solid/ STLC Extract	3/26/02	8117	8.6	0.2	1		4/5/02
056076-086A	SW31-9-S	Solid/ STLC Extract	3/26/02	8117	3.0	0.2	1		4/5/02
056076-088A	SW31-10-S	Solid/ STLC Extract	3/26/02	8117	3.9	0.2	1		4/5/02

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out  
 S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

Initials: 





Advanced Technology Laboratories

Date: 08-Apr-02

QC SUMMARY REPORT

Method Blank

CLIENT: Geocon Environmental

Work Order: 056076

Project: Rte 60-EA002101 - 09100-06-32

Sample ID MB-8116 Batch ID: 8116 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/5/02 Prep Date: 4/5/02  
SeqNo: 258522

MBLK	Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
	Lead	ND	0.20	0	0	0	0	0	0	0	0	

Sample ID MB-8116A Batch ID: 8116 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/5/02 Prep Date: 4/1/02  
SeqNo: 258523

MBLK	Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
	Lead	ND	0.20	0	0	0	0	0	0	0	0	

Sample ID MB-8116B Batch ID: 8116 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/5/02 Prep Date: 4/1/02  
SeqNo: 258536

MBLK	Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
	Lead	ND	0.20	0	0	0	0	0	0	0	0	

Sample ID MB-8117 Batch ID: 8117 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/5/02 Prep Date: 4/5/02  
SeqNo: 259033

mbik	Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
	Lead	ND	0.20	0	0	0	0	0	0	0	0	

Sample ID MB-8117A Batch ID: 8117 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/5/02 Prep Date: 4/1/02  
SeqNo: 259034

mbik	Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
	Lead	ND	0.20	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits  
B - Analyte detected in the associated Method Blank  
M - Not Monitored. Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference  
DO - Surrogate Diluted Out  
Initials:                     

All calculations are based on raw values.



# QC SUMMARY REPORT

Method Blank

CLIENT: Geokon Environmental  
Work Order: 056076  
Project: Rte 60-EA002101-09100-06-32

Sample ID MB-8117B Batch ID: 8117 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/5/02 Prep Date: 4/1/02  
mbk SeqNo: 259047

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit      B - Analyte detected in the associated Method Blank      DO - Surrogate Diluted Out  
 J - Analyte detected below quantitation limits      M - Not Monitored. Highly Reactive  
 R - RPD outside accepted recovery limits      S - Spike/Surrogate outside of limits due to matrix interference

Initials:   

All calculations are based on raw values.



Advanced Technology Laboratories

Date: 08-Apr-02

CLIENT: Geocon Environmental

Work Order: 056076

Project: Rte 60-EA002101-09100-06-32

QC SUMMARY REPORT

Sample Duplicate

Sample ID 056076-013ADU Batch ID: 8116 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/5/02 Prep Date: 4/1/02  
SeqNo: 258534

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	7.3	0.20	0	0	0	0	0	6	19	30	

Sample ID 056076-042ADU Batch ID: 8116 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/5/02 Prep Date: 4/1/02  
SeqNo: 258562

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	13	0.20	0	0	0	0	0	13	3	30	

Sample ID 056076-068ADU Batch ID: 8117 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/5/02 Prep Date: 4/1/02  
SeqNo: 259045

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3.8	0.20	0	0	0	0	0	3.5	8	30	

Sample ID 056076-088ADU Batch ID: 8117 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/5/02 Prep Date: 4/1/02  
SeqNo: 259054

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3.9	0.20	0	0	0	0	0	3.9	0	30	

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
M - Not Monitored. Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference

DO - Surrogate Diluted Out

Initials:           

All calculations are based on raw values.

Advanced Technology Laboratories

Date: 08-Apr-02

CLIENT: Geoco Environmental  
 Work Order: 056076  
 Project: Rte 60-EA002101-09100-06-32

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID 056076-013AMS Batch ID: 8116 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/5/02 Prep Date: 4/5/02  
 MS SeqNo: 258535

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	10	0.20	5	6	83	80	120	0			

Sample ID 056076-042AMS Batch ID: 8116 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/5/02 Prep Date: 4/5/02  
 MS SeqNo: 258564

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	23	0.40	10	13	95	80	120	0			

Sample ID 056076-068AMS Batch ID: 8117 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/5/02 Prep Date: 4/5/02  
 MS SeqNo: 259046

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	8.1	0.20	5	3.5	92	80	120	0			

Sample ID 056076-088AMS Batch ID: 8117 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/5/02 Prep Date: 4/5/02  
 MS SeqNo: 259055

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	8.3	0.20	5	3.9	89	80	120	0			

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 M - Not Monitored, Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference  
 DO - Surrogate Diluted Out  
 Initials:           

All calculations are based on raw values.



Advanced Technology Laboratories

Date: 08-Apr-02

CLIENT: Geocon Environmental

Work Order: 056076

Project: Rte 60-EA002101-09100-06-32

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID LCS-8116 Batch ID: 8116 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/5/02 Prep Date: 4/5/02 SeqNo: 258568

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	7.4	0.20	7.5	0	99	80	120	0			

Sample ID LCS-8117 Batch ID: 8117 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/5/02 Prep Date: 4/5/02 SeqNo: 259057

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	7.3	0.20	7.5	0	97	80	120	0			

Qualifiers: ND - Not Detected at the Reporting Limit      B - Analyte detected in the associated Method Blank      DO - Surrogate Diluted Out  
 J - Analyte detected below quantitation limits      M - Not Monitored. Highly Reactive  
 R - RPD outside accepted recovery limits      S - Spike/Surrogate outside of limits due to matrix interference

All calculations are based on raw values.

**Advanced Technology Laboratories**

Print Date: 08-Apr-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 056076  
**Project:** Rte 60-EA002101- 09100-06-32

**Test No:** EPA 1311/ 7420  
**Units:** mg/L  
**Analyst:** NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056076-007A	SW44-3-S	Solid/ TCLP Extract	3/26/02	8216	2.3	0.2	1		4/5/02
056076-008A	SW44-3-0.3	Solid/ TCLP Extract	3/26/02	8216	4.2	0.2	1		4/5/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
H - Samples exceeding analytical holding time  
E - Value above quantitation range  
M - Not Monitored. Highly Reactive

**Initials:** 





Advanced Technology Laboratories

Date: 08-Apr-02

CLIENT: Geocon Environmental

Work Order: 056076

Project: Rte 60-EA002101- 09100-06-32

QC SUMMARY REPORT

Method Blank

Sample ID MB-8216 Batch ID: 8216 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/5/02 Prep Date: 4/4/02  
mbk SeqNo: 258578

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20		0				0			

Sample ID MB-8199TCLP Batch ID: 8216 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/5/02 Prep Date: 4/4/02  
mbk SeqNo: 258579

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20		0				0			

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
M - Not Monitored, Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference

DO - Surrogate Diluted Out

Initials:           

All calculations are based on raw values.



Advanced Technology Laboratories

Date: 08-Apr-02

CLIENT: Geocon Environmental  
Work Order: 056076  
Project: Rte 60-EA002101-09100-06-32  
**QC SUMMARY REPORT**  
Sample Duplicate

Sample ID 056094-075ADU Batch ID: 8216 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/5/02 Prep Date: 4/4/02  
SeqNo: 258590

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.9	0.20	0	0	0	0	0	2.3	21	30	

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 M - Not Monitored. Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference  
 DO - Surrogate Diluted Out

Initials:           

All calculations are based on raw values.



Advanced Technology Laboratories

CLIENT: Geocon Environmental

Work Order: 056076

Project: Rte 60-EA002101-09100-06-32

Date: 08-Apr-02

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID 056094-075AMS Batch ID: 8216

Test Name LEAD BY ATOMIC ABSORPTION

Units mg/L Analysis Date: 4/5/02

Prep Date: 4/4/02

MS

SeqNo: 258591

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5	0.20	2.5	2.3	108	80	120	0			

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
 M - Not Monitored. Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference

All calculations are based on raw values.

Initials:



Advanced Technology Laboratories

Date: 08-Apr-02

CLIENT: Geocon Environmental  
Work Order: 056076  
Project: Rte 60-EA002101 - 09100-06-32

QC SUMMARY REPORT  
Laboratory Control Spike - generic

Sample ID LCS-8216 Batch ID: 8216 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/5/02 Prep Date: 4/4/02  
SeqNo: 258593

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.9	0.20	1	0	90	80	120	0			

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
 M - Not Monitored, Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference

DO - Surrogate Diluted Out

Initials:                     

All calculations are based on raw values.

**Advanced Technology Laboratories**

Print Date: 11-Apr-02

**CLIENT:** Geocon Environmental  
**Lab Order:** 056076  
**Project:** Rte 60-EA002101- 09100-06-32

**Test No:** WET DI/ EPA 7  
**Units:** mg/L  
**Analyst:** JT

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056076-001A	SW44-1-S	Solid/ STLC DI Extract	3/26/02	8284	ND	0.2	1		4/11/02
056076-003A	SW44-2-S	Solid/ STLC DI Extract	3/26/02	8284	ND	0.2	1		4/11/02
056076-004A	SW44-2-0.3	Solid/ STLC DI Extract	3/26/02	8284	ND	0.2	1		4/11/02
056076-009A	SW44-4-S	Solid/ STLC DI Extract	3/26/02	8284	ND	0.2	1		4/11/02
056076-011A	SW44-5-S	Solid/ STLC DI Extract	3/26/02	8284	ND	0.2	1		4/11/02
056076-013A	SW44-6-S	Solid/ STLC DI Extract	3/26/02	8284	ND	0.2	1		4/11/02
056076-014A	SW44-6-0.3	Solid/ STLC DI Extract	3/26/02	8284	0.81	0.2	1		4/11/02
056076-016A	SW33-1-S	Solid/ STLC DI Extract	3/26/02	8284	ND	0.2	1		4/11/02
056076-021A	SW33-2-S	Solid/ STLC DI Extract	3/26/02	8284	ND	0.2	1		4/11/02
056076-026A	SW33-3-S	Solid/ STLC DI Extract	3/26/02	8284	ND	0.2	1		4/11/02
056076-036A	SW33-6-S	Solid/ STLC DI Extract	3/26/02	8285	ND	0.2	1		4/11/02
056076-042A	SW33-8-S	Solid/ STLC DI Extract	3/26/02	8285	ND	0.2	1		4/11/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

**Initials:** 



# Advanced Technology Laboratories

Print Date: 11-Apr-02

CLIENT: Geocon Environmental  
 Lab Order: 056076  
 Project: Rte 60-EA002101- 09100-06-32

Test No: WET DI/ EPA 7  
 Units: mg/L  
 Analyst: JT

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
056076-043A	SW33-8-0.3	Solid/ STLC DI Extract	3/26/02	8285	ND	0.2	1		4/11/02
056076-044A	SW33-9-S	Solid/ STLC DI Extract	3/26/02	8285	ND	0.2	1		4/11/02
056076-048A	SW33-10-S	Solid/ STLC DI Extract	3/26/02	8285	ND	0.2	1		4/11/02
056076-065A	SW31-1-S	Solid/ STLC DI Extract	3/26/02	8285	ND	0.2	1		4/11/02
056076-071A	SW31-3-S	Solid/ STLC DI Extract	3/26/02	8285	ND	0.2	1		4/11/02
056076-078A	SW31-6-S	Solid/ STLC DI Extract	3/26/02	8285	ND	0.2	1		4/11/02
056076-083A	SW31-8-S	Solid/ STLC DI Extract	3/26/02	8285	ND	0.2	1		4/11/02

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

Initials: 





Advanced Technology Laboratories

Date: 11-Apr-02

CLIENT: Geocon Environmental  
Work Order: 056076  
Project: Rte 60-EA002101- 09100-06-32

QC SUMMARY REPORT  
Method Blank

Sample ID	MB-8284	Batch ID:	8284	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/11/02	Prep Date:	4/11/02	
MBLK						SeqNo:	261564				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20	0	0	0			0			

Sample ID	MB-8284A	Batch ID:	8284	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/11/02	Prep Date:	4/8/02	
MBLK						SeqNo:	261565				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20	0	0	0			0			

Sample ID	MB-8284B	Batch ID:	8284	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/11/02	Prep Date:	4/8/02	
MBLK						SeqNo:	261578				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20	0	0	0			0			

Sample ID	MB-8285	Batch ID:	8285	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/11/02	Prep Date:	4/11/02	
MBLK						SeqNo:	261593				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20	0	0	0			0			

Sample ID	MB-8285A	Batch ID:	8285	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/11/02	Prep Date:	4/8/02	
MBLK						SeqNo:	261594				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20	0	0	0			0			

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 M - Not Monitored, Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference  
 DO - Surrogate Diluted Out

Initials:                     

All calculations are based on raw values.



**CLIENT:** Geocon Environmental  
**Work Order:** 056076  
**Project:** Rte 60-EA002101-09100-06-32  
**QC SUMMARY REPORT**  
 Method Blank

**Sample ID** MB-8285B **Batch ID:** 8285 **Test Name** LEAD BY ATOMIC ABSORPTION **Units mg/L** 261606 **Analysis Date:** 4/11/02 **Prep Date:** 4/8/02  
**SeqNo:** 261606

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.20	0	0	0	0	0	0	0	0	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 M - Not Monitored, Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference  
 DO - Surrogate Diluted Out  
**Initials:**                     

All calculations are based on raw values.





Advanced Technology Laboratories

Date: 11-Apr-02

**QC SUMMARY REPORT**  
Sample Matrix Spike

CLIENT: Geocon Environmental  
Work Order: 056076  
Project: Rte 60-EA002101 - 09100-06-32

Sample ID	056021-067AMS	Batch ID:	8284	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/11/02	Prep Date:	4/11/02	
MS		SeqNo:	261577								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.9	0.20	5	0	99	80	120	0			

Sample ID	056021-026AMS	Batch ID:	8284	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/11/02	Prep Date:	4/11/02	
MS		SeqNo:	261580								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.9	0.20	5	0	99	80	120	0			

Sample ID	056076-083AMS	Batch ID:	8285	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/11/02	Prep Date:	4/11/02	
MS		SeqNo:	261605								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5	0.20	5	0.065	98	80	120	0			

Sample ID	056016-107AMS	Batch ID:	8285	Test Name	LEAD BY ATOMIC ABSORPTION	Units mg/L	Analysis Date:	4/11/02	Prep Date:	4/11/02	
MS		SeqNo:	261614								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5	0.20	5	0.08	98	80	120	0			

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 M - Not Monitored. Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference  
 DO - Surrogate Diluted Out  
 Initials:                     

All calculations are based on raw values.



April 19, 2002

Chris King  
Geocon Environmental  
6970 Flanders Drive  
San Diego, CA 92121  
TEL: (858) 558-6100  
FAX (858) 558-8437

ELAP No: 1838

RE: Rte 60 - 09100-06-32

Work Order No.: 056404

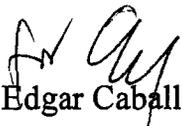
Attention: Chris King

Enclosed are the results for sample(s) received on April 16, 2002 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

  
Edgar Caballero  
Laboratory Director

RECEIVED  
APR 25 2002

This cover letter is an integral part of this analytical report.





# Advanced Technology Laboratories

Print Date: 4/19/02

**CLIENT:** Geocon Environmental  
**Lab Order:** 056404  
**Project:** Rte 60 - 09100-06-32  
**Lab ID:** 056404-001A

**Client Sample ID:** Decon Water  
**Collection Date:** 4/15/02 3:00:00 PM  
**Matrix:** Water

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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### ICP METALS

### EPA 6010B

RunID: ICP2_020417E	BatchID: 8380	PrepDate: 4/17/02	Analyst: RQ		
Antimony	ND	0.0050	mg/L	1.0	4/17/02
Arsenic	ND	0.0050	mg/L	1.0	4/17/02
Barium	0.040	0.0030	mg/L	1.0	4/17/02
Beryllium	ND	0.0030	mg/L	1.0	4/17/02
Cadmium	ND	0.0030	mg/L	1.0	4/17/02
Chromium	0.0082	0.0030	mg/L	1.0	4/17/02
Cobalt	ND	0.0030	mg/L	1.0	4/17/02
Copper	0.040	0.0030	mg/L	1.0	4/17/02
Lead	0.0063	0.0050	mg/L	1.0	4/17/02
Molybdenum	ND	0.0050	mg/L	1.0	4/17/02
Nickel	0.0058	0.0030	mg/L	1.0	4/17/02
Selenium	ND	0.0050	mg/L	1.0	4/17/02
Silver	ND	0.0030	mg/L	1.0	4/17/02
Thallium	ND	0.0050	mg/L	1.0	4/17/02
Vanadium	ND	0.0030	mg/L	1.0	4/17/02
Zinc	0.17	0.010	mg/L	1.0	4/17/02

### MERCURY BY COLD VAPOR TECHNIQUE

### EPA 7470A

RunID: AA1_020417B	BatchID: 8385	PrepDate: 4/17/02	Analyst: NS		
Mercury	ND	0.20	µg/L	1.0	4/17/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.  
 H - Samples exceeding analytical holding time  
 E - Value above quantitation range  
 M - Not Monitored. Highly Reactive

Initials: 

1





Advanced Technology Laboratories

Date: 19-Apr-02

CLIENT: Geocon Environmental  
Work Order: 056404  
Project: Rte 60 - 09100-06-32

QC SUMMARY REPORT  
Method Blank

Sample ID MB-8380 Batch ID: 8380 Test Name ICP METALS Units mg/L Analysis Date: 4/17/02 Prep Date: 4/17/02

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.0050		0				0			
Arsenic	ND	0.0050		0				0			
Barium	ND	0.0030		0				0			
Beryllium	ND	0.0030		0				0			
Cadmium	ND	0.0030		0				0			
Chromium	ND	0.0030		0				0			
Cobalt	ND	0.0030		0				0			
Copper	ND	0.0030		0				0			
Lead	ND	0.0050		0				0			
Molybdenum	ND	0.0050		0				0			
Nickel	ND	0.0030		0				0			
Selenium	ND	0.0050		0				0			
Silver	ND	0.0030		0				0			
Thallium	ND	0.0050		0				0			
Vanadium	ND	0.0030		0				0			
Zinc	ND	0.010		0				0			

Sample ID MB-8385 Batch ID: 8385 Test Name MERCURY BY COLD VAPOR TECHNIQUE Units µg/L Analysis Date: 4/17/02 Prep Date: 4/17/02

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.20		0				0			

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 M - Not Monitored. Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference  
 DO - Surrogate Diluted Out  
 Initials:           

All calculations are based on raw values.

