AERIAL DEPOSITED LEAD INVESTIGATION

BETWEEN LEUCADIA BOULEVARD AND BROOKS STREET

Interstate 5 North Coast Corridor Project

SAN DIEGO COUNTY, CALIFORNIA
DISTRICT 11-SD-5 (PM R28.4/R55.4)
EA 235800 (P ID 11-000-0159)

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AERIAL DEPOSITED LEAD INVESTIGATION
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For the

ROUTE 5
BETWEEN LEUCADIA BOULEVARD
AND BROOKS STREET
SAN DIEGO COUNTY
CALIFORNIA
PM: R42.7/R51.2
KP: R68.7/R82.4

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1.0 INTRODUCTION

The aerial deposited lead investigation report for the Route 5 expansion project was prepared by Professional Service Industries (PSI) for the California Department of Transportation (Caltrans).

1.1 Project Location and Proposed Improvements

The investigation area includes the northbound/southbound shoulders and median of Route 5 between Leucadia Boulevard and the 5/78 separation, and the northbound/southbound shoulders of Route 5 between the 5/78 separation and Brooks Street. The investigation area is located in San Diego County, California. The proposed improvements involve the widening of Route 5 in the area described above.

1.2 Purpose

The purpose of the aerial deposited lead investigation was to evaluate whether impacts due to aerial deposited lead (ADL) exist in surface and near surface soil within the project boundaries. It is necessary to determine the potential presence of soil containing hazardous concentrations of lead, and to evaluate the applicability of the California Department of Toxic Substances Control (DTSC) variance dated September 22, 2000 with respect to excess soil generated during construction and its potential reuse within Caltrans right-of-way. The investigative results will be further used to obtain information of the presence of lead impacted soil within the project boundaries for health, safety, and waste management purposes.

2.0 BACKGROUND

2.1 Potential Lead Impacts

Ongoing testing by Caltrans has indicated that aerial deposited lead exists in soil along major freeway routes due to emissions from vehicles powered by leaded gasoline. Caltrans reports that the total lead concentrations in soil adjacent to freeways have typically ranged between not detected (ND) and 3,000 milligrams per kilogram (mg/kg). The aerial deposited lead is generally limited to the upper 0.6 meter (2 feet) of soil within unpaved shoulder and median areas.

2.2 Hazardous Waste Determination Criteria

Regulatory criteria to classify a waste as "California hazardous" for handling and disposal purposes are contained in the California Code of Regulations (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), Section 261.

For 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 Toxicity Characteristic Leaching Procedure (TCLP) testing.

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

Per section 25157.8 of the California Health and Safety Code, 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 on September 22, 2000 regarding the deposition of ADL impacted soil within Caltrans projects. Review of the variance indicates the following conditions regarding Caltrans' reuse and management of ADL impacted soil as fill material for construction and maintenance operations.

Category 1:

Soil exhibiting soluble lead concentrations less than or equal to 0.5 milligrams per liter (mg/L) [based on a modified waste extraction test using deionized water as the extractant (WET-DI)] and total lead concentrations of 350 mg/kg or less may be used as fill provided that the ADL impacted soil is placed a minimum of 1.5 meters (5 feet) above the maximum water table elevation and covered with at least 0.3 meter (1 foot) of clean soil.

Category 2:

Soil exhibiting soluble lead concentrations greater than 0.5 milligrams per mg/L (based on the WET-DI) and total lead concentrations less than 350 mg/kg may be used as fill provided that the ADL impacted soil is placed a minimum of 1.5 meters (5 feet) above the maximum water table elevation and protected from infiltration by a pavement structure maintained by Caltrans.

Category 3:

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

3.0 SCOPE OF WORK

3.1 Pre-Field Activities

This section describes the tasks PSI performed prior to initiating the field activities. These tasks include: 1) attending the Caltrans Task Order Meeting, 2) preparing a Health and Safety Plan (H&SP), and 3) Contacting Underground Service Alert (USA).

A Task Order Meeting was conducted on January 25, 2001. Mr. Dale Bodman and Mr. Ryan Marcos of PSI, and Mr. Joel Kloth, of Caltrans, were in attendance. The primary purpose of the meeting was to familiarize PSI with site conditions and identify proposed sampling locations as well as to initiate the field program.

Prior to the commencement of field activities at the site, a site-specific Health and Safety Plan (H&SP) was prepared in compliance with 29 CFR 1910.120. The H&SP was designed to address the potential hazardous materials that may be encountered during field activities at the site. Further, the H&SP was designed to minimize the exposure to potentially hazardous materials and unsafe working conditions to on-site personnel.

Lastly, PSI contacted Underground Service Alert (USA) to identify utility lines beneath the areas of investigation.

3.2 Field Activities

ADL Soil Sampling

Field activities (ADL soil sampling) were performed on February 19, 20, 21, and 22, and March 1, 2, 9, and 12, 2001. One hundred and eighty (180) soil borings were advanced approximately 1.2 to 1.8 meters (4 to 6 feet) from the edge of the pavement to a maximum depth of approximately 0.6 meters (2 feet) below ground surface (bgs) at the following locations:

- 66 soil borings along the northbound shoulder of Route 5 between Leucadia Boulevard and Brooks Street (C-1 to C-49 and D-1 to D-17)

- 66 soil borings along the southbound shoulder of Route 5 between Leucadia Boulevard and Brooks Street (C-50 to C-98 and D-18 to D-34)

- 24 soil borings along the northbound median of Route 5 between Leucadia Boulevard and the 5/78 separation (C-99 to C-122).

- 24 soil borings along the southbound median of Route 5 between Leucadia Boulevard and the 5/78 separation (C-123 to C-146).

The soil borings were advanced using a hand auger. Soil samples were collected from unpaved areas at 6" (0.15 meters), 1' (0.3 meters), and 2' (0.6 meters) bgs. Due to refusal, borings C-10, C-11, C-15, C-36, C-43, C-48, C-54, C-80, C-89, C-98, C-105, C-113, and D-15 were terminated at 0.3 meters. The soil samples were obtained directly from the hand auger and transferred to 4-ounce glass jars.

A Global Positioning Survey was also performed by PSI after completion of the soil sampling activity. GPS location parameters for each boring were gathered in the field using equipment capable of providing accuracy within one meter. A summary of the GPS Data is presented in Table 1.

Approximate boring locations are depicted on site plans presented in Appendix A.

4.0 INVESTIGATIVE METHODS

4.1 Sampling Procedures

Soil samples obtained from the hand-held auger were collected and transferred to 4-ounce glass jars. The glass jars were labeled and placed in a container for transport to an analytical laboratory. Sampling equipment was cleaned between each soil boring by washing the equipment with a non-phosphate detergent solution followed by a double rinse with distilled water. The fieldwork was performed under the direct supervision of a registered civil engineer.

Completed soil borings were backfilled to surface grade with soil cuttings. The soil samples were transported to Advanced Technology Laboratories, a certified environmental laboratory, utilizing standard chain-of-custody procedures.

4.2 Laboratory Analyses

Copies of the laboratory reports and chain of custody documentation are presented in Appendix B. The laboratory analyses performed are summarized below:

- 527 soil samples were tested for total lead following United States Environmental Protection Agency (EPA) Test Method 6010.

- 47 soil samples were analyzed for soil pH using EPA Test Method 9045.

Upon receipt of the total lead results, PSI instructed the laboratory to analyze those soil samples exhibiting total lead concentrations greater than 50 mg/kg using the WET and EPA Series 7420 method. Consequently, 71 soil samples were analyzed for soluble lead using the WET method.

Additionally, samples exhibiting standard WET results in excess of 5 mg/L were analyzed using deionized water WET analysis (WET-DI). Subsequently, 53 soil samples were analyzed for soluble lead using the WET-DI method.

On April 25, 2001, Caltrans instructed PSI to analyze all D series soil samples not previously analyzed for soluble lead using the WET method (citric acid).

QA/QC procedures were performed for each method of analysis with specificity for each analyte listed in the test method's QA/QC. The laboratory QA/QC procedures included the following:

- One method blank for every ten samples, batch of samples, or type of matrix, whichever was more frequent.
- One sample analyzed in duplicate for every ten samples or type of matrix, whichever was more frequent.
- One spiked sample for every ten samples, batch of samples, or type of matrix, whichever was more frequent, with spike made at ten times the detection limit or at the analyte level.

Prior to submitting the soil samples to the laboratory, the chain of custody documentation was reviewed for accuracy and completeness.

5.0 FIELD OBSERVATIONS AND INVESTIGATIVE RESULTS

5.1 Site Geology and Hydrogeology

Soil encountered during the field activities generally consisted of silty sand and clay to the maximum depth of exploration, approximately 0.6 meters (2 feet) bgs. Groundwater was not encountered during the advancement of the soil borings.

5.2 Soil Analytical Results

A summary of the analytical laboratory test results for total lead, soluble lead, and pH is presented in Tables 2-4.

The pH results are summarized below:

- The soil samples collected on the northbound shoulder of Route 5 exhibited pH values ranging from 7.14 to 9.55. The average pH value was 8.26.

- The soil samples collected on the southbound shoulder of Route 5 exhibited pH values ranging from 4.90 to 9.24. The average pH value was 7.67.

- The soil samples collected on the northbound median of Route 5 exhibited pH values ranging from 6.48 to 8.70. The average pH value was 7.64.

- The soil samples collected on the southbound median of Route 5 exhibited pH values ranging from 7.19 to 9.37. The average pH value was 7.89.

DTSC variance Category 3 indicates that impacted soil with a pH of less than 5.0 shall only be used as fill material under the paved portion of the roadway. Based on the average pH values for the investigation area, the soil at the northbound and southbound Route 5 shoulders and medians do not fall within DTSC variance Category 3.

Lead results are summarized below:

Northbound Shoulder

- A total of 191 soil samples were collected on the northbound shoulder of Route 5 at a depth of 0.15, 0.3, and 0.6 meters, and analyzed for total lead. A total of 33 soil samples exhibited total lead concentration greater than 50 mg/kg. These 33 soil samples were subsequently reanalyzed for soluble lead using the WET. Of these 33 samples, 24 exhibited soluble (WET) lead results greater than 5 mg/L. These 24 samples were subsequently reanalyzed for soluble lead using the WET-DI. Only 2 of the 24 soil samples analyzed for soluble (WET-DI) lead exhibited concentrations greater than the DTSC variance Category 1 Threshold of 0.5 mg/L.

Southbound Shoulder

- A total of 194 soil samples were collected on the southbound shoulder of Route 5 at a depth of 0.15, 0.3, and 0.6 meters, and analyzed for total lead. A total of 26 soil samples exhibited total lead concentration greater than 50 mg/kg. These 26 soil samples were subsequently reanalyzed for soluble lead using the WET. Of these 26 samples, 20 exhibited soluble (WET) lead results greater than 5 mg/L. These 20 samples were subsequently reanalyzed for soluble lead using the WET-DI. Only 4 of the 20 soil samples analyzed for soluble (WET-DI) lead exhibited concentrations greater than the DTSC variance Category 1 Threshold of 0.5 mg/L.