Advanced Technology Laboratories

Date: 19-Apr-02

QC SUMMARY REPORT  
Sample Duplicate

CLIENT: Geocon Environmental  
Work Order: 056404  
Project: Rte 60 - 09100-06-32

Sample ID: 056405-001ADU Batch ID: 8380 Test Name: ICP METALS Units mg/L Analysis Date: 4/17/02 Prep Date: 4/17/02  
SeqNo: 263244

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.0050	0	0	0	0	0	0	0	30	
Arsenic	ND	0.0050	0	0	0	0	0	0.0042	0	30	
Barium	0.04	0.0030	0	0	0	0	0	0.04	0	30	
Beryllium	ND	0.0030	0	0	0	0	0	0	0	30	
Cadmium	ND	0.0030	0	0	0	0	0	0	0	30	
Chromium	0.0073	0.0030	0	0	0	0	0	0.0081	11	30	
Cobalt	0.002	0.0030	0	0	0	0	0	0.0025	23	30	J
Copper	0.04	0.0030	0	0	0	0	0	0.04	0	30	
Lead	0.007	0.0050	0	0	0	0	0	0.0087	22	30	
Molybdenum	ND	0.0050	0	0	0	0	0	0.0031	0	30	
Nickel	0.0061	0.0030	0	0	0	0	0	0.0068	11	30	
Selenium	ND	0.0050	0	0	0	0	0	0	0	30	
Silver	ND	0.0030	0	0	0	0	0	0	0	30	
Thallium	ND	0.0050	0	0	0	0	0	0	0	30	
Vanadium	0.002	0.0030	0	0	0	0	0	0.00094	52	30	JR
Zinc	0.13	0.010	0	0	0	0	0	0.14	7	30	

Sample ID: 056405-001ADU Batch ID: 8385 Test Name: MERCURY BY COLD VAPOR TECHNIQUE Units µg/L Analysis Date: 4/17/02 Prep Date: 4/17/02  
SeqNo: 264090

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.05	0.20	0	0	0	0	0	0.046	15	30	J

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits  
B - Analyte detected in the associated Method Blank  
M - Not Monitored, Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference  
DO - Surrogate Diluted Out  
Initials:           

All calculations are based on raw values.





Advanced Technology Laboratories

Date: 19-Apr-02

CLIENT: Gecon Environmental  
Work Order: 056404  
Project: Rte 60 - 09100-06-32

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID 056405-001AMS Batch ID: 8380 Test Name ICP METALS Units mg/L Analysis Date: 4/17/02 Prep Date: 4/17/02  
SeqNo: 263245

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.5	0.0050	2.5	0	99	69	116	0			
Arsenic	2.6	0.0050	2.5	0.0042	103	67	114	0			
Barium	2.7	0.0030	2.5	0.04	106	63	125	0			
Beryllium	2.6	0.0030	2.5	0	104	60	117	0			
Cadmium	2.5	0.0030	2.5	0	99	63	123	0			
Chromium	2.6	0.0030	2.5	0.0081	102	68	118	0			
Cobalt	2.6	0.0030	2.5	0.0025	103	68	118	0			
Copper	2.8	0.0030	2.5	0.04	110	72	123	0			
Lead	2.6	0.0050	2.5	0.0087	104	66	118	0			
Molybdenum	2.6	0.0050	2.5	0.0031	104	65	111	0			
Nickel	2.6	0.0030	2.5	0.0068	102	64	121	0			
Selenium	2.4	0.0050	2.5	0	96	62	109	0			
Silver	2	0.0030	2.5	0	80	71	137	0			
Thallium	2.7	0.0050	2.5	0	106	67	122	0			
Vanadium	2.6	0.0030	2.5	0.00094	103	69	118	0			
Zinc	2.7	0.010	2.5	0.14	101	65	112	0			

Qualifiers: ND - Not Detected at the Reporting Limit    B - Analyte detected in the associated Method Blank    DO - Surrogate Diluted Out    Initials:             
 J - Analyte detected below quantitation limits    M - Not Monitored, Highly Reactive  
 R - RPD outside accepted recovery limits    S - Spike/Surrogate outside of limits due to matrix interference

All calculations are based on raw values.



CLIENT: Geocon Environmental  
Work Order: 056404  
Project: Rte 60 - 09100-06-32

**QC SUMMARY REPORT**  
Sample Matrix Spike Duplicate

Sample ID 056405-001AMS Batch ID: 8380

Units mg/L Analysis Date: 4/17/02

Prep Date: 4/17/02

SeqNo: 263246

Test Name ICP METALS

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.3	0.0050	2.5	0	92	69	116	2.5	7	20	
Arsenic	2.4	0.0050	2.5	0.0042	95	67	114	2.6	7	20	
Barium	2.5	0.0030	2.5	0.04	97	63	125	2.7	7	20	
Beryllium	2.4	0.0030	2.5	0	95	60	117	2.6	8	20	
Cadmium	2.3	0.0030	2.5	0	91	63	123	2.5	8	20	
Chromium	2.4	0.0030	2.5	0.0081	94	68	118	2.6	6	20	
Cobalt	2.4	0.0030	2.5	0.0025	96	68	118	2.6	7	20	
Copper	2.6	0.0030	2.5	0.04	102	72	123	2.8	7	20	
Lead	2.4	0.0050	2.5	0.0087	96	66	118	2.6	8	20	
Molybdenum	2.4	0.0050	2.5	0.0031	97	65	111	2.6	8	20	
Nickel	2.4	0.0030	2.5	0.0068	95	64	121	2.6	6	20	
Selenium	2.2	0.0050	2.5	0	88	62	109	2.4	9	20	
Silver	1.8	0.0030	2.5	0	74	71	137	2	10	20	
Thallium	2.4	0.0050	2.5	0	97	67	122	2.7	10	20	
Vanadium	2.4	0.0030	2.5	0.00094	96	69	118	2.6	7	20	
Zinc	2.5	0.010	2.5	0.14	93	65	112	2.7	6	20	

Sample ID 056405-001AMS Batch ID: 8385

Units µg/L Analysis Date: 4/17/02

Prep Date: 4/17/02

SeqNo: 264091

Test Name MERCURY BY COLD VAPOR TECHNIQUE

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	27	0.20	25	0.046	107	69	144	0			

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
M - Not Monitored, Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference

DO - Surrogate Diluted Out

Initials:           

All calculations are based on raw values.



CLIENT: Geokon Environmental  
Work Order: 056404  
Project: Rte 60 - 09100-06-32

# QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID 056405-001AMS Batch ID: 8385

Test Name MERCURY BY COLD VAPOR TECHNIQUE Units µg/L Analysis Date: 4/17/02 Prep Date: 4/17/02

MSD

SeqNo: 264092

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	30	0.20	25	0.046	119	69	144	27	12	20	

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
 M - Not Monitored. Highly Reactive  
 S - Spike/Surrogate outside of limits due to matrix interference

DO - Surrogate Diluted Out

Initials:           

All calculations are based on raw values.

Advanced Technology Laboratories

Date: 19-Apr-02

**QC SUMMARY REPORT**  
Laboratory Control Spike - generic

CLIENT: Geocon Environmental  
Work Order: 056404  
Project: Rte 60 - 09100-06-32

Sample ID LCS-8380 Batch ID: 8380 Test Name ICP METALS Units mg/L Analysis Date: 4/17/02 Prep Date: 4/17/02

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.99	0.0050	1	0	99	80	120	0			
Arsenic	0.99	0.0050	1	0	99	80	120	0			
Barium	1.1	0.0030	1	0	108	80	120	0			
Beryllium	1	0.0030	1	0	102	80	120	0			
Cadmium	0.98	0.0030	1	0	98	80	120	0			
Chromium	1	0.0030	1	0	103	80	120	0			
Cobalt	1	0.0030	1	0	100	80	120	0			
Copper	1.1	0.0030	1	0	107	80	120	0			
Lead	1	0.0050	1	0	100	80	120	0			
Molybdenum	1	0.0050	1	0	102	80	120	0			
Nickel	0.99	0.0030	1	0	99	80	120	0			
Selenium	0.96	0.0050	1	0	96	80	120	0			
Silver	1.1	0.0030	1	0	110	80	120	0			
Thallium	1	0.0050	1	0	103	80	120	0			
Vanadium	0.99	0.0030	1	0	99	80	120	0			
Zinc	1	0.010	1	0	103	80	120	0			

Sample ID LCS-8385 Batch ID: 8385 Test Name MERCURY BY COLD VAPOR TECHNIQUE Units µg/L Analysis Date: 4/17/02 Prep Date: 4/17/02

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	29	0.20	25	0	116	80	120	0			

SeqNo: 263240  
SeqNo: 264093  
Initials:           

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - RPD outside accepted recovery limits  
B - Analyte detected in the associated Method Blank  
M - Not Monitored. Highly Reactive  
S - Spike/Surrogate outside of limits due to matrix interference  
DO - Surrogate Diluted Out

All calculations are based on raw values.

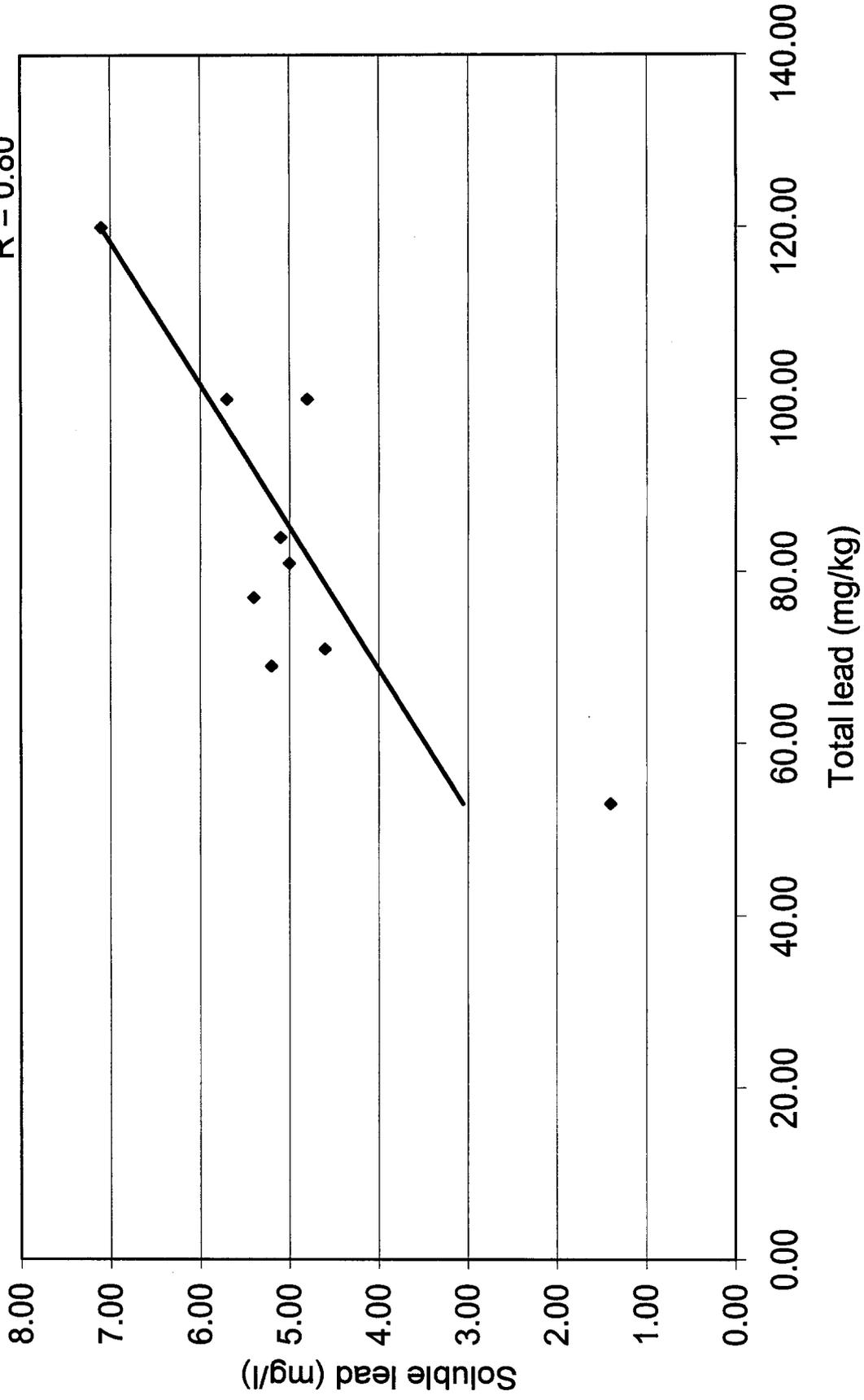
APPENDIX

D

Regression Analysis - Soundwall 34

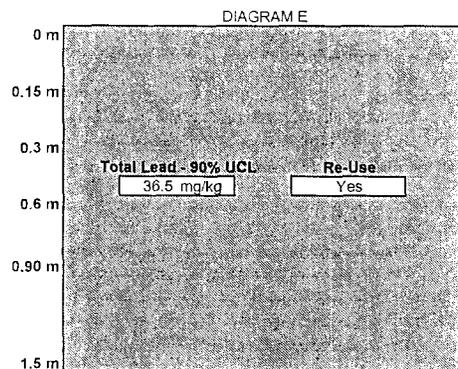
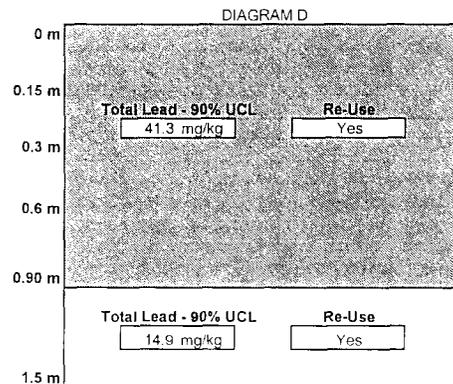
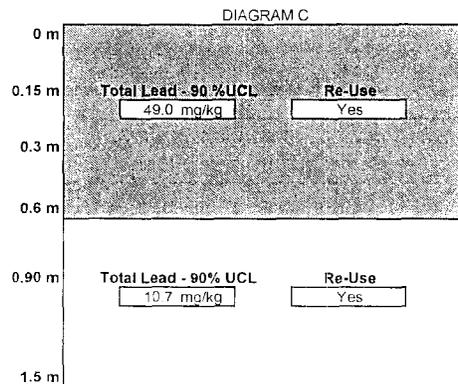
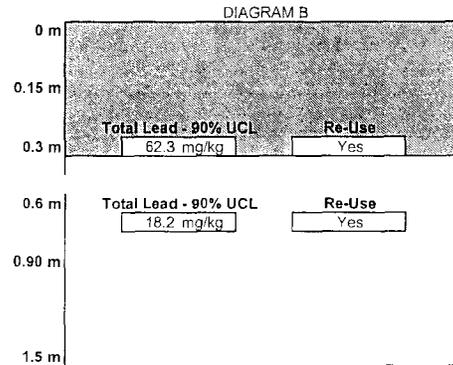
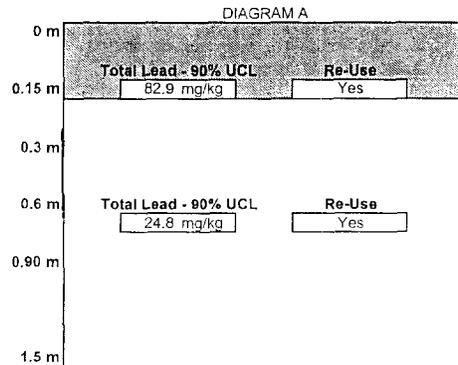
$$y = 0.0604x - 0.1442$$

R = 0.80



Task Order Number: 07-496101-RE  
 EA: 002101  
 Project Name: Route 60 - Soundwall 34  
 Project No.: 09100-06-32

**Block Diagrams For Potential Caltrans Right-Of-Way Re-Use  
 One-Tailed 90% UCLs for Arcsine Transformation**



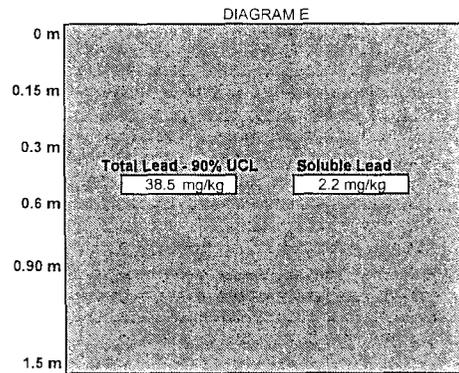
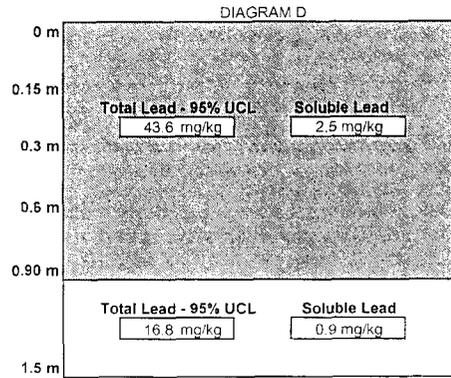
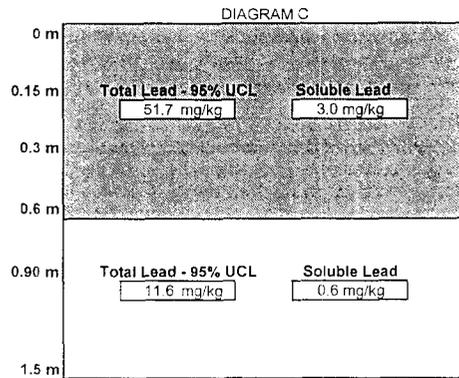
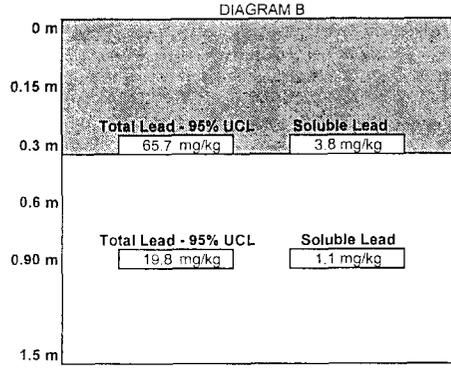
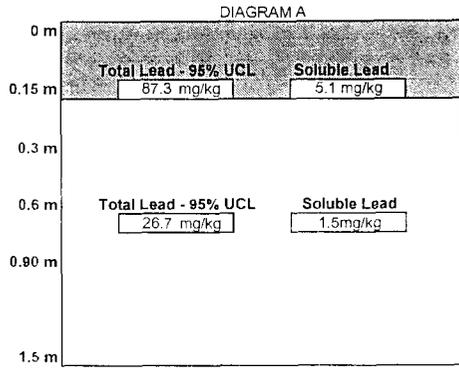
- DIAGRAM A -- Separate the top 0.15 m of soil from the remaining underlying soil
- DIAGRAM B -- Separate the top 0.30 m of soil from the remaining underlying soil
- DIAGRAM C -- Separate the top 0.60 m of soil from the remaining underlying soil
- DIAGRAM D -- Separate the top 0.90 m of soil from the remaining underlying soil
- DIAGRAM E -- Treat the entire section as a single unit

The above diagrams show the total lead concentrations in each grouping of soil depending on how the various levels of soil are segregated. For instance, Diagram A shows a scenario where the top 0.15 m of soil is excavated and kept separate from the underlying soil. In this case, the top 0.15 m of soil would be expected to exhibit a total lead concentration of 82.9 mg/kg. The underlying soil would be expected to exhibit a total lead concentration of 24.8 mg/kg.

The above re-use scenarios are based upon the indicated UCLs and an average WET-DI concentration of 0.1 mg/l for the entire soil column. Refer to Section 6 of the report for DTSC Lead Variance re-use limitations.

Task Order Number: 07-496101-RE  
 EA: 002101  
 Project Name: Route 60 - Soundwall 34  
 Project No.: 09100-06-32

Block Diagrams For Potential Off-Site Disposal  
 One-Tailed 95% UCLs for Arcsine Transformation

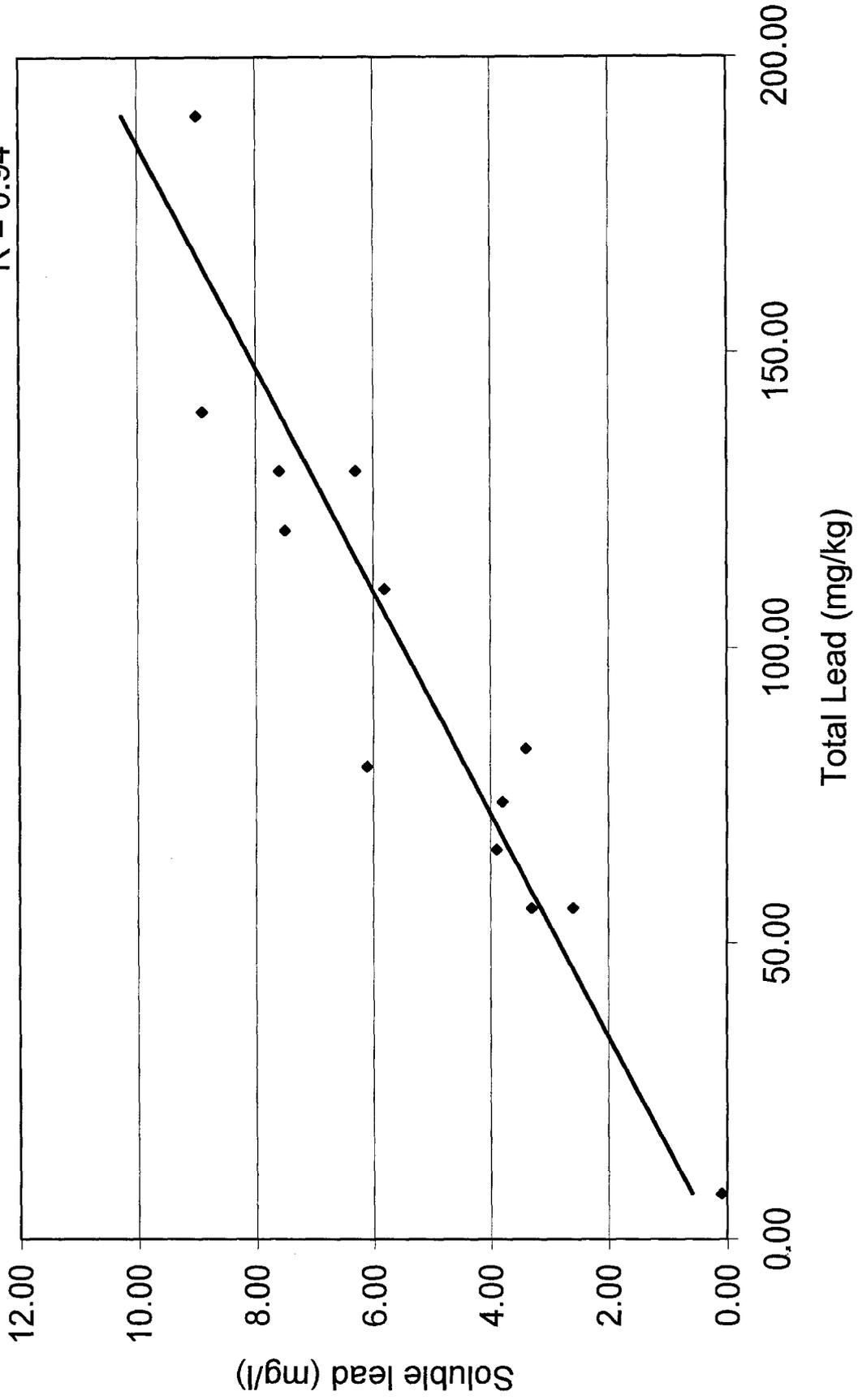


- DIAGRAM A -- Separate the top 0.15 m of soil from the remaining underlying soil
- DIAGRAM B -- Separate the top 0.30 m of soil from the remaining underlying soil
- DIAGRAM C -- Separate the top 0.60 m of soil from the remaining underlying soil
- DIAGRAM D -- Separate the top 0.90 m of soil from the remaining underlying soil
- DIAGRAM E -- Treat the entire section as a single unit

The above diagrams show the total and predicted soluble (WET) lead concentrations in each grouping of soil depending on how the various levels of soil are segregated. For instance, Diagram A shows a scenario where the top 0.15 m of soil is excavated and kept separate from the underlying soil. In this case, the top 0.15 m of soil would be expected to exhibit an average total lead concentration of 87.3 mg/kg and a WET concentration of 5.1 mg/l. The underlying soil would be expected to exhibit an average total lead concentration of 26.7 mg/kg and a predicted WET concentration of 1.5 mg/l.

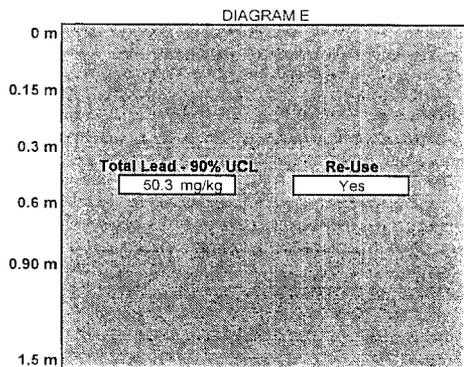
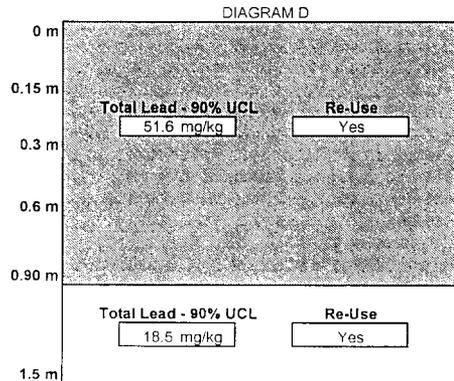
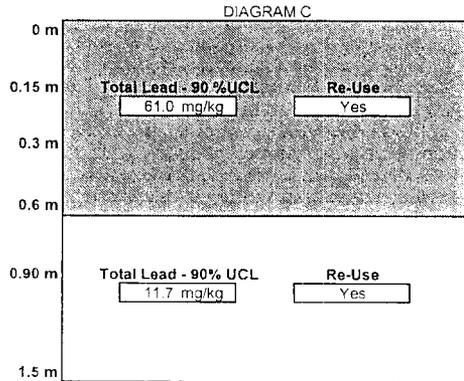
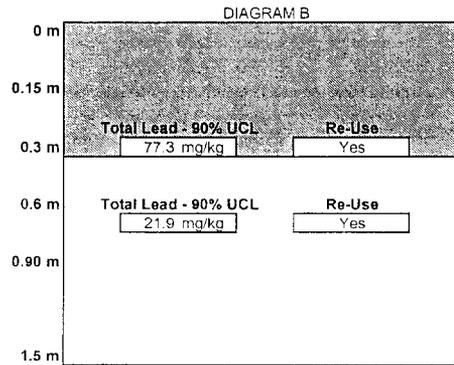
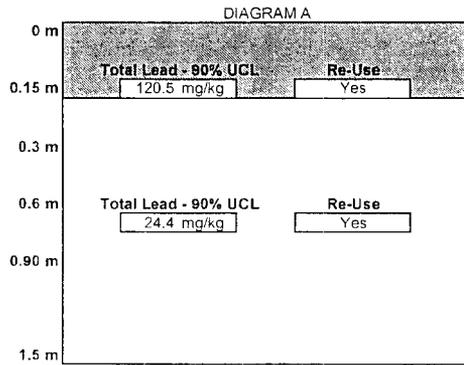
Regression Analysis - Soundwall 38

$y = 0.0529x + 0.1928$   
 $R = 0.94$



Task Order Number: 07-496101-RE  
 EA: 002101  
 Project Name: Route 60 - Soundwall 38  
 Project No.: 09100-06-32

**Block Diagrams For Potential Caltrans Right-Of-Way Re-Use  
 One-Tailed 90% UCLs for Arcsine Transformation**



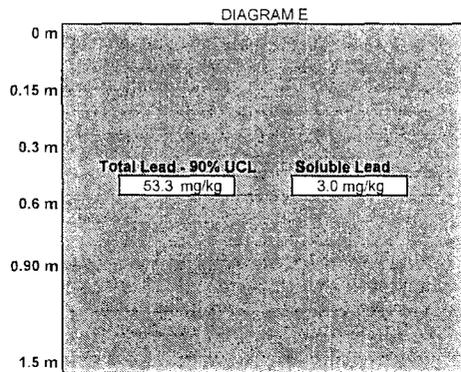
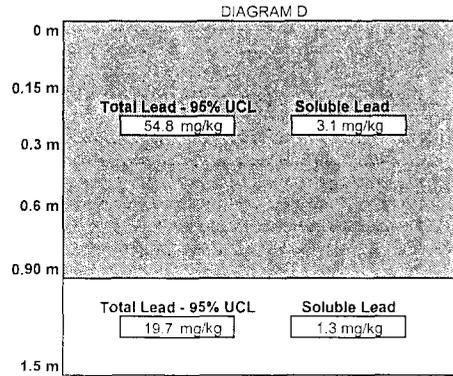
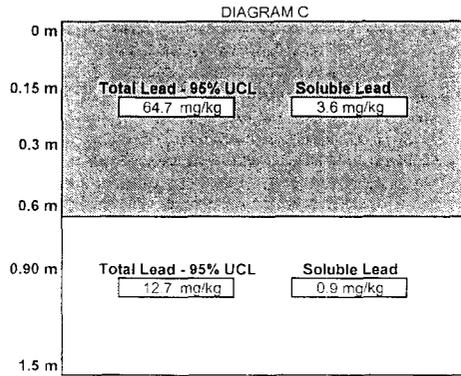
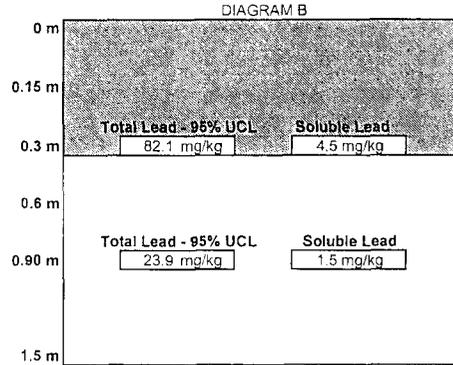
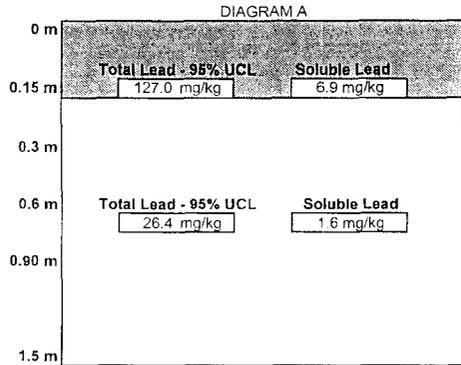
- DIAGRAM A -- Separate the top 0.15 m of soil from the remaining underlying soil
- DIAGRAM B -- Separate the top 0.30 m of soil from the remaining underlying soil
- DIAGRAM C -- Separate the top 0.60 m of soil from the remaining underlying soil
- DIAGRAM D -- Separate the top 0.90 m of soil from the remaining underlying soil
- DIAGRAM E -- Treat the entire section as a single unit

The above diagrams show the total lead concentrations in each grouping of soil depending on how the various levels of soil are segregated. For instance, Diagram A shows a scenario where the top 0.15 m of soil is excavated and kept separate from the underlying soil. In this case, the top 0.15 m of soil would be expected to exhibit a total lead concentration of 120.5 mg/kg. The underlying soil would be expected to exhibit a total lead concentration of 24.4 mg/kg.

The above re-use scenarios are based upon the indicated UCLs and an average WET-DI concentration of 0.1 mg/l for the entire soil column. Refer to Section 6 of the report for DTSC Lead Variance re-use limitations.

Task Order Number: 07-496101-RE  
 EA: 002101  
 Project Name: Route 60 - Soundwall 38  
 Project No.: 09100-06-32

Block Diagrams For Potential Off-Site Disposal  
 One-Tailed 95% UCLs for Arcsine Transformation

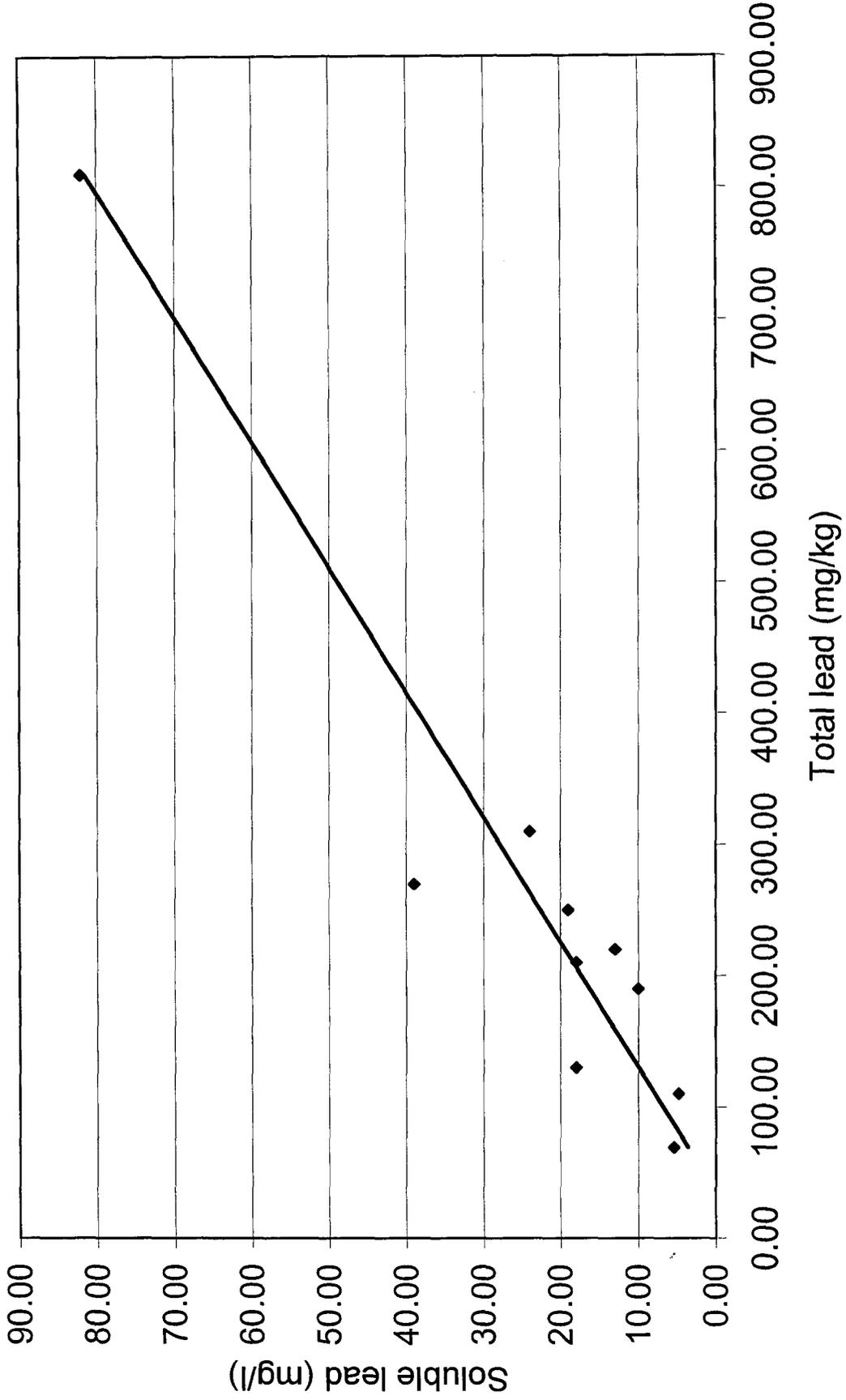


- DIAGRAM A -- Separate the top 0.15 m of soil from the remaining underlying soil
- DIAGRAM B -- Separate the top 0.30 m of soil from the remaining underlying soil
- DIAGRAM C -- Separate the top 0.60 m of soil from the remaining underlying soil
- DIAGRAM D -- Separate the top 0.90 m of soil from the remaining underlying soil
- DIAGRAM E -- Treat the entire section as a single unit

The above diagrams show the total and predicted soluble (WET) lead concentrations in each grouping of soil depending on how the various levels of soil are segregated. For instance, Diagram A shows a scenario where the top 0.15 m of soil is excavated and kept separate from the underlying soil. In this case, the top 0.15 m of soil would be expected to exhibit an average total lead concentration of 127.0 mg/kg and a WET concentration of 6.9 mg/l. The underlying soil would be expected to exhibit an average total lead concentration of 26.4 mg/kg and a predicted WET concentration of 1.6 mg/l.