Northbound Median

- A total of 70 soil samples were collected on the northbound median of Route 5 at a depth of 0.15, 0.3, and 0.6 meters, and analyzed for total lead. A total of 7 soil samples exhibited total lead concentration greater than 50 mg/kg. These 7 soil samples were subsequently reanalyzed for soluble lead using the WET. Of these 7 samples, 4 exhibited soluble (WET) lead results greater than 5 mg/L. These 4 samples were subsequently reanalyzed for soluble lead using the WET-DI. None of the 4 soil samples analyzed for soluble (WET-DI) lead exhibited concentrations greater than the DTSC variance Category 1 Threshold of 0.5 mg/L.

Southbound Median

- A total of 72 soil samples were collected on the southbound median of Route 5 at a depth of 0.15, 0.3, and 0.6 meters, and analyzed for

total lead. A total of 6 soil samples exhibited total lead concentration greater than 50 mg/kg. These 6 soil samples were subsequently reanalyzed for soluble lead using the WET. All of these samples exhibited soluble (WET) lead results greater than 5 mg/L. These 6 samples were subsequently reanalyzed for soluble lead using the WET-DI. None of the 6 soil samples analyzed for soluble (WET-DI) lead exhibited concentrations greater than the DTSC variance Category 1 Threshold of 0.5 mg/L.

5.3 Statistical Evaluation for Lead Detected in Soil Samples

The ADL statistical evaluation was performed using methods outlined in the Department of Toxics Substances Control (DTSC) "Waste Classification Statistical Pyramid (WCSP)." The WCSP is a statistical evaluation process involving calculating the mean, variance, standard deviation, and standard error of total and soluble sample data. MINITAB Version 13.0 statistical software was used to perform the required statistical calculations. Ultimately, this statistical data was used to calculate the confidence interval, which is used to determine the Upper Confidence Level (UCL). The total lead data were transformed using a natural logarithmic function if the variance exceeded the mean. Therefore, the 80% and 95% UCLs for the collected samples was calculated using a natural logarithmic transformation

5.4 Calculating the UCLs for the True Mean

The 80% and 95% one-sided UCL of the true mean are defined as the values that are equal to or exceed the true mean 80% and 95% of the time. 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 due to the infinite number of soil samples that could be collected from the site. The UCL therefore account for uncertainties due to limited sampling data. As data become less limited at a site, uncertainties decrease and the UCL move closer to the true mean.

The confidence interval was used to calculate the Upper Confidence Level (UCL) for total and soluble lead, which when compared to the Waste Designation Table For Aerial Deposited Lead presented in Appendix C, assists with making a hazardous waste determination.

UCLs were calculated for the following data sets to evaluate the expected total lead concentrations depending on the excavation depth and sampling location:

- Northbound Shoulder
- Southbound Shoulder
- Northbound Median
- Southbound Median

The UCLs for the above Data Sets are presented in Table 5.

5.5 Correlation of Total and Soluble Lead

Total and corresponding soluble (WET) lead concentrations are bivariate data with a linear structure. This linear structure should allow for the prediction of soluble lead (WET) concentrations based on the UCL calculated in the above Section 5.4.

To estimate the degree of interrelation between total and corresponding soluble (WET) lead values (*x* and *y*, respectively), the *correlation coefficient [r]* is used. The correlation coefficient is a ratio that ranges from +1 to –1. A *correlation coefficient* of +1 indicates a perfect direct relationship between two variables; a *correlation coefficient* of –1 indicates that one variable changes inversely with relation to the other. Between the two extremes is a spectrum of less-than-perfect relationships, including zero, which indicates the lack of any sort of linear relationship at all.

The *correlation coefficient* was calculated for the following data points (i.e., soil samples analyzed for both total *[x]* and soluble *[y]* (WET) lead):

The *correlation coefficient* for the 53 (*x,y*) data points equaled 0.837 (WET-De-Ionized Water). The *correlation coefficient* for the 72 (*x,y*) data points equaled 0.963 (WET-Citric Acid). This data indicates that an acceptable correlation between total and soluble lead concentrations exists when looking at the data from all samples.

Since the *correlation coefficient* indicates that a linear relationship exists between total and soluble (WET) lead concentrations, it is possible to compute the line of dependence, or a best-fit line between the two variables. MINITAB Version 13.0 statistical software was used to find the equation of the best-fit (regression line) for the data collected from all depths. The equation of the regression line was determined to be $y = 0.00352\ x$, where x represents total lead concentrations and y represents predicted soluble (WET-De-Ionized Water) lead concentrations. The equation of the regression line was determined to be $y = 0.102\ x$, where x represents total lead concentrations and y represents predicted soluble (WET-Citric Acid) lead concentrations. Note that the constant, b, was forced to zero in the above equation. This was done to show that a total

lead concentration of zero would correlate to a soluble lead concentration of zero.

This equation was used to estimate the expected soluble lead (WET) concentrations for the UCLs calculated in Section 5.4. Regression analysis calculations are provided in Appendix D and scatter plots depicting the data points along with the regression lines are included in Appendix E. In addition, the predicted soluble lead (WET) concentrations are shown in Table 5.

6.0 SUMMARY AND DISCUSSION

The following summary and discussions are based on the site investigation results and statistical analysis.