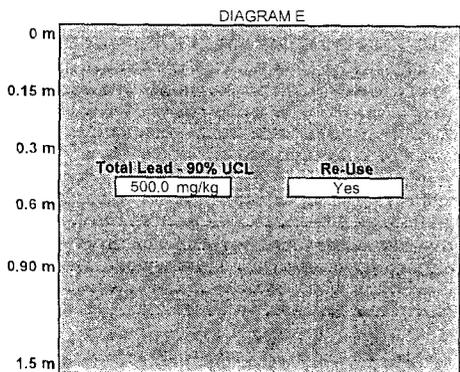
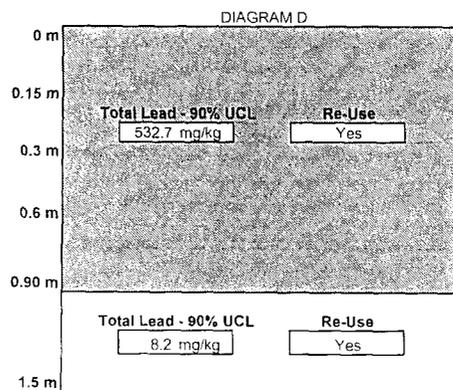
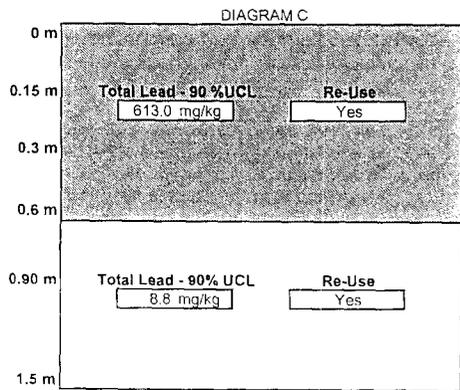
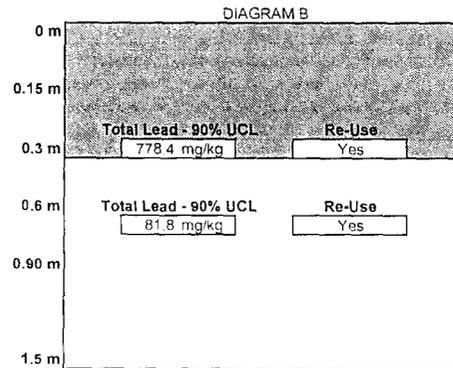
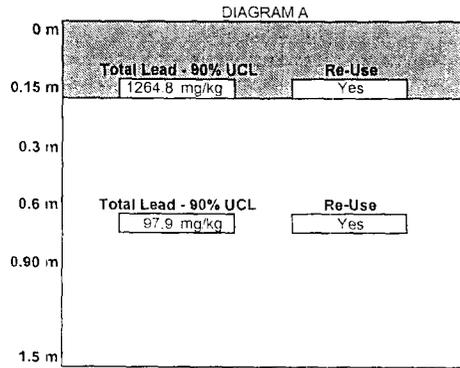
Regression Analysis - Soundwall 40

$y = 0.1052x - 3.6961$   
 $R = 0.96$



Task Order Number: 07-496101-RE  
 EA: 002101  
 Project Name: Route 60 - Soundwall 40  
 Project No.: 09100-06-32

Block Diagrams For Potential Caltrans Right-Of-Way Re-Use  
 One-Tailed 90% UCLs for Arcsine Transformation



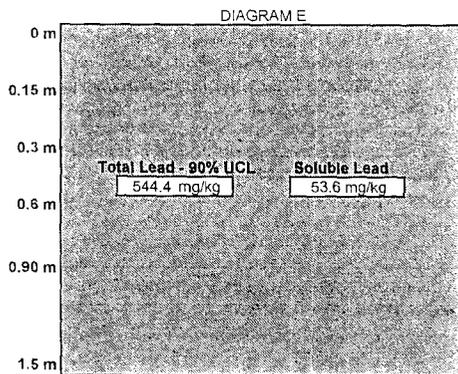
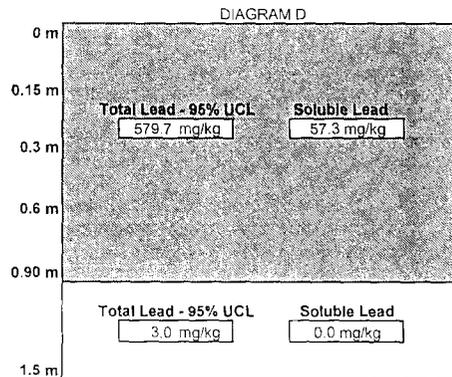
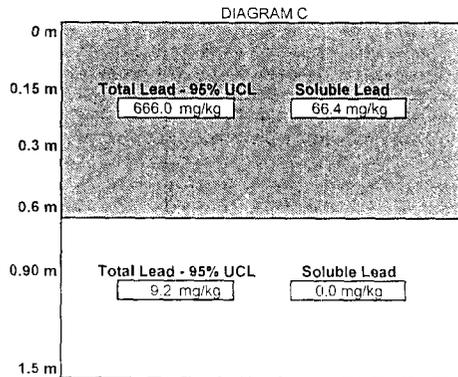
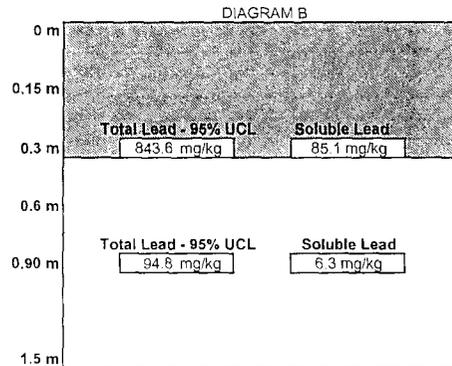
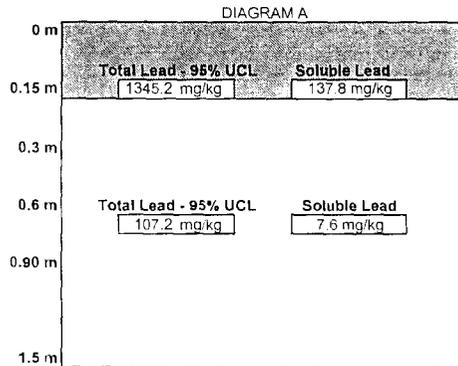
- DIAGRAM A -- Separate the top 0.15 m of soil from the remaining underlying soil
- DIAGRAM B -- Separate the top 0.30 m of soil from the remaining underlying soil
- DIAGRAM C -- Separate the top 0.60 m of soil from the remaining underlying soil
- DIAGRAM D -- Separate the top 0.90 m of soil from the remaining underlying soil
- DIAGRAM E -- Treat the entire section as a single unit

The above diagrams show the total lead concentrations in each grouping of soil depending on how the various levels of soil are segregated. For instance, Diagram A shows a scenario where the top 0.15 m of soil is excavated and kept separate from the underlying soil. In this case, the top 0.15 m of soil would be expected to exhibit a total lead concentration of 1264.8 mg/kg. The underlying soil would be expected to exhibit a total lead concentration of 97.9 mg/kg.

The above re-use scenarios are based upon the indicated UCLs and an average WET-DI concentration of 0.23 mg/l for the entire soil column. Refer to Section 6 of the report for DTSC Lead Variance re-use limitations.

Task Order Number: 07-496101-RE  
 EA: 002101  
 Project Name: Route 60 - Soundwall 40  
 Project No.: 09100-06-32

Block Diagrams For Potential Off-Site Disposal  
 One-Tailed 95% UCLs for Arcsine Transformation

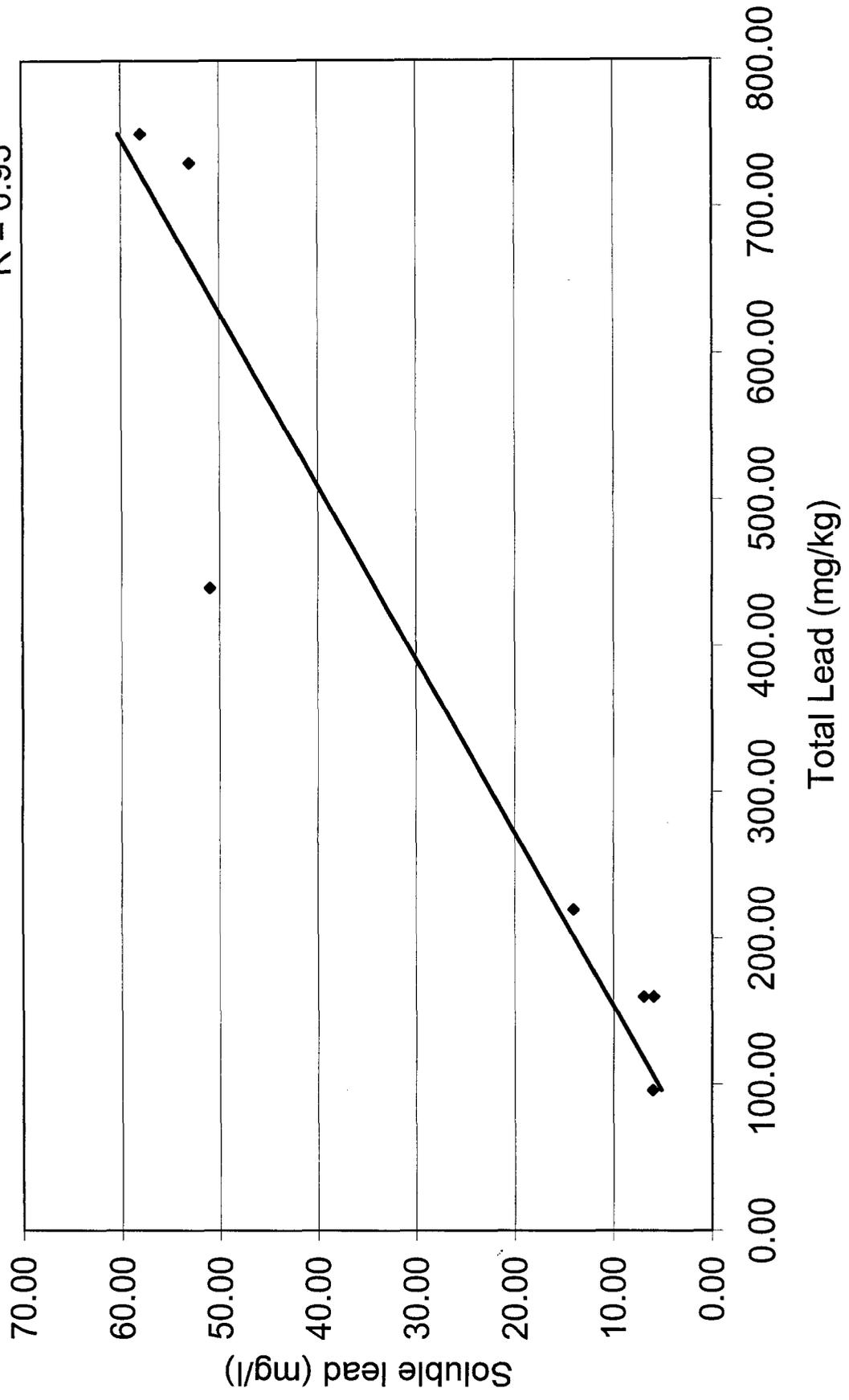


- DIAGRAM A -- Separate the top 0.15 m of soil from the remaining underlying soil
- DIAGRAM B -- Separate the top 0.30 m of soil from the remaining underlying soil
- DIAGRAM C -- Separate the top 0.60 m of soil from the remaining underlying soil
- DIAGRAM D -- Separate the top 0.90 m of soil from the remaining underlying soil
- DIAGRAM E -- Treat the entire section as a single unit

The above diagrams show the total and predicted soluble (WET) lead concentrations in each grouping of soil depending on how the various levels of soil are segregated. For instance, Diagram A shows a scenario where the top 0.15 m of soil is excavated and kept separate from the underlying soil. In this case, the top 0.15 m of soil would be expected to exhibit an average total lead concentration of 1345.2 mg/kg and a WET concentration of 137.8 mg/l. The underlying soil would be expected to exhibit an average total lead concentration of 107.2 mg/kg and a predicted WET concentration of 7.6 mg/l.

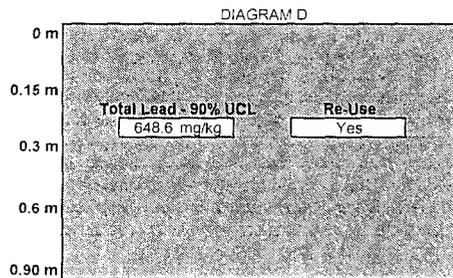
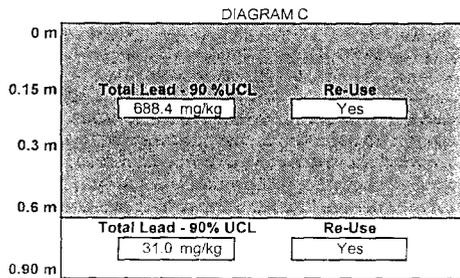
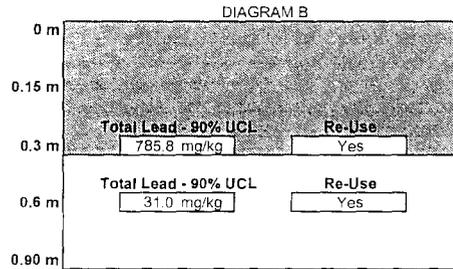
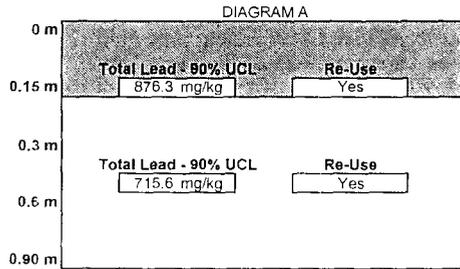
# Regression Analysis - Soundwall 44

$$y = 0.0844x - 2.9891$$
$$R = 0.95$$



Task Order Number: 07-496101-RE  
 EA: 002101  
 Project Name: Route 60 - Soundwall 44  
 Project No.: 09100-06-32

Block Diagrams For Potential Caltrans Right-Of-Way Re-Use  
 One-Tailed 90% UCLs for Arcsine Transformation



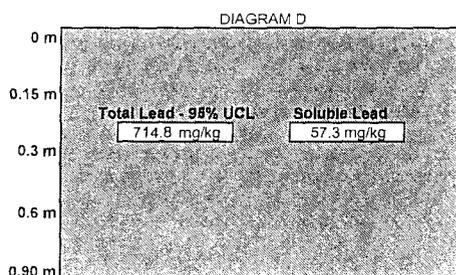
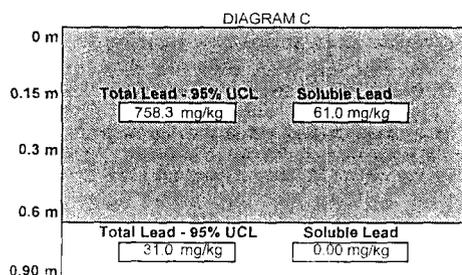
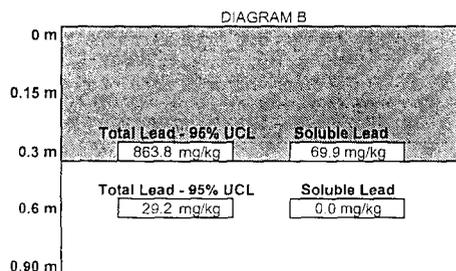
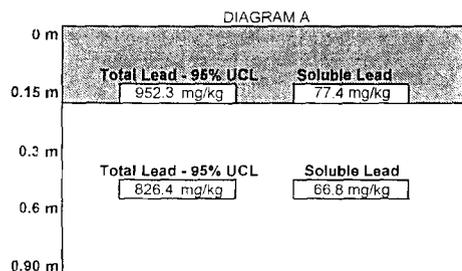
- DIAGRAM A -- Separate the top 0.15 m of soil from the remaining underlying soil
- DIAGRAM B -- Separate the top 0.30 m of soil from the remaining underlying soil
- DIAGRAM C -- Separate the top 0.60 m of soil from the remaining underlying soil
- DIAGRAM D -- Treat the entire section as a single unit

The above diagrams show the total lead concentrations in each grouping of soil depending on how the various levels of soil are segregated. For instance, Diagram A shows a scenario where the top 0.15 m of soil is excavated and kept separate from the underlying soil. In this case, the top 0.15 m of soil would be expected to exhibit a total lead concentration of 876.3 mg/kg. The underlying soil would be expected to exhibit a total lead concentration of 715.6 mg/kg.

The above re-use scenarios are based upon the indicated UCLs and an average WET-DI concentration of 0.20 mg/l for the entire soil column. Refer to Section 6 of the report for DTSC Lead Variance re-use limitations.

Task Order Number: 07-496101-RE  
 EA: 002101  
 Project Name: Route 60 - Soundwall 44  
 Project No.: 09100-06-32

Block Diagrams For Potential Off-Site Disposal  
 One-Tailed 95% UCLs for Arcsine Transformation



- DIAGRAM A -- Separate the top 

0.15 m
--------

 of soil from the remaining underlying soil
- DIAGRAM B -- Separate the top 

0.30 m
--------

 of soil from the remaining underlying soil
- DIAGRAM C -- Separate the top 

0.60 m
--------

 of soil from the remaining underlying soil
- DIAGRAM D -- Treat the entire 

section
---------

 as a single unit

The above diagrams show the total and predicted soluble (WET) lead concentrations in each grouping of soil depending on how the various levels of soil are segregated. For instance, Diagram A shows a scenario where the top 0.15 m of soil is excavated and kept separate from the underlying soil. In this case, the top 0.15 m of soil would be expected to exhibit an average total lead concentration of 952.25 mg/kg and a WET concentration of 77.4 mg/l. The underlying soil would be expected to exhibit an average total lead concentration of 826.4 mg/kg and a predicted WET concentration of 66.8 mg/l.

# INFORMATION HANDOUT

## LANDSCAPE (RECYCLED WATER)

- ARTICLE 8 - BACKFLOW AND CROSS-CONNECTION CONTROL
- ARTICLE 9 - RECYCLED WATER USE REGULATIONS
- CROSS-CONNECTION PLAN APPROVAL APPLICATION
- RECYCLED WATER ANNUAL PERMIT
- RECYCLED WATER NOTES

## ARTICLE 8 BACKFLOW AND CROSS-CONNECTION CONTROL

### 8.01 CROSS-CONNECTIONS

8.01.01 **General Provisions:** These regulations are adopted pursuant to the State of California Code of Regulations, Title 17, Sections 7583 through 7605 inclusive, entitled "Regulations Relating to Cross-Connections." These provisions shall be in addition to, but not in lieu of, the controls and requirements of other regulatory agencies such as local government agencies and local and State health departments. These regulations are intended to protect the District's potable water supply and are not intended to provide regulatory measures for protection of consumers from the hazards of cross-connections within their own premises. Backflow prevention devices, as required in these provisions, shall be provided and maintained by the applicant, owner, or consumer at his/her expense. Such devices shall be located on the premises of the property served and shall not be considered part of the District's water distribution system.

It is the intent of these regulations to prevent any person, firm, or corporation from making or maintaining or causing to be made or maintained, temporarily or permanently, for any period of time whatsoever, any cross-connection between plumbing pipes or water fixtures being served with water by the District and any other source of water supply, or to maintain any sanitary fixture or other appurtenance or fixture which, by reason of its construction, may cause or allow backflow of water or other substances into the water supply system of the District.

The purpose of these regulations are:

- 8.01.01.01 To protect the District's water system against actual or potential cross-connections by isolating, within the premises, contamination that may occur because of some undiscovered or unauthorized cross-connection on the premises.
- 8.01.01.02 To eliminate existing connections between the District's water system and other sources of water that are not approved as safe and potable for human consumption.
- 8.01.01.03 To eliminate cross-connections between drinking water systems and other sources of water or processed water used for any purpose whatsoever which jeopardize the safety of the potable water supply.
- 8.01.01.04 To prevent the making of cross-connections in the future.

## 8.02 CROSS-CONNECTION PROTECTION

- 8.02.01 Whenever backflow protection has been determined necessary by the District, the consumer will be required to install an approved backflow prevention assembly at his/her expense. Any such assembly will be installed as close as practicable to the downstream side of the consumer's metered service or the connection to the District's distribution system in accordance with District Standard Drawing No. 4.
- 8.02.02 Whenever backflow protection has been determined to be necessary on a water supply line entering a consumer's premises, then any and all water supply lines from the District's mains entering such premises, buildings, or structures shall be protected by an approved backflow prevention assembly. The type of assembly to be installed shall be in accordance with the requirements set forth in these Rules and Regulations.