- Average soil pH values for the Northbound Shoulder, Southbound Shoulder, Northbound Median, and Southbound Median were 8.26, 7.67, 7.64, and 7.89, respectively.

- The *correlation coefficient* for total lead to soluble (WET-Deionized Water) lead is 0.837, with a linear regression equation of y = 0.00352 x. The *correlation coefficient* for total lead to soluble (WET-Citric Acid) lead is 0.963, with a linear regression equation of y = 0.102x. These values were used to predict soluble lead concentrations.

- Only 6 of the 53 soil samples analyzed for soluble (WET-DI) lead exhibited concentrations greater than the DTSC variance Category 1 Threshold of 0.5 mg/L.

<u>Northbound Shoulder</u>

- The calculated 95% UCL for the soil surface to 0.15 meter along the northbound shoulder of Route 5, within the investigation area, is 81.94 mg/kg. The predicted soluble (WET-De-Ionized Water) lead concentration is 0.28 and the predicted soluble (WET-Citric Acid) lead concentration is 8.35.

  The calculated 95% UCL for the soil surface to 0.30 meter along the northbound shoulder of Route 5, within the investigation area, is 49.94 mg/kg. The predicted soluble (WET-De-Ionized Water) lead concentration is 0.18 and the predicted soluble (WET-Citric Acid) lead concentration is 5.09.

  The calculated 95% UCL for the soil surface to 0.60 meter along the northbound shoulder of Route 5, within the investigation area, is 43.55 mg/kg. The predicted soluble (WET-De-Ionized Water) lead concentration is 0.15 and the predicted soluble (WET-Citric Acid) lead concentration is 4.44.

  If the soil is excavated as one unit from the surface to 0.30 meter, it is considered hazardous but reusable under variance. The soil can be reused in accordance with the DTSC variance provided that the ADL impacted soil is placed a minimum of 1.5 meters (5 feet)

above the maximum water table elevation and covered with at least 0.3 meter (1 foot) of clean soil.

Southbound Shoulder

- The calculated 95% UCL for the soil surface to 0.15 meter along the southbound shoulder of Route 5, within the investigation area, is 46.20 mg/kg. The predicted soluble (WET-De-Ionized Water) lead concentration is 0.16 and the predicted soluble (WET-Citric Acid) lead concentration is 4.71.

  The calculated 95% UCL for the soil surface to 0.30 meter along the southbound shoulder of Route 5, within the investigation area, is 35.19 mg/kg. The predicted soluble (WET-De-Ionized Water) lead concentration is 0.12 and the predicted soluble (WET-Citric Acid) lead concentration is 3.58.

  The calculated 95% UCL for the soil surface to 0.60 meter along the southbound shoulder of Route 5, within the investigation area, is 32.49 mg/kg. The predicted soluble (WET-De-Ionized Water) lead concentration is 0.11 and the predicted soluble (WET-Citric Acid) lead concentration is 3.31.

  If the soil is excavated as one unit from the surface to 0.15, 0.3, or 0.6 meter, it is considered nonhazardous.

  If the soil is excavated as one unit from the surface to 0.15, 0.3 or 0.6 meter, the soil can be reused in accordance with the DTSC variance provided that the ADL impacted soil is placed a minimum of 1.5 meters (5 feet) above the maximum water table elevation and covered with at least 0.3 meter (1 foot) of clean soil.

Northbound Median

- The calculated 95% UCL for the soil surface to 0.15 meter along the northbound median of Route 5, within the investigation area, is 83.09 mg/kg. The predicted soluble (WET-De-Ionized Water) lead concentration is 0.29 and the predicted soluble (WET-Citric Acid) lead concentration is 8.47.

  The calculated 95% UCL for the soil surface to 0.30 meter along the northbound shoulder of Route 5, within the investigation area, is 66.48 mg/kg. The predicted soluble (WET-De-Ionized Water) lead concentration is 0.23 and the predicted soluble (WET-Citric Acid) lead concentration is 6.78.

The calculated 95% UCL for the soil surface to 0.60 meter along the northbound shoulder of Route 5, within the investigation area, is 47.13 mg/kg. The predicted soluble (WET-De-Ionized Water) lead concentration is 0.16 and the predicted soluble (WET-Citric Acid) lead concentration is 4.80.

If the soil is excavated as one unit from the surface to 0.15 or 0.30 meter it is considered hazardous but reusable under variance. The soil can be reused in accordance with the DTSC variance provided that the ADL impacted soil is placed a minimum of 1.5 meters (5 feet) above the maximum water table elevation and covered with at least 0.3 meter (1 foot) of clean soil.

If the soil is excavated as one unit from the surface to 0.6 meter, the soil can be reused in accordance with the DTSC variance provided that the ADL impacted soil is placed a minimum of 1.5 meters (5 feet) above the maximum water table elevation and covered with at least 0.3 meter (1 foot) of clean soil. If the soil is relinquished to a contractor, it can be reused or disposed of without restriction.

Southbound Median

- The calculated 95% UCL for the soil surface to 0.15 meter along the southbound median of Route 5, within the investigation area, is 47.37 mg/kg. The predicted soluble (WET-De-Ionized Water) lead concentration is 0.16 and the predicted soluble (WET-Citric Acid) lead concentration is 4.83.

  The calculated 95% UCL for the soil surface to 0.30 meter along the southbound median of Route 5, within the investigation area, is 37.71 mg/kg. The predicted soluble (WET-De-Ionized Water) lead concentration is 0.13 and the predicted soluble (WET-Citric Acid) lead concentration is 3.84.