## 8.03 REQUIREMENT FOR PROTECTION ASSEMBLIES

- 8.03.01 **Protection from an Auxiliary Supply:** Each service connection originating from the District's water system for supplying water to premises having an auxiliary water supply shall be protected against backflow of water from the premises into the public water system, unless the auxiliary water supply is accepted as an additional source by the District and is approved by the health agency.
- 8.03.02 **Protection from Processed Water:** Each service connection originating from the District's water system for supplying water to premises on which any substance is handled in such fashion as to permit its entry into the water system shall be protected against backflow of water from the premises into the public system. This shall include the handling of processed waters and waters originating from the District's water supply system which have been subject to deterioration in quality.
- 8.03.03 **Protection from Internal Cross-Connection:** Backflow prevention assemblies shall be installed on the service connection to any premises that has: (a) internal cross-connections, (b) intricate plumbing and piping arrangements, or (c) restrictions where entry to all portions of the premises is not readily accessible for inspection purposes, making it impractical or impossible to determine whether or not cross-connections exist.
- 8.03.04 **Protection from Recycled Water:** A property which is also supplied with recycled water, in addition to the District's potable water supply, shall also comply with such additional cross-connection provisions specified in these Rules and Regulations pertaining to recycled water service. Protective devices will be required on the District's potable water services, although under no circumstances will the District tolerate an actual or potential cross-connection between the District's potable water supply and the consumer's on-site recycled water facilities. Tracer dyes may be periodically required to be introduced into the recycled water system by the owner, where feasible, so that the existence of cross-

connections with (or backflow into) the potable water system will be visible. In all cases in which recycled water is used on individually and privately owned premises and is under individual and private control, such as in the case of an industrial user, or in which recycled water is used at schools and public parks with extensive systems and high public exposure and use, or in which the on-site recycled water system has additional pressure added through pumping, the District shall require a backflow prevention device on its potable water supply. The type of protection device shall be determined by the District in accordance with Article 8.07 herein.

#### 8.04 TYPE OF PROTECTION REQUIRED

The type of protection that shall be provided to prevent backflow shall be commensurate with the degree of hazard that exists on the consumer's premises. The type of protective assembly that may be required includes: Double Detector Check Assembly (DDC), Reduced Pressure Principle Backflow Prevention Assembly (RP), and an Air-Gap Separation (AG). The consumer may choose a higher level of protection than is required by the District. The minimum types of backflow protection to premises with varying degrees of hazard are listed below. Situations which are not covered shall be evaluated on a case-by-case basis, and the appropriate backflow protection assembly shall be determined by the District and/or health agency.

#### 8.05 APPROVED BACKFLOW PREVENTION ASSEMBLIES

8.05.01 Only backflow prevention assemblies which have been approved by the District shall be acceptable for installation by a consumer at his/her connection to the District's potable water system. The approved list shall be based on the current list periodically published by the University of Southern California Foundation for Cross-Connection Control.

8.05.02 The District will provide, upon request, to any interested or affected consumer a list of approved backflow prevention assemblies.

#### 8.06 BACKFLOW PREVENTION ASSEMBLY INSTALLATION

Backflow prevention assemblies shall be installed in a manner prescribed in Section 7603, Title 17, of the California Code of Regulations. Location of the assemblies should be as close as practical to the consumer's connection. The District shall have the final authority in determining the required location of a backflow prevention assembly. In any event, no connections will be permitted to be made to the service piping between the District's facilities and the backflow prevention assembly.

#### 8.07 PROTECTIVE ASSEMBLIES

The protective assembly required shall depend on the degree of hazard as tabulated below:

8.07.01 **Assembly for Auxiliary Water Supply:** At the service connection to any premises where there is an auxiliary water supply handled in a separate piping system with no known cross-connection, the District's water supply

shall be protected by an approved, reduced-pressure principle backflow prevention assembly or air-gap separation assembly.

- 8.07.02 **Assembly for Recycled Water:** At the service connection to any premises where the District's potable water system is used to supplement a recycled water supply, or where recycled water is used and there is no interconnection, the District's water supply shall be protected by an air-gap separation. The air-gap separation shall be located as close as practicable to the metered service, and all piping between the metered service and the receiving tank shall be visible or available for inspection. If these conditions cannot be reasonably met, the potable water supply shall be protected with an approved, reduced-pressure principle backflow prevention assembly, providing this alternative is acceptable to both the District and the health agency.
- 8.07.03 **Assembly for Objectionable Substance:** At the service connection to any premises on which a substance that would be objectionable (but not necessarily hazardous to health), if introduced into the District's water supply, is handled so as to constitute a cross-connection, the District's water supply shall be protected with an approved, reduced-pressure principle backflow prevention assembly installed in accordance with District standards.
- 8.07.04 **Assembly for Internal Cross-Connections:** At the service connection to any premises on which there is an auxiliary water supply where cross-connections are known to exist and which cannot be presently eliminated, the District's water supply shall be protected with an approved, reduced-pressure principle backflow prevention assembly installed in accordance with District standards.
- 8.07.05 **Assembly For Toxic Substance:** At the service connection to any premises on which any material dangerous to health or toxic substance in toxic concentration is or may be handled, the District's water supply shall be protected by an air-gap separation. The air-gap separation shall be located as close as practicable to the metered service, and all piping between the metered service and receiving tank shall be visible or available for inspection. If these conditions cannot be reasonably met, the potable water supply shall be protected with an approved, reduced-pressure principle backflow prevention assembly, providing this alternative is acceptable to both the District and the health agency.
- 8.07.06 **Assembly for Sewage:** At the service connection to any sewage treatment plant or sewage pumping station, the District's water supply shall be protected by an air-gap separation. The air-gap separation shall be located as close as practicable to the metered service, and all piping between the metered service and receiving tank shall be visible or available for inspection. If these conditions cannot be reasonably met, the potable water supply shall be protected with an approved, reduced-pressure principle backflow prevention assembly, providing this alternative is acceptable to both the District and the health agency.

- 8.07.07 **Assemblies for Master Metered Connections and Looped Private Fire Protection Systems:** At service connections to any premises served by a master meter assembly, or which have a looped private fire protection system that is not maintained by the District, the District's water supply shall be protected with an approved, reduced-pressure principle backflow prevention assembly installed in accordance with District standards.
- 8.07.08 **Assemblies for Commercial and Industrial Developments:** At the service connection to any commercial or industrial development, the District's water supply shall be protected with an approved, reduced-pressure principle backflow prevention assembly installed in accordance with District standards.
- 8.07.09 **Assemblies for Private Fire Protection Systems:** At the service connection to any Class I or II private fire protection system, the District's water supply shall be protected with an approved, double-detector check assembly installed in accordance with District Standard Drawing No. 20A. Other classes of private fire protection systems shall be protected with a minimum of an approved, double-detector check assembly installed in accordance with District standards. Higher levels of protection, as determined by the District, may be required for Class III or higher private fire protection systems.
- 8.07.10 **Assemblies for Landscape Irrigation Service:** At the service connection to any landscape irrigation service, including those for landscape maintenance districts, the District's water supply shall be protected with an approved, reduced-pressure principle backflow prevention assembly installed in accordance with District standards.
- 8.07.11 **Fire Protection System:** The District's water supply shall be protected by an air-gap separation on premises where the fire protection system is directly connected to the District's system and is interconnected with an unapproved auxiliary water supply. If these conditions cannot be reasonably met, the potable water supply shall be protected with an approved reduced pressure principle backflow prevention assembly, providing this alternative is acceptable to both the District and the health agency.
- 8.07.12 **Use of Pumps on Consumer's Side of the Meter:** When a consumer receiving service at the District's main or service connection must, by means of a pump of any kind, elevate or increase the pressure of the water received, the pump shall not be attached to any pipe directly connected to the District's main or service pipe. Such pumping or boosting of pressure shall be done from a sump, cistern, or storage tank which shall be served by the District's distribution facilities through an approved air-gap assembly. If these conditions cannot be reasonably met, the potable water supply shall be protected with an approved, reduced-pressure principle backflow prevention assembly, providing this alternative is acceptable to both the District and the health agency.

## 8.08 BACKFLOW PREVENTION ASSEMBLY CHANGES

Approval must be obtained before a backflow prevention assembly is removed, relocated, or replaced. All costs related to removal, relocation, replacement, repair, or testing of a backflow prevention assembly shall be borne by the consumer.

- 8.08.01     **Removal:** The use of an assembly may be discontinued and the assembly removed from service upon presentation of sufficient evidence acceptable to the District to verify that a hazard no longer exists or is not likely to be created in the future.
- 8.08.02     **Relocation:** An assembly may be relocated following confirmation by the District that the relocation will continue to provide the required protection and satisfy installation requirements. A retest will be required following the relocation of the assembly.
- 8.08.03     **Repair:** An assembly may be removed and replaced, provided the water use is either discontinued until repair is completed and the assembly is returned to service or the service connection is equipped with other backflow protection approved by the District. A retest will be required following the repair of the assembly.
- 8.08.04     **Replacement:** An assembly may be removed and replaced provided the water use is discontinued until the replacement assembly is installed. All replacement assemblies must be approved by the District and must be commensurate with the degree of hazard involved.

## 8.09 SITE SUPERVISOR

At each premises, where it is determined by the District to be necessary, a site supervisor shall be designated by and at the expense of the consumer. This site supervisor shall be responsible for the monitoring of the consumer's backflow prevention assemblies and for avoidance of cross-connections. In the event of contamination or pollution of the drinking water system resulting from a cross-connection on the premises, the District shall be immediately notified by the site supervisor so that appropriate measures may be taken to overcome the contamination. The consumer shall provide the District with the names of all site supervisors and notify the District whenever a change occurs, or on an annual basis, whichever occurs first.

## 8.10 RESPONSIBILITIES

- 8.10.01     **Cross-Connection Protection Determination:** It shall be the responsibility of the General Manager to determine whether any service connection or the handling of substances within the premises served is deemed to constitute a hazard to the District's water system and to determine the degree of hazard and to establish the requirements for protection. The General Manager shall accomplish the requirements for protection in conjunction with the health agency.

- 8.10.02 **Cross-Connection Protection Installation and Maintenance:** It shall be the responsibility of the consumer to install and maintain the required protective assembly and to have the assembly inspected and tested at least once a year, or upon change of ownership, whichever occurs first. Testing shall be performed by a person who has demonstrated to the District his/her competency in testing backflow devices. The assembly shall be repaired, overhauled, or replaced at the expense of the consumer whenever it is found to be defective. It shall be the duty of the District to see that these tests are made in accordance with the responsibility designated in Section 7584 of Title 17, California Code of Regulations.

## 8.11 WATER SYSTEM SURVEY

- 8.11.01 The District shall review all requests for new services to determine what degree and type of backflow protection is required. Plans and specifications must be submitted to the District upon request for review of possible cross-connection hazards as a condition of service for new service connections. If it is determined that a backflow prevention assembly is necessary to protect the public water system, the required assembly must be installed before service will be granted.
- 8.11.02 The District may require an on-premise inspection to evaluate cross-connection hazards. Any consumer who cannot or will not allow an on-premise inspection of his/her piping system shall be required to immediately install a District-approved backflow prevention assembly immediately downstream from the consumer's metered service.
- 8.11.03 The District may, at its discretion, require a re-inspection for cross-connection hazards on any premise to which it serves water. Any consumer who cannot or will not allow an on-premise inspection of his/her piping system shall be required to immediately install a District-approved backflow prevention assembly immediately downstream from the consumer's metered service.

## 8.12 CONSUMER NOTIFICATION – ASSEMBLY INSTALLATION

- 8.12.01 The District will notify the consumer of the findings of any such inspection provided for in Article 8.11 above, listing corrective action to be taken if required. A period of approximately sixty (60) days will be given to complete all corrective action required, including installation of backflow prevention assemblies.
- 8.12.02 A second notice will be sent to each consumer who fails to take the required corrective action prescribed in the first notice within the time period allowed. The second notice shall give the consumer a two (2) week period to comply with the required corrective action. If no action is taken within the two (2) week period, the District will disconnect water service to the affected consumer until the required corrective actions are taken.

## 8.13 BACKFLOW PREVENTION ASSEMBLY TESTING

- 8.13.01 The owners of any premises on which, or on account of which, backflow prevention assemblies are installed shall have the assemblies tested by a person who has demonstrated to the District his/her competency in testing these assemblies. Backflow prevention assemblies must be tested at least annually and immediately after installation, relocation, repair, or when the ownership or downstream water use has been changed. Testing intervals shall be set by the District. Required intervals for such testing may be shortened if it is determined by the District that a history of malfunctioning has been established, or if the degree of hazard makes more frequent inspections advisable. No assembly shall be placed back into service unless it is functioning as required. A report in a form provided by the District shall be returned to the District each time an assembly is tested, relocated, repaired, or when ownership or downstream water use has been changed.
- 8.13.02 The District will supply affected consumers with a list of persons acceptable to the District to test backflow prevention assemblies. The District will notify affected consumers by mail when initial, annual, or periodic testing of an assembly is required and also supply consumers with the necessary forms, which must be filled out and returned to the District each time an assembly is tested or repaired.

## 8.14 CONSUMER NOTIFICATION – TESTING AND MAINTENANCE

- 8.14.01 The District will annually notify each affected consumer by mail when it is time for the backflow prevention assembly installed at his/her service connection to be tested. This written notice shall provide the consumer approximately thirty (30) days in which to have the assembly tested and shall supply the consumer with the necessary form to be completed and submitted to the District.
- 8.14.02 A second notice shall be sent to each consumer who fails to test his/her backflow prevention assembly as prescribed in the first notice within the thirty (30) day period allowed. The second notice will give the consumer a two (2) week period to have the backflow prevention assembly tested.
- 8.14.03 A third notice shall be sent if no action is taken within the two (2) week period following the second notice. This notice shall provide the consumer with a final two (2) week period to have the backflow prevention assembly tested.
- 8.14.04 If the backflow prevention assembly still remains untested at the end of this final two (2) week period, the District shall proceed to disconnect the consumer's water service as set forth in Article 8.15. The water service will remain terminated until acceptable documentation of a successful test on the backflow prevention assembly is received at the District office.

8.15 **DISCONNECTION OF SERVICE FOR CROSS-CONNECTION VIOLATION**

Service of water to any premises may be disconnected by the District after reasonable notification if unprotected cross-connections exist on the premises, if any defect is found in an installed backflow prevention assembly, or if a backflow prevention assembly has been removed or bypassed. Service will not be reconnected until such conditions or defects are corrected. Disconnection of service may be summary, immediate, and without notice whenever, in the judgment of the General Manager or health agency, such action is necessary to protect the purity of the water supply or the safety of the water system.

8.15.01 **Basis for Disconnection:** Conditions or water uses that create a basis for water service disconnection shall include, but are not limited to, the following:

- 8.15.01.01 Refusal to install a required backflow prevention assembly
- 8.15.01.02 Refusal to test a backflow prevention assembly
- 8.15.01.03 Refusal to repair a faulty backflow prevention assembly
- 8.15.01.04 Refusal to replace a faulty backflow prevention assembly
- 8.15.01.05 Direct or indirect connection between the District water system and a sewer line
- 8.15.01.06 Unprotected direct or indirect connection between the District water system and a system or equipment containing contaminants
- 8.15.01.07 Unprotected direct or indirect connection between the District water system and an auxiliary water system
- 8.15.01.08 A situation which presents an immediate health hazard to the District water system
- 8.15.01.09 If ordered by local or State Health Department

8.15.02 **Water Service Disconnection Procedures:** For conditions 8.15.01.01 through 8.15.01.09, the District will disconnect service to a consumer's premises after two (2) written notices have been sent specifying the corrective action needed and the time period in which it must be done. If no action is taken within the allowed time period, water service will be disconnected. The District may disconnect any service without notice if an immediate health threat to other consumers or to the District's potable supply is evident.

- END OF ARTICLE 8 -

## **ARTICLE 9 RECYCLED WATER USE REGULATIONS**

### **9.01 GENERAL**

The Walnut Valley Water District (District) operates and maintains a recycled water distribution system, which provides recycled water service for landscape irrigation, agricultural irrigation, or any industrial process purpose.

It is the intent of the District that recycled water be used in a manner that, in compliance with any and all applicable Federal, State and local statutes, ordinances, regulations, and other requirements, will achieve the following:

- Prevent direct human consumption of recycled water
- Limit direct human contact with recycled water
- Limit runoff of recycled water by controlling the installation and operation of recycled water facilities

Where water is required for landscape irrigation, agricultural irrigation, or industrial process purposes, it is the intent of the District to provide the applicant, owner, or customer with recycled water in lieu of potable water where feasible. Each use must be approved on a case-by-case basis. Determination of the specific uses to be allowed shall be in accordance with the treatment standards and water quality requirements set forth in Title 22, Division 4, Chapter 3, of the California Code of Regulations and with the intent of these Rules and Regulations to protect the public health. In addition, each use shall be subject to the availability of distribution facilities and the feasibility of making such facilities available.

### **9.02 AREA SERVED**

The requirements set forth herein pertain to recycled water service to land or improvements, or both, lying within and without the boundaries of the District.

The District may, at its discretion from time to time, contract with an applicant, owner, or customer to construct the necessary service lines and appurtenant facilities as a condition to obtaining service from the District.

### **9.03 SERVICE CONNECTIONS**

Recycled water may be used for landscape irrigation, agricultural irrigation, or industrial process purposes, provided that all such use is in accordance with these Rules and Regulations and provided further that:

- 9.03.01 The design and construction of the on-site recycled water system shall be approved by the District.
- 9.03.02 The operator of the on-site recycled system is able to obtain a permit to receive such water and use it only for approved purposes.

- 9.03.03 Violation of permit conditions will result in reprimand, fines, and/or disconnection of service, depending on the severity of the violation.

Any such permit may be revoked by the District and thereupon such recycled water service shall cease in the manner provided in Article 9.06.

#### 9.04 APPLICATION PROCEDURE

- 9.04.01 An application for recycled water service must be made in writing and signed by the applicant, owner, or customer if he/she is not one and the same. The application form shall be furnished by the District (Appendix G).
- 9.04.02 The applicant for a recycled water service permit under these Rules and Regulations must state thereon that he/she agrees to comply with the requirements or any and all applicable Federal, State, and local statutes, ordinances, regulations, and other requirements. The District may, at its discretion, require specific prior approval of any permit by any Federal, State, or local agency having jurisdiction over the operation of the District's facilities.
- 9.04.03 Upon receipt of an application, the District shall review the application, as it deems necessary. If the application is approved by the District, the General Manager will prescribe requirements in writing to the applicant as to the facilities necessary to be constructed, the manner of connection, and any other applicable requirements.

#### 9.05 PERMITS

The permit for recycled water service shall include the following (Appendix G):

- Name and address of applicant
- A drawing of the proposed system showing the location and size of all valves, pipes, outlets, and appurtenances
- A statement that no changes in the proposed system will be undertaken without application and approval of an amended permit
- A statement acknowledging the applicant's liabilities due to violation of these Rules and Regulations, and the District's rights regarding water service as outlined in these Rules and Regulations

#### 9.06 DISCONNECTION OF SERVICE

By reason of circumstances beyond the control of the District and in order to protect facilities of the District, or for the protection of the public health, safety, and welfare of the residents and property owners of the District, service may be disconnected under the conditions set forth below, notwithstanding the existence of a valid and subsisting permit for recycled water service:

- 9.06.01 Recycled water service may be disconnected on a temporary or permanent basis in the manner provided in Articles 8 and 9 herein at any

time the applicant's, owner's, or customer's operations do not conform to the applicable requirements as provided in Articles 8 and 9.