  The calculated 95% UCL for the soil surface to 0.60 meter along the southbound median of Route 5, within the investigation area, is 41.84 mg/kg. The predicted soluble (WET-De-Ionized Water) lead concentration is 0.15 and the predicted soluble (WET-Citric Acid) lead concentration is 4.26.

  If the soil is excavated as one unit from the surface to 0.15, 0.3, or 0.6 meter, it is considered nonhazardous and reusable under variance.

If the soil is excavated as one unit from the surface to 0.15, 0.3 or 0.6 meter, the soil can be reused in accordance with the DTSC variance provided that the ADL impacted soil is placed a minimum of 1.5 meters (5 feet) above the maximum water table elevation and covered with at least 0.3 meter (1 foot) of clean soil.

7.0 REPORT LIMITATIONS

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

This report is not a comprehensive site characterization and should not be construed as such. The findings as presented in this report are predicated on the results of the limited sampling and laboratory testing 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 be deemed conclusive with respect to the content of this report or any subsequent reports, correspondence or consultation. PSI performed the services summarized herein in accordance with the local standard of care in the geographic region at the time the services are performed.

Table 1 – Summary of GPS Data

TABLE 1:
SUMMARY OF GPS DATA

FeatureName	Number	GPS_time	Y (m)	X (m)	Height (m)	Comment:
Generic Point	1	36991.46713	600162.8712	1902690.502	44.32	c-1
Generic Point	2	36991.47456	600677.7941	1902565.491	40.47	c-2
Generic Point	3	36991.47652	601149.2837	1902452.087	33.67	c-3
Generic Point	4	36991.47789	601502.1004	1902365.715	24.47	c-4
Generic Point	5	36991.47845	601579.4249	1902346.546	23.17	c-5
Generic Point	6	36991.47917	601707.035	1902316.274	20.403	c-6
Generic Point	7	36991.48188	602076.3866	1902227.396	11.834	c-8
Generic Point	8	36991.48397	601858.1159	1902279.912	17.534	c-7
Generic Point	9	36991.48749	602323.8951	1902141.563	7.645	c-9
Generic Point	10	36991.48855	602501.8867	1902055.245	5.17	c-10
Generic Point	11	36991.49007	602774.1731	1901900.058	6.806	c-11
Generic Point	12	36991.49157	603100.2933	1901725.143	13.39	c-12
Generic Point	13	36991.49248	603263.1172	1901637.588	17.613	c-13
Generic Point	14	36991.49332	603433.9165	1901546.088	21.28	c-14
Generic Point	15	36991.49434	603621.4707	1901445.449	26.787	c-15
Generic Point	16	36991.4964	603974.1092	1901261.059	32.427	c-17
Generic Point	17	36991.50024	604267.9042	1901099.717	28.07	c-18
Generic Point	18	36991.50152	604480.4902	1900989.232	25.813	c-18
Generic Point	19	36991.5041	604955.9312	1900734.689	21.456	c-19
Generic Point	20	36991.50501	605051.1348	1900686.178	21.626	c-20
Generic Point	21	36991.50615	605297.9998	1900564.354	19.63	c-21
Generic Point	22	36991.50728	605539.0843	1900446.653	14.47	c-22
Generic Point	23	36991.50826	605781.9272	1900326.969	18.97	c-23
Generic Point	24	36991.50956	605981.1279	1900228.613	20.013	c-24
Generic Point	25	36991.51185	606271.9229	1900085.063	20.82	c-25
Generic Point	26	36991.51278	606541.4107	1899953.125	24.67	c-26
Generic Point	27	36991.5138	606793.7205	1899836.686	21.17	c-27
Generic Point	28	36991.51483	607088.3351	1899686.947	19.87	c-28
Generic Point	29	36991.51561	607293.2973	1899586.471	23.359	c-29
Generic Point	30	36991.51647	607491.6912	1899488.613	23.508	c-30
Generic Point	31	36991.51753	607796.8075	1899340.849	21.503	c-31
Generic Point	32	36991.51853	608014.093	1899250.616	19.503	c-32
Generic Point	33	36991.52042	608305.9108	1899134.023	19.584	c-33
Generic Point	34	36991.5217	608557.2765	1899030.715	20.87	c-34
Generic Point	35	36991.52258	608754.7581	1898953.804	10.084	c-35
Generic Point	36	36991.52346	609077.5685	1898928.212	3.203	c-36
Generic Point	37	36991.52468	609423.5595	1898862.929	4.256	c-37
Generic Point	38	36991.52588	609663.032	1898750.315	4.487	c-38
Generic Point	39	36991.52688	609899.2438	1898638.701	8.227	c-39
Generic Point	40	36991.53204	610136.1567	1898533.754	20.448	c-40
Generic Point	41	36991.53388	610326.0862	1898449.882	25.313	c-41
Generic Point	42	36991.53589	610628.7858	1898323.959	26.77	c-42
Generic Point	43	36991.53787	611014.7869	1898162.043	26.341	c-43
Generic Point	44	36991.53847	611160.0242	1898102.094	25.37	c-44
Generic Point	45	36991.5399	611500.2836	1897965.451	22.087	c-45
Generic Point	46	36991.5409	611756.0162	1897837.793	20.992	c-46
Generic Point	47	36991.54164	611915.3356	1897738.824	24.345	c-47
Generic Point	48	36991.54287	612184.5246	1897578.249	3.313	c-48
Generic Point	49	36991.5462	612500.0854	1897383.322	8.156	c-49
Generic Point	50	36991.54719	612681.0593	1897267.258	14.57	d-1
Generic Point	51	36991.54767	612759.1698	1897209.997	14.727	d-2

Generic Point	52	36991.54887	612884.1951	1897132.026	19.47	d-3
Generic Point	53	36991.54955	613039.0885	1897027.938	19.63	d-4
Generic Point	54	36991.55016	613135.8577	1896957.422	24.387	d-5
Generic Point	55	36991.55057	613197.3635	1896915.228	27.97	d-6
Generic Point	56	36991.55106	613263.6914	1896869.519	35.57	d-7
Generic Point	57	36991.5517	613380.4491	1896788.704	44.57	d-8
Generic Point	58	36991.55233	613492.7815	1896709.527	21.995	d-9
Generic Point	59	36991.55296	613601.4085	1896635.55	20.283	d-10
Generic Point	60	36991.5536	613701.9092	1896572.263	25.77	d-11
Generic Point	61	36991.5561	613955.8745	1896397.657	17.953	d-12
Generic Point	62	36991.55729	614161.7877	1896253.152	20.153	d-13
Generic Point	63	36991.55785	614261.2192	1896184.349	27.07	d-14
Generic Point	64	36991.55869	614422.3525	1896080.728	27.258	d-15
Generic Point	65	36991.55931	614496.3677	1896028.388	30.02	d-16
Generic Point	66	36991.55992	614594.5372	1895958.02	32.97	d-1
Generic Point	67	36991.56647	614637.9573	1895871.868	32.014	d-18
Generic Point	68	36991.56713	614602.1377	1895896.425	30.77	d-19
Generic Point	69	36991.56792	614479.5947	1895980.064	28.095	d-20
Generic Point	70	36991.56916	614339.3058	1896074.901	25.503	d-21
Generic Point	71	36991.57081	614118.2894	1896211.39	17.095	d-22
Generic Point	72	36991.57196	613992.4855	1896307.777	13.57	d-23
Generic Point	73	36991.57265	613865.8806	1896399.409	15.541	d-24
Generic Point	74	36991.57343	613720.0745	1896498.947	18.853	d-25
Generic Point	75	36991.57448	613472.8137	1896666.256	23.39	d-26
Generic Point	76	36991.57491	613409.6003	1896710.616	19.87	d-27
Generic Point	77	36991.57539	613313.1848	1896776.019	27.07	d-28
Generic Point	78	36991.57573	613273.0577	1896802.1	27.67	d-29
Generic Point	79	36991.57627	613171.9511	1896870.593	27.47	d-30
Generic Point	80	36991.57719	612984.9421	1896999.478	23.703	d-31
Generic Point	81	36991.57807	612826.4453	1897104.485	20.47	d-32
Generic Point	82	36991.57855	612746.9703	1897157.014	20.27	d-33
Generic Point	83	36991.57976	612642.317	1897224.223	17.595	d-34
Generic Point	84	36991.58405	612407.4296	1897377.178	8.203	c-50
Generic Point	85	36991.58659	612045.893	1897603.883	11.35	c-51
Generic Point	86	36991.58769	611823.0325	1897745.994	22.07	c-52
Generic Point	87	36991.59003	611582.5469	1897870.684	26.27	c-53
Generic Point	88	36991.59068	611387.2486	1897953.148	25.92	c-54
Generic Point	89	36991.59297	611118.916	1898068.972	29.07	c-55
Generic Point	90	36991.59396	610808.9146	1898191.659	28.97	c-56
Generic Point	91	36991.59476	610605.0268	1898281.36	28.97	c-57
Generic Point	92	36991.59545	610390.7388	1898372.998	29.17	c-58
Generic Point	93	36991.59708	609983.6518	1898548.99	19.358	c-59
Generic Point	94	36991.59786	609844.7809	1898614.74	16.283	c-60
Generic Point	95	36991.59847	609717.5135	1898677.469	16.37	c-61
Generic Point	96	36991.5999	609438.556	1898806.561	15.15	c-62
Generic Point	97	36991.60116	609164.3987	1898878.757	6.47	c-63
Generic Point	98	36991.60689	608850.4509	1898891.207	14.081	c-64
Generic Point	99	36991.60769	608624.2008	1898947.471	20.045	c-65
Generic Point	100	36991.60855	608368.5173	1899054.525	21.67	c-66
Generic Point	101	36991.60977	607975.9828	1899216.489	23.27	c-67
Generic Point	102	36991.61029	607788.0527	1899294.634	23.51	c-68
Generic Point	103	36991.61097	607535.3506	1899406.046	20.17	c-69