- 9.06.02 The District may disconnect recycled water service on a temporary basis at any time recycled water at the terminal point of the District's distribution system does not meet the requirements of regulatory agencies, including those prescribed by Title 22, Division 4, Chapter 3, of the California Code of Regulations. Recycled water service would, in such case, be reconnected at such time that recycled water at the terminal point of the distribution system would again meet the requirements of regulatory agencies, or at such time that the District would supplement the recycled water system with water from other sources.

**9.07 OTHER LIMITATIONS OF SERVICE**

Whenever possible, the District shall operate the recycled water system at a lower pressure than the potable water system so that the flow would be from the potable to the recycled system in the event of a cross-connection.

**9.08 SIZE, LOCATION, AND INSTALLATION OF SERVICE**

The District reserves the right to determine the size and location of the recycled water lines, service connections, and meters, including the flow rate of recycled water deliveries. The District shall have the right to determine the kind and size of backflow protection devices for potable water service in accordance with Article 8 and any and all other appurtenances to the service. The recycled water service lines shall be installed to the curb line or property line of the customer's property abutting upon a public street, highway, alley, easement, lane, or road (other than a freeway) in which are installed recycled water mains of the District.

**9.09 LIMITATIONS ON SERVICE CONNECTIONS**

No permit shall be issued except upon the following conditions:

- 9.09.01 The District reserves the right to limit the area of land under one ownership to be supplied by one recycled water service connection and recycled water meter.
- 9.09.02 The District reserves the right to require recycled water customers to install on-site storage facilities, at the discretion of the General Manager, to meet requested demands in order to maintain the operational capability of the recycled water system.
- 9.09.03 A recycled water service connection and recycled water meter shall not be used to supply adjoining property of a different owner.
- 9.09.04 When property provided with a recycled water service connection and recycled water meter is subdivided, such connection and meter shall be considered as serving the lot or parcel of land that it directly or first enters. Additional recycled water mains and/or recycled water service

lines will be required for all subdivided areas in accordance with these Rules and Regulations.

9.09.05 All recycled water used on any premises where a meter is installed must pass through the meter. Customers shall be held responsible and charged for all recycled water passing through their meters.

9.09.06 Every recycled water service line installed by the District is equipped with an angle meter stop on the inlet side of the meter. The angle meter stop is intended for the exclusive use of the District in controlling the recycled water supply through the recycled water service line. If the angle meter stop is damaged by the customer's use to an extent requiring replacement, such replacement shall be at the customer's expense.

9.09.07 Recycled water service may be supplied to residential property under the following conditions, provided that all attributes of the system are in compliance with Article 9 of these Rules and Regulations.

9.09.07.01 The property area proposed to be irrigated with recycled water is: (i) under ownership and/or control of a municipality or approved homeowner's association; (ii) has been designated as permanent open space; (iii) or is part of a Lighting and Open Space Maintenance District (LOSMD).

9.09.07.02 Upon application to the District by a property owner who can demonstrate major irrigation needs, the General Manager or designee shall evaluate such request on a case-by-case basis.

## 9.10 RELOCATION OF RECYCLED WATER SERVICE LINE

Should a recycled water service line installed by the District pursuant to the request of the applicant, owner, or customer be of the wrong size or installed at a wrong location, the cost of all changes required shall be paid by the applicant, owner, or customer. The costs for all repairs or changes required to be performed by the District shall also be paid by the applicant, owner, or customer.

## 9.11 ILLEGAL CONNECTIONS

No person shall make connection to recycled water facilities of the District without a permit, except as provided in the permit issued by the District.

## 9.12 RECYCLED WATER METERS

9.12.01 Water meters suspected by the customer of failing to register correctly (either high or low) may be requested by the customer to be tested. Testing and payment of costs are to be conducted according to Article 4.04.08, Adjustment of Bills for Meter Error; and Article 4.03.06.03, Meter Test Charge.

9.12.02 Water meters used for recycled water service shall not be interchanged or used for domestic water service after repairs or meter testing has been accomplished.

### 9.13 **AUTHORIZED USES FOR RECYCLED WATER**

In accordance with the provisions of Article 9.01, the uses of recycled water may include, but not necessarily be limited to, landscape irrigation, agricultural irrigation, and industrial process water. Each such use must be considered for approval by the District on a case-by-case basis, and the District may determine, at its discretion, whether it is necessary or desirable to furnish recycled water for the specific uses involved. Determination as to specific uses to be allowed shall be in accordance with the treatment standards and water quality requirements set forth in Title 22, Division 4, Chapter 3, of the California Code of Regulations. Prior to approving such uses, the District may, at its discretion, set forth specific requirements as conditions to providing such services and/or require specific prior approval from the appropriate regulatory agencies.

### 9.14 **SCHEDULING USE OF RECYCLED WATER**

The District reserves the right to control and schedule the use of recycled water if, in the opinion of the General Manager or his/her designated representative, scheduling is necessary for purposes including, but not limited to, the maintenance of an acceptable working pressure in the recycled water system and providing for reasonable safeguards in relation to public health. Such scheduling may involve programming deliveries to different customers and to various portions of a single customer's on-site system.

### 9.15 **RESPONSIBILITY FOR MAINTENANCE**

The applicant, owner, or customer is responsible for maintaining all on-site facilities (downstream of the customer's service meter) and the District has no ownership interest therein.

### 9.16 **WATER CONSERVATION**

It is the desire of the District to effect conservation of water resources whenever possible and to limit direct human contact with recycled water. In accordance with the above, the rate and extent of application of recycled water shall be controlled by the customer so as to minimize runoff from irrigated areas.

### 9.17 **RECYCLED WATER SITE SUPERVISOR**

The local health department and the District shall be kept informed of the identity of the person responsible for the water piping on all premises concerned with these regulations. At each premises, a "Recycled Water Site Supervisor" shall be designated. This supervisor shall be responsible for the installation and use of pipelines and equipment and for the prevention of cross-connections. All conditions set forth in Article 8.09 shall apply to the Recycled Water Site Supervisor.

## 9.18 RECYCLED WATER FACILITIES DESIGN AND CONSTRUCTION

9.18.01 **General:** All off-site recycled water facilities and all on-site recycled water facilities shall be designed and constructed according to the requirements, conditions, and standards set forth in a separate supplement as adopted and revised by the District from time to time entitled, "Standard Specifications for the Construction of Water Facilities." This document is on file at the District office and by this reference is incorporated herein. The recycled water system, including both off-site and on-site facilities, shall be separate and independent of any potable water system.

9.18.02 **Off-Site Recycled Water Facilities:** Any recycled water distribution facilities determined by the District to be required to serve the property of an applicant, owner, or customer shall be provided by the applicant, owner, or customer at his/her expense.

The District shall prepare all plans and specifications and perform the installation of any facilities. In some cases, the District may require larger facilities to be installed than are actually required to serve the property of the applicant. In such event, the District will bear the difference in cost between the size required and the larger size of pipe, valves, fittings, labor, and other appurtenances specified by the District.

The District will assume responsibility for providing recycled water service to the point of connection upon completion of all distribution facilities and conveyance of any necessary easements. All easements shall be in a form acceptable to the District and shall not be subject to outstanding obligations to relocate such facilities or to any Deeds of Trust, except in instances where such is determined by the Board or the General Manager to be in the best interests of the District.

9.18.03 **On-Site Recycled Water Facilities:** Any on-site recycled water facility shall be provided by the applicant, owner, or customer at his/her expense. The applicant, owner, or customer shall retain title to all such on-site facilities.

9.18.03.01 **Plans and Specifications:** On-site recycled water facilities, in addition to conforming to these Rules and Regulations and the District's Standard Specifications for the Construction of Water Facilities, shall conform to State and local governing codes, rules, and regulations. When the District's Standard Specifications for the Construction of Water Facilities require a higher quality material, equipment, design or construction method than that required by State or local governing codes, rules, and regulations, the District's Rules and Regulations and specifications shall take precedence.

Plans and specifications must be approved by the District prior to commencing construction. Controller charts for

landscape sprinkler irrigation systems must be prepared and approved in accordance with the above-referenced specifications. Prior to commencement of service to any on-site system using recycled water, as-built record drawings shall be provided and approved by the District. The installed system shall be tested under active conditions to ensure that the operation is in accordance with the intent of these Rules and Regulations.

9.18.03.02 **Marking Safe and Unsafe Water Lines.** Where the premises contain dual or multiple water systems and piping, the exposed portions of pipelines shall be painted, banded, or marked at sufficient intervals to distinguish clearly, which water is safe and which is not safe in accordance with health department requirements. The same color purple or lavender shall always be used to indicate recycled water throughout the system. All outlets from recycled systems shall be posted as being contaminated and unsafe for drinking purposes.

9.18.03.03 **Water Main Separation.** Potable water mains shall be at a location as far as possible above the elevation of nearby recycled water lines, and recycled water lines shall be at a location as far as possible above the elevation of nearby sanitary sewers. These separation distances shall comply with the minimum separation criteria in the State and local health requirements. In the event that particular conditions create a situation where minimum separation criteria cannot be met, the California Department of Health Services' "Criteria for the Separation of Water Mains and Sanitary Sewers" shall be used.

## 9.19 RECYCLED WATER FACILITIES OPERATION

9.19.01 **Interruption of Service:** All recycled water delivery shall be on an interruptible basis, depending on the quantity and quality of the recycled water delivered to the District, in accordance with the terms of the individual service agreement between the District and the applicant, owner, or customer. Supplemental supplies from potable water sources are available to the recycled system and may be used in lieu of recycled water in the event of an interruption.

9.19.02 **Operation of Off-Site Recycled Water Facilities:** Operation and surveillance of all of the District's off-site recycled water system facilities, including but not limited to, recycled water pipelines, reservoirs, pumping stations, manholes, valves, connections, supply inerties, and other appurtenances and property, up to and including the District's meter assembly, shall be under the management and control of the District. No other persons, except authorized employees of the District, shall have any right to enter upon, inspect, operate, adjust, change, alter, move, or relocate any portion of the foregoing or any of the District's property.

9.19.03

**Operation of On-Site Recycled Water Facilities:** The operation and surveillance of all on-site recycled water system facilities, including but not limited to, landscape irrigation systems, agricultural irrigation systems, and systems utilized for industrial process purposes shall be under the management of a Recycled Water Site Supervisor designated by the applicant, owner, or customer. The District may, from time-to-time, require that a Recycled Water Site Supervisor obtain instruction in the use of recycled water, such instruction being provided or approved by the District. The District, as well, may inspect the on-site system per Article 9.20.

9.19.03.01 The applicant, owner, or customer shall have the following responsibilities in relation to operation of on-site facilities:

- a) To make sure that all operations personnel are trained and familiarized with the use of recycled water.
- b) To furnish their operations personnel with maintenance instructions, controller charts, and record drawings to ensure proper operation in accordance with the on-site facilities' design and these Rules and Regulations.
- c) To prepare and submit to the District one (1) set of record drawings of all on-site facilities installed for the conveyance of recycled water.
- d) To notify the District of any and all updates or proposed changes, modifications, or additions to the on-site facilities. Such changes shall be reviewed by the District and shall be designed and constructed in accordance with Article 9.18.03 herein. In accordance with the above-referenced requirements, conditions, and standards, changes must be submitted to the District for review and approval prior to construction. The construction shall be inspected by the District and revised record drawings and controller charts shall be delivered to the District. The District may, if it deems such to be in the best interests of the District, waive or modify any of the foregoing.
- e) To ensure that the design and operation of the recycled water facilities remain in compliance with these Rules and Regulations, including the District's Standard Specifications for the Construction of Water Facilities.
- f) To operate and control the system in order to prevent direct human consumption of recycled water, to limit direct human contact with recycled water, and to control and limit runoff. The applicant, owner, or customer shall be responsible for any and all subsequent uses of the recycled water. Operation and

control measures to be utilized in this regard shall include, where appropriate but not limited to, the following:

- (1) On-site recycled water facilities shall be operated to prevent discharge onto areas not under control of the customer. Semi-circle sprinklers shall be used adjacent to sidewalks, roadways, and property lines to confine the discharge from sprinklers to the design area.
- (2) Recycled water shall be applied at a rate that does not exceed the infiltration rate of the soil. Where varying soil types are present, the design and operation of the recycled water facilities shall be compatible with the lowest infiltration rate present.
- (3) When the application rate exceeds the infiltration rate of the soil, automatic systems shall be utilized and programmed to prevent the ponding and runoff of recycled water.
- (4) Any and all failures in the on-site system that cause an unauthorized discharge of recycled water shall be immediately reported to the District.
- (5) To comply with any and all applicable Federal, State, and local statutes, ordinances, regulations, and contracts, these Rules and Regulations, and all requirements prescribed by the Board and the General Manager.

9.19.03.02 **Implementation of On-Site Controls:** On-site controls have been promulgated by the Los Angeles County Department of Health Services (LACDHS) and the California Department of Health Services (CDHS) to protect the health of the public at large and the employees of recycled water users. The minimum necessary on-site controls are contained in *Guidelines for use of Reclaimed Water* issued by the CDHS, in the Los Angeles County Public Health Code, and in Title 17 of the California Code of Regulations.

9.19.03.03 **Local Regulation:** Recycled water system on-site controls shall meet or exceed all of the requirements established by the applicable State and local regulatory agencies to protect the public health.

9.19.03.04 **Operational Controls:** The minimum necessary operational controls shall include, but not be limited to, those stipulated below:

- )
- a) **Irrigation Usage.** Irrigated areas must be kept completely separated from domestic water wells and reservoirs. A minimum of 500 feet shall be provided. Irrigation should be controlled to minimize ponding of wastewater and runoff should be contained and properly disposed.
  
  - b) **Landscape Irrigation.** Irrigation should be done so as to prevent or minimize contact by the public with the sprayed material, and precautions should be taken to ensure that recycled water will not be sprayed on walkways, passing vehicles, buildings, picnic tables, domestic water facilities, or areas not under control of the user. Irrigation should be practiced during periods when the grounds will have maximum opportunity to dry before use by the public unless provisions are made to exclude the public from areas during and after spraying with recycled water. Windblown spray from the irrigation area should not reach areas accessible to the public. Drinking water fountains should be protected from direct or windblown recycled water spray.
  
  - c) **Additional Protection.** All persons entering the premises for any reason shall be made aware by the user of the potential health hazards involved with contact or ingestion of recycled water. All recycled water valves, outlets, and sprinkler heads should be appropriately tagged to warn such persons that the water is not safe for drinking or direct contact. Adequate first aid kits should be available on location, and all cuts and abrasions should be treated promptly to prevent infection. A doctor should be consulted where infection is likely. Precautionary measures should be taken to minimize direct human contact with recycled water or recycled water sprays. All persons involved in more than a casual contact with recycled water should be provided with protective clothing. At crop irrigation sites, the crops and soil should be allowed to dry before harvesting. Provisions should be made for a supply of safe drinking water. Where bottled water is used for drinking purposes, the water should be in contamination-proof containers and protected from contact with recycled water or dust. The water should be of a source approved by the local health authority. Toilet and washing facilities should be provided. Precautions should be taken to avoid contamination of food taken to areas irrigated with recycled water
- )

and food should not be taken to areas still wet with recycled water.

9.19.03.05 **Physical Attributes of On-Site System (General):** All recycled water valves, outlets, and sprinkler heads should be of a type that can only be operated by authorized personnel. Identification of facilities should include the following:

- a) All valve boxes shall be purple plastic with the words, "Recycled Water," cast into the plastic lid.
- b) All control valves must have a plastic label attached with a nylon tie wrap with the words, "Recycled Water – Do Not Drink," in English and Spanish.
- c) All aboveground risers shall be labeled with a self-adhesive label with the same warning as the label for control valves.
- d) All flush, pop-up sprinkler heads must be made of purple plastic.
- e) All below-grade piping must be purple "Alert Line" pipe with the words, "Recycled Water – Do Not Drink." This applies to both permanent and intermittent pressure pipe. This requirement does not apply to fittings and risers.
- f) No hose bibs are allowed on recycled water systems. Quick couplers are allowed but must be made for recycled water systems. Quick couplers must also be placed in purple plastic valve boxes.
- g) No on-site backflow prevention assembly shall be allowed on any recycled water system serving landscape, turf, or crop irrigation.

9.19.03.06 **Retrofit of Existing Irrigation Systems.** All existing systems to be retrofitted are subject to inspection by the County Health Department. All existing irrigation systems to be converted to recycled water must have the same identification as a system installed per Article 9.19.03.05 with the following exceptions:

- a) The existing piping need not be changed to purple plastic. However, any new PVC installed must be purple (i.e., the new connection piping to the recycled water source).
- b) The existing flush pop-up sprinkler heads may have snap-on purple plastic warning rings attached.
- c) Any existing concrete control valve boxes may be painted purple and stenciled with the words, "Recycled Water – Do Not Drink," in lieu of replacing them with purple plastic boxes.

The operator of the irrigation system to be retrofitted to recycled water must provide to the District the following prior to the District allowing final tie-over to the recycled water system:

- a) A detailed site plan identifying the location of heads, valves, hose bibs, quick couplers, point of connection, etc., for the system to be converted to recycled water. This site plan shall have notes identifying the retrofit work to be done (i.e., snap-on rings, hose-bib to quick coupler, etc.). The plan shall identify the disconnect and new connection location. The location for the new recycled water meter must appear on the site plan.
- b) A dye test or dual pressure test of the existing irrigation system must be performed by an experienced, licensed backflow or cross-connection contractor at the customer's expense. A dual pressure test may be performed in lieu of the dye test if it is permitted by the Health Department. The isolation testing must be witnessed by the County Health Department. A letter from the contractor performing the dye/pressure test must be forwarded to the District office certifying the absolute separation of the domestic and irrigation systems.
- c) Following completion of all retrofit work, the system shall be inspected by the District's cross-connection control technician and Health Department for compliance with these Rules and Regulations. Any discrepancies with the requirements must be remedied by the customer at the customer's sole expense prior to final tie-in to the recycled water system.
- d) Following final approval and inspection by the District and County Health Department, the applicant may perform the tie-in to the recycled water system. The final tie-in and severing of the original source of supply must be inspected by District staff.

9.19.03.07

**Posting of On-Site Warnings.** Adequate means of notification shall be provided to inform the public at large and employees of users that recycled water is being used. Such notification shall include the posting of conspicuous warning signs with proper wording of sufficient size to be clearly read, which shall be posted at adequate intervals around the use area. In some locations, especially at crop irrigation use areas, the warning signs shall be in Spanish as well as English.

At golf courses, notices should be printed on scorecards stating that recycled water is used, and the spacing and locations of signs shall be coordinated with the District.

## 9.20 RECYCLED WATER MONITORING AND INSPECTION

The General Manager, or authorized representatives of the District, shall monitor and inspect the entire recycled water system, including both on-site and off-site facilities. The District shall conduct monitoring programs, maintain a record as deemed necessary, and provide reports as requested by regulatory agencies, including the California Regional Water Quality Control Board. The General Manager, or authorized representatives of the District, in carrying out these functions, shall have the right to enter upon the customer's premises during reasonable hours for the purpose of inspecting on-site recycled water facilities and areas of recycled water use and to ensure compliance with these Rules and Regulations, including the provision that runoff be controlled and limited and the provision that cross-connections between potable water facilities and recycled water facilities do not exist. Monitoring of the on-site system may include periodic dual pressure tests to ensure that no cross-connections exist.