Generic Point	104	36991.61597	607306.5425	1899518.767	19.127	c-70
Generic Point	105	36991.61916	607010.4557	1899669.917	21.283	c-71
Generic Point	106	36991.6208	606724.85	1899811.033	19.587	c-72
Generic Point	107	36991.62222	606426.0598	1899953.895	14.67	c-73
Generic Point	108	36991.62311	606137.5089	1900095.287	16.853	c-74
Generic Point	109	36991.6237	605994.0653	1900170.35	17.47	c-75
Generic Point	110	36991.62478	605730.7307	1900299.823	17.856	c-76
Generic Point	111	36991.62561	605562.6799	1900382.724	19.037	c-77
Generic Point	112	36991.62685	605279.6716	1900521.603	20.899	c-78
Generic Point	113	36991.62955	605033.0665	1900643.98	23.57	c-79
Generic Point	114	36991.63067	604804.6018	1900762.188	24.603	c-80
Generic Point	115	36991.63186	604537.0215	1900905.047	24.37	c-81
Generic Point	116	36991.63294	604317.6538	1901022.137	22.67	c-82
Generic Point	117	36991.63458	603876.5936	1901253.668	27.67	c-83
Generic Point	118	36991.63522	603710.1552	1901344.293	27.69	c-84
Generic Point	119	36991.6372	603264.2027	1901585.205	16.629	c-86
Generic Point	120	36991.6402	603505.9217	1901453.531	20.57	c-85
Generic Point	121	36991.64288	603033.2784	1901710.074	10.282	c-87
Generic Point	122	36991.64426	602762.0776	1901854.648	5.77	c-88
Generic Point	123	36991.64537	602505.1261	1901991.145	3.86	c-89
Generic Point	124	36991.64618	602297.0383	1902100.602	6.37	c-90
Generic Point	125	36991.64706	602065.9401	1902181.143	10.97	c-91
Generic Point	126	36991.64856	601698.866	1902270.114	19.77	c-92
Generic Point	127	36991.64943	601495.1144	1902320.59	25.213	c-93
Generic Point	128	36991.65019	601285.6536	1902371.03	29.57	c-94
Generic Point	129	36991.65185	600941.2914	1902455.318	36.699	c-95
Generic Point	130	36991.65273	600685.0813	1902517.624	38.87	c-96
Generic Point	131	36991.65374	600320.8321	1902605.533	44.17	c-97
Generic Point	132	36991.65446	600157.7376	1902645.429	45.77	c-98
Generic Point	133	36992.31084	600957.537	1902475.763	32.656	c-99
Generic Point	134	36992.31407	601541.226	1902334.72	25.426	c-100
Generic Point	135	36992.32226	602200.7051	1902166.889	9.434	c-102
Generic Point	136	36992.32891	602757.8819	1901883.451	8.37	c-103
Generic Point	137	36992.33134	603180.797	1901657.481	17.595	c-104
Generic Point	138	36992.33332	603503.1173	1901485.262	25.353	c-105
Generic Point	139	36992.33536	604095.8572	1901168.985	29.337	c-106
Generic Point	140	36992.33736	604709.545	1900840.917	23.62	c-107
Generic Point	141	36992.33889	605164.4199	1900605.834	21.837	c-108
Generic Point	142	36992.34052	605651.4447	1900366.337	18.753	c-109
Generic Point	143	36992.34212	606093.4863	1900148.242	19.957	c-110
Generic Point	144	36992.34392	606640.8314	1899881.014	19.62	c-111
Generic Point	145	36992.34579	607183.0741	1899615.049	17.956	c-112
Generic Point	146	36992.34742	607620.9083	1899399.555	18.741	c-113
Generic Point	147	36992.34927	608164.0267	1899167.343	17.545	c-114
Generic Point	148	36992.35094	608663.2267	1898961.705	14.687	c-115
Generic Point	149	36992.35264	609291.8215	1898890.085	7.127	c-116
Generic Point	150	36992.35413	609774.6141	1898676.824	17.29	c-117
Generic Point	151	36992.35578	610230.4607	1898466.93	25.813	c-118
Generic Point	152	36992.35785	610823.9673	1898220.157	32.87	c-119
Generic Point	153	36992.35955	611356.7476	1897999.279	28.908	c-120
Generic Point	154	36992.36125	611833.7064	1897768.443	20.327	c-121
Generic Point	155	36992.36301	612331.6932	1897459.965	7.013	c-122

Generic Point	156	36992.40105	611925.6869	1897703.913	16.87	c-123
Generic Point	157	36992.4033	611405.8894	1897971.462	26.003	c-124
Generic Point	158	36992.40464	610998.4156	1898140.521	27.884	c-125
Generic Point	159	36992.40693	610468.9054	1898361.215	28.37	c-126
Generic Point	160	36992.40898	609904.4965	1898607.374	16.43	c-127
Generic Point	161	36992.4102	609571.0394	1898765.413	14.056	c-128
Generic Point	162	36992.41331	608991.3354	1898905.025	9.245	c-129
Generic Point	163	36992.41513	608476.77	1899029.462	21.897	c-130
Generic Point	164	36992.41715	607900.9381	1899268.521	23.053	c-131
Generic Point	165	36992.41903	607426.2505	1899487.737	19.003	c-132
Generic Point	166	36992.42135	606838.5821	1899776.454	19.27	c-133
Generic Point	167	36992.42324	606277.7007	1900051.406	20.47	c-134
Generic Point	168	36992.42477	605860.4943	1900256.556	18.17	c-135
Generic Point	169	36992.43058	604858.9732	1900754.274	22.47	c-137
Generic Point	170	36992.43178	604543.9296	1900922.462	24.925	c-136
Generic Point	171	36992.43337	604342.3991	1901030.275	25.856	c-138
Generic Point	172	36992.43532	603809.0949	1901315.778	26.65	c-139
Generic Point	173	36992.4369	603393.1733	1901538.248	17.57	c-140
Generic Point	174	36992.43859	602891.5124	1901806.616	8.341	c-141
Generic Point	175	36992.44125	602434.8637	1902050.343	5.607	c-142
Generic Point	176	36992.44346	601927.3183	1902234.695	17.82	c-101
Generic Point	177	36992.44387	601885.9491	1902245.086	18.092	c-143
Generic Point	178	36992.44649	601323.5034	1902381.365	29.57	c-144
Generic Point	179	36992.44818	600814.244	1902505.139	38.887	c-145
Generic Point	180	36992.44997	600243.6662	1902643.903	45.47	c-146