## 9.21 RECYCLED WATER APPLICABLE FEES AND CHARGES

- 9.21.01 **Establishment of Rates:** Rates to be charged and collected and terms, provisions, and conditions to be effective, respecting such rates for recycled water service supplied by the District, shall be as fixed and established by the Board from time-to-time and published in Appendix A herein. Such charges shall be subject to the terms of any existing recycled water service agreements. This provision is in addition to and not by way of derogation of any other remedies or procedures available to the District pursuant to any law or regulations, or by any of the provisions of these Rules and Regulations.
- 9.21.02 **Change of Service Charge:** The District reserves the right to change the schedule of recycled water service charges and other charges at any time, or from time-to-time, subject to the terms of any existing recycled water service agreements.
- 9.21.03 **Service Charge Billing:** Recycled water service charges will be rendered as part of the District Recycled Water Service Bill at intervals of one (1) month or multiples thereof.
- 9.21.04 **Metering:** For the purpose of computing charges, each meter upon the customer's premises will be considered separately.
- 9.21.05 **Time and Manner of Payment:** All bills and charges for recycled water service hereunder shall be due and payable upon presentation and shall become delinquent after the term defined in the service agreement, or thirty (30) days after presentation. Such bills and charges shall be deemed to have been presented upon having been deposited in the United States mail, postage paid and addressed to the applicant, owner, or customer as reflected in the records of the District.

9.21.05.01 If payment is not made within the term defined in the service agreement, or thirty (30) days after presentation, the recycled water service may be disconnected without further notice and recycled water service shall not again be supplied until all overdue bills, including a penalty as established from time-to-time by the District, have been paid. Payment shall be made in person or by mail at offices of the District.

9.21.05.02 Disconnection of service by reason of an overdue bill shall not automatically constitute revocation of permit. However, such delinquency may be considered as sufficient reason for a revocation of permit in accordance with the provisions of these Rules and Regulations.

9.21.06 **Disputed Bills:** The procedure to be used to contest the accuracy of charges for retail recycled water delivery is as follows:

9.21.06.01 Within five (5) days of receipt of the bill for recycled water service, the consumer may initiate an investigation into the accuracy of the charges set forth on the bill. Such protest shall be in writing, shall set forth in detail the basis for the dispute, and shall be delivered to the District at its office.

9.21.06.02 The consumer shall be required to pay the disputed bill in full at the time the protest is filed with the District.

9.21.06.03 Upon receipt of the protest, the District hearing officer shall review the protest to determine whether additional information or clarification is necessary to adequately evaluate the dispute. If additional information or clarification is deemed necessary, the hearing officer may request such additional information or clarification from the consumer. Upon receipt of all information required to evaluate the consumer's dispute, a hearing date shall be set before the hearing officer. After evaluation of the evidence provided by the consumer and the information on file with the District concerning the recycled water charges in question, the hearing officer shall render a decision as to the accuracy of the recycled water charges and shall provide the consumer with a brief written summary of the decision.

a) If the charges are determined to be incorrect, a corrected invoice will be provided, and either a refund or a credit will be issued, as directed by the consumer.

b) If the charges are determined to be correct, no further billing will be provided, and the consumer's account will reflect payment in full of the bill in question.

c) At the time the hearing officer renders his or her decision, the consumer will be advised of the right to

further appeal to the General Manager, and that such further appeal must be made in writing and delivered to the District within ten (1) days of the date the hearing officer's decision is rendered.

9.21.06.04 Upon receipt of a written appeal to the General Manager, a hearing date will be scheduled. The consumer will be required to personally appear before the General Manager and present evidence and reasons as to why the decision of the hearing officer should not be upheld. The General Manager shall evaluate the evidence presented by the consumer and the information on file with the District concerning the charges in question, and shall render a decision as to the accuracy of those charges. The General Manager's decision is final and binding.

## 9.22 ENFORCEMENT AND PENALTIES

Any person, firm, corporation, association, or agency found to be violating any provision of these Rules and Regulations, or the terms and conditions of the applicant's, owner's, or customer's service agreement, permit, or any applicable Federal, State, or local statutes, regulations, ordinances, or other requirements, shall be served by the District with written notice stating the nature of the violation and providing a reasonable time limit for the satisfactory correction thereof. The offender shall, within the period of time stated in such notice, permanently cease all violations. This provision is in addition to and not by way of derogation of any other remedies or procedures available to the District by law, regulation, or pursuant to any of the provisions of these Rules and Regulations.

Failure to permanently cease all violations within the time stated shall result in revocation of the permit by the District and disconnection of recycled water service. Violations regarding any restrictions within these Rules and Regulations may result, at the sole discretion of the General Manager, in disconnection of recycled water service in the following manner.

9.22.01 Interim Revocation: In cases where the serious nature of the violations described above require immediate action, the General Manager may, at the sole discretion of the General Manager, immediately revoke the permit on an interim basis and thereupon disconnect recycled water service, subject to a timely decision on permanent revocation of permit pursuant to a public hearing as provided herein.

9.22.02 Permanent Revocation: Permanent revocation of a recycled water permit shall occur only subsequent to a public hearing held in the manner hereinafter provided. The applicant, owner, or customer shall be given written notice ten (10) calendar days prior to a hearing on the possible permanent revocation of any permit by the District. The notice shall specify the grounds of the proposed revocation of any such permit in reasonable detail and it may, but need not, describe corrective action acceptable to the District. Notice may be delivered personally to the applicant, owner, or customer, or it may be given by deposit in the United States mail with postage prepaid, addressed to the applicant, owner, or

customer either at the address for the applicant, owner, or customer as reflected in the records of the District or as shown on the last equalized assessment roll of the County as defined in the Revenue and Taxation Code of the State of California. Any such action to permanently revoke the permit shall be effective ten (10) consecutive calendar days after notice of the Board's decision and shall be either personally delivered to the applicant, owner, or customer or placed in the United States mail, postage prepaid, addressed to the applicant, owner, or customer in the manner herein above specified. Any request to re-establish service subsequent to the revocation of a permit and the disconnection of recycled water service shall be in the manner prescribed for initially obtaining service from the District, which may include the collection of a security deposit in an amount determined by the Director of Finance. However, in addition, the District may, at its discretion, require that a service agreement and financial security conditioned upon compliance with the District's Rules and Regulations be provided in an amount, manner, and for a period of time as determined by the Board.

**9.23 FUTURE RECYCLED WATER EXPANSION**

The District requires the installation of separate meters for potable and landscape irrigation needs for commercial and industrial property per Section 4.07.05. In the event recycled water is currently unavailable at the property but expansion of the recycled system to the property is foreseeable, the District may require the installation of new commercial irrigation systems to be in compliance with Sections 9.18 and 9.19.

**9.24 WHOLESALE RECYCLED WATER SERVICE**

In some instances the District may, by special agreement, provide recycled water on a wholesale basis. All applicable regulations apply to such sale of recycled water, as provided in this Article 9, except in those instances where the wholesale recycled consumer undertakes to comply with such regulations on its own, and applicable law authorizes such undertaking by the consumer. In all instances, the responsibility for compliance with laws and regulations applicable to the sale and delivery of recycled water will be provided for in a written agreement between the District and the wholesale recycled water consumer. The applicable rate for such water service shall be set forth in the agreement between the District and the wholesale recycled water consumer. Unless otherwise set forth in the agreement, the provisions of Article 9.21 regarding billing, payment of bills, and billing disputes shall apply.

The foregoing provisions of these Rules and Regulations are a requirement of any permit, and any application for service and permit therefore shall be subject to such provisions. The Board, if it deems such to be in the best interests of the District, may, on an interim basis or otherwise, waive or modify any of the foregoing.

**- END OF ARTICLE 9 -**

**COUNTY OF LOS ANGELES - DEPARTMENT OF PUBLIC HEALTH  
BUREAU OF ENVIRONMENTAL PROTECTION  
CROSS-CONNECTION AND WATER POLLUTION CONTROL PROGRAM  
5050 Commerce Drive, Rm 116, Baldwin Park, CA. 91706-1423  
(626) 430-5290 Fax # (626) 813-3025**

**CROSS-CONNECTION PLAN APPROVAL APPLICATION**

**Plan Approvals invalid after one year from the date of application**

Fill in all appropriate blanks (incomplete applications will delay the application).

Date	Project Name:		
Job Address:	City:	Zip:	
Contractor:	Phone:		
Address:	City:	Zip:	
Owner:	Phone:		
Address:	City:	Zip:	
Email:			

Domestic Water Purveyor:	Walnut Valley Water District
Recycled Water Purveyor:	Walnut Valley Water District

Plans submitted by (Name)	Sheryl L. Shaw
Company Name:	Walnut Valley Water District
Address & Phone #:	271 S. Brea Canyon Rd. Walnut, CA 91789
Email:	sshaw@wvwd.com

Project Description/Type: (Recycled, Gray and/or Cistern Water System, Industrial, Dental, Dialysis, Manufacturing, etc.)
Recycled

Number of copies being submitted (minimum 2 copies required) 2

A letter of approval/denial is issued to the persons submitting the plans, owner, water purveyor and State DPH.

**Recycled Water Plan Checking Fee : \$1,348.00**  
**All other project proposal plan checking fee: CALL**

**INSTRUCTIONS FOR SUBMISSION OF PLANS**

- Typical Plan submittals must include the plumbing, landscaping, utility, and overall site plan..
- Make check or money order (cash not accepted) payable to: **LOS ANGELES COUNTY TREASURER**
- Checks and money orders must be made out for the exact amount of the fee.
- Personal checks must bear a name, address, and telephone number.
- This fee is not refundable nor is the application transferable.
- Your plans will not be reviewed or approved until a fee is paid.
- You will be contacted when your plans are ready.
- Attach the TOP copy of this form with your plans, keep the Second copy of this form for your records.

PLANS ARE APPROVED IN THE ORDER THEY ARE RECEIVED. MISSING INFORMATION OR IMPROPERLY PREPARED PLANS WILL DELAY THE APPROVAL PROCESS.

**FOR OFFICE USE ONLY**

Date \_\_\_\_\_ Amount paid \_\_\_\_\_

(Rev. 07/2007)

## Walnut Valley Water District

271 South Brea Canyon Road, Walnut, CA 91789  
(626) 964-8551-or- (909) 595-1268 - Fax (909) 594-9532

### RECYCLED WATER ANNUAL PERMIT

<i>Permittee</i>	
<i>Service Address</i>	
<i>Application Area</i>	
<i>Intended Use</i>	
<i>Account Number(s)</i>	
<i>Module Number(s)</i>	
<i>Meter Number(s)</i>	
<i>Meter Size(s)</i>	



Pursuant to the District and Regulations, the above Permittee, hereby makes application for the use of recycled water under the following terms and conditions:

1. Permittee shall comply with Articles 8 and 9 of the District Rules and Regulations and State Health Department Regulations (Title 22) regarding cross connections, and the Requirements for the Use of Recycled Water (listed on reverse side), copies of which are available upon request.
2. The facilities described herein shall be constructed and maintained according to District standards by the property owner.
3. Permittee shall provide to the District, prior to rendering recycled water service to the facilities described herein, a complete set of "as-built" plumbing and irrigation plans showing the following:
  - a) the location and size of all water pipelines (recycled and potable)
  - b) the location of all valves and other appurtenances
  - c) the location with respect to all related structures
4. Permittee agrees to allow the District periodic access to the premises during reasonable business hours for the purpose of inspecting the Permittee's system for compliance with District standards for recycled water use.
5. Permittee shall protect, indemnify and hold harmless the District, its officers, directors, employees, agents and representatives from and against all liabilities, cause of action, whether legal, equitable or administrative, damages, claims, demands, judgments, losses, costs, expenses, and shall defend District in any claim, investigation, proceeding or suit, including appeals, for any and all matters which may arise or be claimed to have arisen as a result of any act or omission to act by District or on behalf of District with respect to the construction, installation, operation or repair of the recycled water system and related facilities and with respect to the safe delivery and use of recycled water.
6. Prior to commencement of service, Permittee shall pay to the District all applicable fees and service charges in effect as of the date of issuance of the permit for said service.
7. Permittee shall not change or modify the approved on-site recycled water distribution system without prior written approval of the District. If Permittee changes or modifies the approved system or fails to maintain the approved system in a state of good repair, the District may, in addition to other legal remedies, disconnect recycled water service.
8. Permittee designates the following person, as "Site Supervisor," as having complete working knowledge of the system and delegated responsibility for ensuring the proper use of the on-site recycled water system. Permittee also agrees to notify WVWD of a change in "Site Supervisor."

<b>Site Supervisor:</b>	
Name & Title (Print): _____	E-Mail (Print): _____
Working Hours Phone: _____	24 Hr. Emergency Phone: _____

**THE TERMS OF THIS PERMIT ARE HEREBY ACCEPTED:**

By: \_\_\_\_\_  
*Signature*
*Print Name & Title*

E-Mail: \_\_\_\_\_ Date: \_\_\_\_\_  
*Print*

**APPROVED BY:**

\_\_\_\_\_ Date: \_\_\_\_\_ Permit Expires: \_\_\_\_\_  
 Thomas Monk, Production Supervisor

### RECYCLED WATER NOTES:

1. All valve boxes shall be purple plastic with the words "Recycled Water" cast into the plastic lid.
2. All control valves must have a plastic label attached with a nylon tie wrap with the words "Recycled Water – Do Not Drink" in English and Spanish.
3. All above-ground risers shall be labeled with a self-adhesive label with the same warning as the label for control valves.
4. All flush, pop-up sprinkler heads must be made of purple plastic.
5. All below grade piping must be purple pipe with the words "Recycled Water – Do Not Drink". This applies to both permanent and intermittent pressure pipe. This requirement does not apply to fittings and risers.
6. No hose bibs are allowed on recycled water systems.
7. Quick couplers are allowed, but must be made for recycled water systems. Quick couplers must also be placed in purple plastic valve boxes.
8. No on-site backflow prevention assembly shall be allowed on any recycled water system serving landscape, turf, or crop irrigation.
9. Signs indicating the use of recycled water are required and will be placed at the discretion of the District inspector.
10. Prior to pressure testing, potable water with an approved reduced pressure principle device may be temporarily used to establish planting. The system must be checked for cross-connections before converting to recycled water.
11. Potable water is required during initial pressure testing.
12. All required permits to be completed and signed before activation of recycled water.
13. Installation of recycled water irrigation shall comply with the requirements of Article 9 of the District's Rules and Regulations and County of Los Angeles Department of Public Health.

Required clearance between potable and recycled water lines is 10 feet horizontally and 1 foot vertically (with potable water line crossing perpendicularly over recycled water line). If a recycled water line crosses over a potable water line, the recycled water line shall be installed inside a sleeve with the sleeve centered over the potable water line and extended at least 10 feet on both sides.

Notify Joe Yersky at Walnut Valley Water District at (909) 595-1268 for his observations and inspections: 1) inspect pipe prior to

backfill; 2) initial pressure test; and 3) above-ground inspection – 2 day notification.

L.A. County must also dual pressure or dye test the system before allowing permanent connection.

Notify Joe Yersky @ W.V.W.D. and Dan Bacani @ L.A. County @ (626) 430-5290, for final inspections – 2 day notification.

**Please add the above notes to your irrigation plans.**

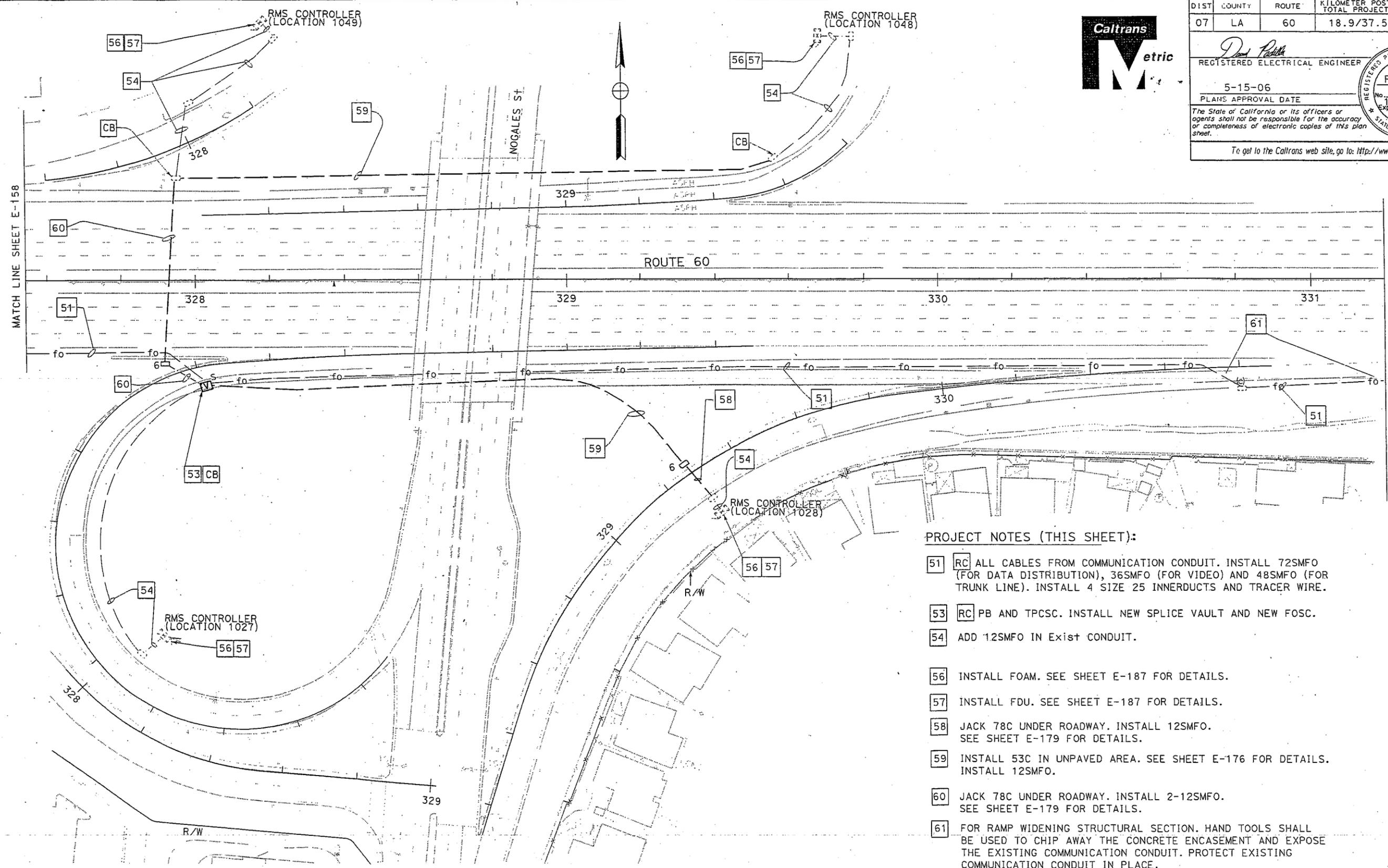
FOR CONTRACT NO. 07-4H9004  
PROJECT NO. 0700021079

# INFORMATION HANDOUT

FIBER OPTIC AS BUILT PLANS IN WORK AREA

**ROUTE: 07-LA-60-20.6**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
**ITS DEVELOPMENT**  
 PROJECT ENGINEER  
 DAVID PADILLA  
 CALCULATED/DESIGNED BY  
 CHECKED BY  
 DP  
 AJ  
 DATE REVISOR  
 1/05  
 1/06



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.
07	LA	60	18.9/37.5	111

David Padilla  
 REGISTERED ELECTRICAL ENGINEER  
 5-15-06  
 PLANS APPROVAL DATE  
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.  
 To get to the Caltrans web site, go to: <http://www.bili.com>

REGISTERED PROFESSIONAL ENGINEER  
 DAVID PADILLA  
 No. E162  
 Exp. 12-31-06  
 STATE OF CALIFORNIA

**PROJECT NOTES (THIS SHEET):**

- 51 RC ALL CABLES FROM COMMUNICATION CONDUIT. INSTALL 72SMFO (FOR DATA DISTRIBUTION), 36SMFO (FOR VIDEO) AND 48SMFO (FOR TRUNK LINE). INSTALL 4 SIZE 25 INNERDUCTS AND TRACER WIRE.
- 53 RC PB AND TPCSC. INSTALL NEW SPLICE VAULT AND NEW FOSC.
- 54 ADD 12SMFO IN Exist CONDUIT.
- 56 INSTALL FOAM. SEE SHEET E-187 FOR DETAILS.
- 57 INSTALL FDU. SEE SHEET E-187 FOR DETAILS.
- 58 JACK 78C UNDER ROADWAY. INSTALL 12SMFO. SEE SHEET E-179 FOR DETAILS.
- 59 INSTALL 53C IN UNPAVED AREA. SEE SHEET E-176 FOR DETAILS. INSTALL 12SMFO.
- 60 JACK 78C UNDER ROADWAY. INSTALL 2-12SMFO. SEE SHEET E-179 FOR DETAILS.
- 61 FOR RAMP WIDENING STRUCTURAL SECTION. HAND TOOLS SHALL BE USED TO CHIP AWAY THE CONCRETE ENCASUREMENT AND EXPOSE THE EXISTING COMMUNICATION CONDUIT. PROTECT EXISTING COMMUNICATION CONDUIT IN PLACE.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

**MODIFY COMMUNICATION SYSTEM ROUTING**

SCALE 1:500

FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT THE DISTRICT OFFICE.

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

1/06 DATE REVISOR  
 CHECKED BY  
 MATCH LINE SHEET E-160

PROJECT NO. 0700021079

# INFORMATION HANDOUT

GEOTECHNICAL DESIGN REPORT  
FOR  
RETAINING WALL AT WB OFFRAMP AT NOGALES STREET

**ROUTE: 07-LA-60-20.6**

# Memorandum

**To** : Mr. Matt Holm  
Branch Chief  
Bridge Design-Branch 12  
Office of Bridge Design South 1

**Date:** January 4, 2013

**Attn.** : Mr. Doug Menzmer  
Senior Bridge Engineer

**File:** 07-LA-60-PM 20.6  
0700021079(EA 07-4H9001)  
Widen WB Offramp at  
Nogales St., Rowland Heights

**From** : **DEPARTMENT OF TRANSPORTATION**  
Division of Engineering Services  
METS-Geotechnical Service  
Office of Geotechnical Design South-1

**Subject** : Geotechnical Design Report For Retaining Wall at WB Offramp at Nogales Street.

## INTRODUCTION

As requested by your office in the memo dated February 6, 2012, the following is the geotechnical recommendations for the above-referenced retaining wall. This project was shelved in 2005, and has recently been brought off the shelf.

The wall will be designed under Load and Resistance Factor Design (LRFD) Design Specifications. This report is based on information obtained from subsurface exploration performed in February and April, 2003.

## PROJECT LOCATION

The retaining wall will be constructed to widen west bound Offramp of State Route 60 at Nogales Street. The job site is located in the City of Rowland Heights, California, as shown in Figure 1.

## SCOPE OF WORK

This report provides review of obtained geotechnical information, and derived geotechnical recommendation.

The following information was reviewed

- Subsurface exploration including five Cone Penetration Tests (CPTs) and two hollow stem auger borings conducted on February 6, 2003, and April 2, 2003.
- Laboratory test.

- Foundation Report for current project, dated April 10, 2003, prepared by this office, and
- Log of Test Borings.

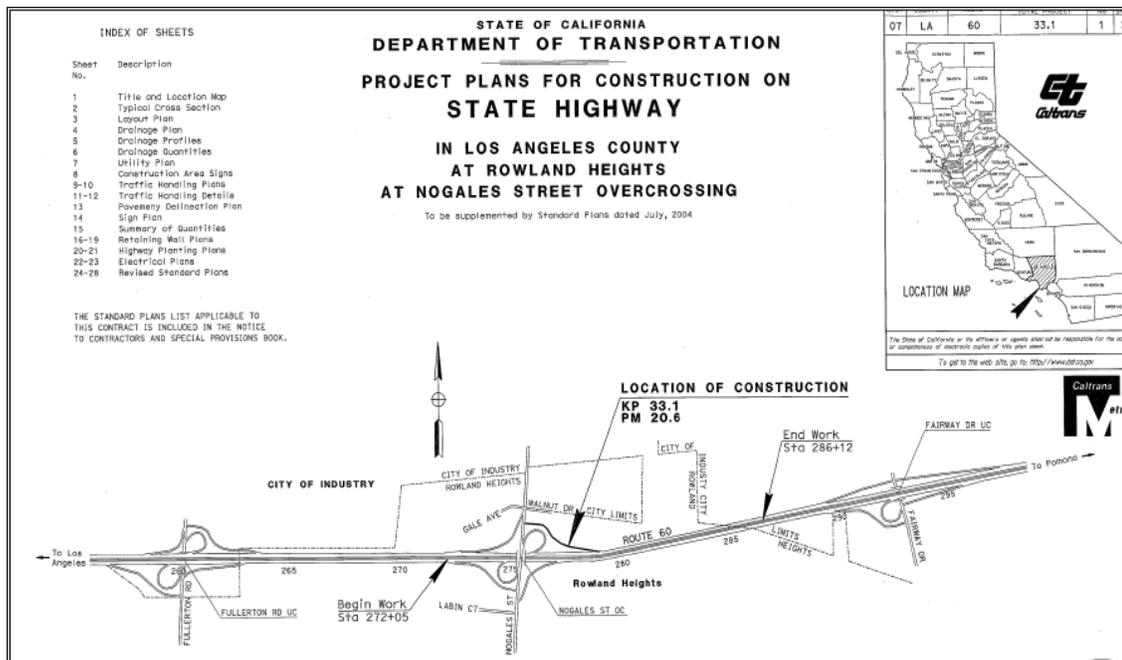


Figure 1 Job Site Location

## PROJECT DESCRIPTION

This project is to widen the north side of State Route 60 westbound off ramp to Nogales Street to add an extra lane. A retaining wall is needed for the widening. The wall is about 480 feet long between Station 78+56.15 and 83+00.19 of Off-Ramp Nogales Street "F" line. The height of wall varies from 6 to 14 feet.

## FIELD EXPLORATION

As stated above, the site reconnaissance, and subsurface exploration have been performed in 2003 by this office. The subsurface exploration included five Cone Penetration Tests (CPT) and two hollow stem auger borings. All five CPTs were completed on February 6, 2003. Two boreholes (BH-1, and BH-2) were advanced using Mobile CME-75 rig with a six-inch diameter hollow stem auger in the week of April 2, 2003. The borehole locations and elevations are summarized in Table 1.

Borings were logged based on visual observations of the soil cuttings and collected samples. Soil samples were collected using a Standard Penetration Test (SPT) sampler and California Modified sampler. The SPT was performed under ASTM D1584-84.

**Table 1 - Summary of Borehole Information**

Borehole Number (Types)	Location (ft)		Reference Line	Surface Elevation (ft)	Borehole Termination Elevation (ft)
	Station	Offset			
CPT-1	82+63.4	24.9 RT	F	462.2	429.4
CPT-2	81+66.0	24.9 RT	F	463.9	442.6
CPT-3	79+74.7	25.6 RT	F	465.4	457.2
CPT-4	78+82.9	25.3 RT	F	466.2	450.8
CPT-4A	78+76.3	25.3RT	F	466.2	438.6
BH-1	82+63.4	24.9 RT	F	462.2	430.1
BH-2	80+86.3	25.6 RT	F	465.1	433.6

## **LABORATORY TESTING PROGRAM**

Laboratory tests including particle size, moisture content, plasticity index and unit weight were performed on selected split-spoon SPT samples. Bulk samples were collected near surface of the slope to test for pH, resistivity and chloride and sulfate content as deemed necessary.

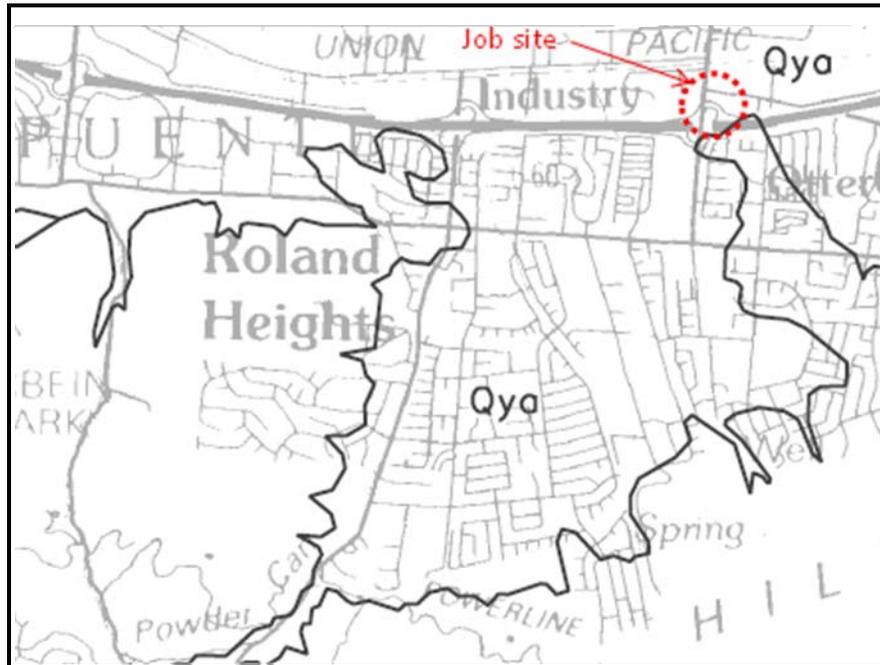
## **SITE GEOLOGY AND SUBSURFACE CONDITIONS**

### **Site Geology**

As shown in Figure 2, according to the geologic map of La Habra 7.5 minute Quadrangle from California Geologic Survey, the project site is underlain by Younger Quaternary alluvium (Qya) and generally consists of alluvial deposits composed of sand, clay, and silty sand/sandy silt with gravel. The site is underlain by Tertiary sedimentary rocks (Tscs), which are mostly rusty brown, coarse to fine-grained sandstone.

### **Subsurface Conditions**

Based on obtained subsurface exploration information, the soils encountered were mainly silty sand to a depth of about 16 to 20 feet below existing ground surface, underlain by about 5 feet of silty clay with fine sand. Further down there is a layer of silty sand with gravel consists mainly of medium dense to very dense fine sand and gravel. For detailed description of the soils, please refer to the Log of Test Borings (LOTBs).



**Figure 2 Quaternary geology of La Habra 7.5-minute quadrangle  
(Seismic Hazard Zone Report 09, Dept. of Conservation)**

### **Groundwater**

The groundwater table at CPT 1, and 2 are interpreted to be at elevation 445.9 feet while the groundwater table at CPT 4A is interpreted to be at elevation 448.2 feet. Groundwater was encountered at elevation 444.2 feet borehole BH-1. Groundwater was not measured at BH-2. From the above information, ground water is about 18 ft below ground surface.

### **SEISMIC RECOMMENDATIONS**

#### **Fault Rupture Hazard**

The retaining wall is not susceptible to fault rupture hazard since no known faults pass through the general area.

#### **Design Ground Motion**

Based on the Department's current fault database, the Puente Hills Blind Thrust Fault is the nearest seismic source to the proposed project site. Based on the subsurface information obtained from the exploration performed, the soil profile at the site can be classified as Type D as specified in the Table 1613.5 of the 2007 California Building Code. The project site is not located within a California Geological Survey (CGS) designated Alquist-Priolo Earthquake Fault zone (EFZ). A seismic hazard analysis was performed to develop the design ground motion parameters. For the seismic hazard analysis, an average  $(V_s)_{30}$  of 250 m/sec is assumed. Table 2 summarizes the Maximum Moment Magnitude ( $M_{max}$ ) of the fault,

type of faulting, distance, and Peak Ground Acceleration (PGA) of the fault mentioned above. The PGA is based on the 2009 ARS Online Report.

**Table 2 - Summary of Seismic Parameters**

Fault	Fault Type	M <sub>max</sub>	R <sub>rup</sub> (km)	PGA
Puente Hills Blind Thrust	R	7.3	5.6	0.60

Based on the above information, seismic design of retaining walls with a seismic horizontal acceleration coefficient  $k_h = 0.2$  are considered adequate.

### **Liquefaction**

Based on the ground water table and site geology, the project site is considered susceptible to soil liquefaction during seismic events.

### **CORROSIVITY**

Corrosivity of subsurface materials was tested in accordance with CTM 532, 643, 417, and 422. The results of the corrosion testing are summarized in Table 3.

**Table 3 - Corrosion Test Result Summary**

SIC Number (TL101)	pH	Minimum Resistivity (ohm-cm)	Sulfate Content (ppm)	Chloride Content (ppm)
C638044	7.95	670	2552	61

Note: Caltrans currently considers a site to be corrosive to foundation elements if one or more of the following conditions exist: Chloride concentration is greater than or equal to 500 ppm, sulfate concentration is greater than or equal to 2000 ppm, or the pH is 5.5 or less.

The test indicated that the subsurface materials in the project area are corrosive.

### **GEOTECHNICAL ENGINEERING PROPERTIES**

Relevant soil parameters were evaluated for the design of the wall. Table 4 presents the interpreted engineering properties of the subsurface materials.

**Table 4 – Idealized Soil Profile and Strength Parameters**

Section	App. Station	App. Elevation (ft)	Predominant Soil Type (USCS)	Unit Weight (pcf)	Cohesion (psf)	Friction Angle (degree)
1	78+56.15 to 78+80.15	456 to 458	SM	120	500	32
		451 to 456	CL	110		
		433 to 451	SM	120		35
2	78+80.15 to 79+04.15	453 to 455	SM	120	500	32
		448 to 453	CL	110		
		430 to 448	SM	120		35
3	79+04.15 to 79+52.15	451 to 453	SM	120	500	32
		446 to 451	CL	110		
		428 to 446	SM	120		35
4	79+52.15 to 81+96.54	448 to 450	SM	120	500	32
		443 to 448	CL	110		
		425 to 443	SM	120		35
5	81+96.54 to 82+48.70	439 to 450	SM	120	400	32
		434 to 439	CL	110		
		425 to 434	SM	120		34
6	82+48.70 to 83+00.19	441 to 452	SM	120	400	32
		436 to 441	CL	110		
		427 to 436	SM	120		34

## GEOTECHNICAL RECOMMENDATIONS

Due to elevated liquefaction potential, expected long-term settlements, and high seismicity of the job site, deep foundation is recommended to support the retaining wall. Drilled shaft option was considered for its relatively low installation noise and vibration during construction. However, due to the expected presence of groundwater in drilled holes during shaft installation, and site constraint for the foundation size, driven pile option is recommended for the retaining wall. Based on boring BH-2, at 5 to 15 ft below the bottom of footing there is a very dense soil layer with SPT N values between 52 and 70. Precast prestressed concrete piles and Steel pipe pile, Alternative "V" will have drivability issues. Steel pipe pile, Alternative "W" is not recommended for corrosive environments. Instead, H-pile is recommended. The recommended pile tip elevation and other geotechnical design requirements and parameters are shown in the Tables 5 and 6.

**Table 5 – Retaining Wall Foundation Design Recommendations**

Section	Wall Height (ft)	Cut-off Elevation (ft)	Service-I Limit State Load per Support (kip)	Total Permissible Support Settlement (inch)	Required Factored Nominal Resistance (kip)				Design Tip Elevations (ft)	Specified Tip Elevation (ft)	Nominal Driving Resistance (kips)
					Strength Limit		Extreme Event				
					Compression ( $\psi = 0.7$ )	Tension ( $\psi = 0.7$ )	Compression ( $\psi = 1$ )	Tension ( $\psi = 1$ )			
1	6	457.92	178	1	54	0	128	63	432 (a-I) 420 (a-II) 435 (b-II) 441 (d)	420	128
2	10	455.17	278	1	73	0	107	57	422 (a-I) 421 (a-II) 434 (b-II) 439 (d)	421	107
3	12	453.17	704	1	83	0	103	27	417 (a-I) 420 (a-II) 442 (b-II) 436 (d)	417	119
4	14	450.42	5317	1	94	0	99	7	411 (a-I) 418 (a-II) 444 (b-II) 432 (d)	411	135
5	10	452.42	556	1	91	0	138	49	411 (a-I) 409 (a-II) 428 (b-II) 435 (d)	409	138
6	6	457.67	357	1	60	0	140	70	427 (a-I) 414 (a-II) 432 (b-II) 440 (d)	414	140

Note:

- a-I: Compression for Strength Limit, a-II: Compression for Extreme Event, b-II: Tension for Extreme Event,  
 d: Lateral Load

**Table 6 – Pile Data Table**

Pile Data Table						
Section	Pile Type	Nominal Resistance (kips)		Design Tip Elevations (ft)	Specified Tip Elevation (ft)	Nominal Driving Resistance (kips)
		compression	Tension			
1	HP 10X57	128	63	420 (a) 435 (b) 441 (d)	420	128
2	HP 10X57	107	57	421 (a) 434 (b) 439 (d)	421	107
3	HP 10X57	119	27	417 (a) 442 (b) 436 (d)	417	119
4	HP 10X57	135	7	411 (a) 444 (b) 432 (d)	411	135
5	HP 10X57	138	49	409 (a) 428 (b) 435 (d)	409	138
6	HP 10X57	140	70	414 (a) 432 (b) 440 (d)	414	140

Notes:

- Design Tip Elevations are controlled by: (a) Compression, (b) Tension, and (d) Lateral load.
- The specified tip elevation shall not be raised above the design tip elevations for tension, and lateral load.

## SETTLEMENT

Total settlement of the proposed wall supported on the deep foundation was estimated to be negligible. Differential settlement within any 100 feet segment of the walls should be negligible.

## CONSTRUCTION CONSIDERATIONS

Groundwater may be expected. Due to seasonal rainfall and fluctuating groundwater elevations, there is the high potential for perched groundwater and groundwater to be encountered in excavation area.

If you have any questions or comments, please call Sungro Cho at (916) 227-5398, or Deh-Jeng Jang at (916) 227-5722.

Prepared by:      Date: 1/4/2013



*Sungro Cho*

Sungro Cho, Ph.D., P.E.  
Transportation Engineer  
Branch A