Table 2 – Summary of Analytical Results – Total Lead and Soluble Lead

Table 2: Summary of Analytical Results - Total Lead and Soluble Lead

Sample ID	Depth (m)	Lead Concentration (mg/kg)	Citric Acid Lead Concentration (mg/L)	De-Ionized Water Lead Concentration (mg/L)
C-1	0.15	64	4.3	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-2	0.15	360	27	NA
	0.3	77	1.8	NA
	0.6	94	5.5	NA
C-3	0.15	11	NA	NA
	0.3	18	NA	NA
	0.6	ND	NA	NA
C-4	0.15	ND	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-5	0.15	81	4.1	NA
	0.3	9.8	NA	NA
	0.6	7.4	NA	NA
C-6	0.15	9.6	NA	NA
	0.3	12	NA	NA
	0.6	ND	NA	NA
C-7	0.15	ND	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-8	0.15	95	4.1	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-9	0.15	5.4	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-10	0.15	ND	NA	NA
	0.3	ND	NA	NA
C-11	0.15	9.2	NA	NA
	0.3	19	NA	NA
C-12	0.15	ND	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-13	0.15	180	5.5	ND
	0.3	91	5.9	0.24
	0.6	38	NA	NA
C-14	0.15	ND	NA	NA
	0.3	ND	NA	NA
	0.6	12	NA	NA

Sample ID	Depth (m)	Lead Concentration (mg/kg)	Citric Acid Lead Concentration (mg/L)	De-Ionized Water Lead Concentration (mg/L)
B-30	0.15	19	NA	NA
	0.3	8.8	NA	NA
	0.6	ND	NA	NA
C-31	0.15	ND	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-32	0.15	49	NA	NA
	0.3	35	NA	NA
	0.6	44	NA	NA
C-33	0.15	17	NA	NA
	0.3	12	NA	NA
	0.6	25	NA	NA
C-34	0.15	55	1	NA
	0.3	73	0.92	NA
	0.6	ND	NA	NA
C-35	0.15	ND	NA	NA
	0.3	ND	NA	NA
	0.6	11	NA	NA
C-36	0.15	40	NA	NA
	0.3	51	8.9	ND
C-37	0.15	360	13	ND
	0.3	36	NA	NA
	0.6	61	12	ND
C-38	0.15	9.8	NA	NA
	0.3	ND	NA	NA
	0.6	14	NA	NA
C-39	0.15	9.8	NA	NA
	0.3	25	NA	NA
	0.6	76	2.2	NA
C-40	0.15	130	18	ND
	0.3	55	2.9	NA
	0.6	24	NA	NA
C-41	0.15	ND	NA	NA
	0.3	5	NA	NA
	0.6	ND	NA	NA
C-42	0.15	31	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-43	0.15	570	14	0.2
	0.3	26	NA	NA
C-44	0.15	110	18	ND
	0.3	8.2	NA	NA
	0.6	21	NA	NA

Sample ID	Depth (m)	Lead Concentration (mg/kg)	Citric Acid Lead Concentration (mg/L)	De-Ionized Water Lead Concentration (mg/L)
C-60	0.15	12	NA	NA
	0.3	ND	NA	NA
	0.6	8.1	NA	NA
C-61	0.15	130	9.5	ND
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-62	0.15	120	9	ND
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-63	0.15	280	31	ND
	0.3	190	13	ND
	0.6	ND	NA	NA
C-64	0.15	ND	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-65	0.15	15	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-66	0.15	ND	NA	NA
	0.3	ND	NA	NA
	0.6	81	5.2	1.2
C-67	0.15	14	NA	NA
	0.3	14	NA	NA
	0.6	9.3	NA	NA
C-68	0.15	7.5	NA	NA
	0.3	ND	NA	NA
	0.6	6	NA	NA
C-69	0.15	7.8	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-70	0.15	190	12	1
	0.3	5	NA	NA
	0.6	ND	NA	NA
C-71	0.15	6.5	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-72	0.15	24	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-73	0.15	260	30	ND
	0.3	ND	NA	NA
	0.6	ND	NA	NA

Sample ID	Depth (m)	Lead Concentration (mg/kg)	Citric Acid Lead Concentration (mg/L)	De-Ionized Water Lead Concentration (mg/L)
C-89	0.15	ND	NA	NA
	0.3	5.7	NA	NA
C-90	0.15	200	14	ND
	0.3	8.6	NA	NA
	0.6	ND	NA	NA
C-91	0.15	ND	NA	NA
	0.3	6.9	NA	NA
	0.6	ND	NA	NA
C-92	0.15	130	14	ND
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-93	0.15	ND	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-94	0.15	9.5	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-95	0.15	250	28	ND
	0.3	620	74	0.27
	0.6	560	56	0.41
C-96	0.15	ND	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-97	0.15	7.5	NA	NA
	0.3	44	NA	NA
	0.6	12	NA	NA
C-98	0.15	68	5.4	2.6
	0.3	61	4.4	NA
C-99	0.15	49	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-100	0.15	ND	NA	NA
	0.3	ND	NA	NA
	0.6	9.9	NA	NA
C-101	0.15	64	5.2	ND
	0.3	35	NA	NA
	0.6	31	NA	NA
C-102	0.15	ND	NA	NA
	0.3	ND	NA	NA
	0.6	5.2	NA	NA
C-103	0.15	ND	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA

Sample ID	Depth (m)	Lead Concentration (mg/kg)	Citric Acid Lead Concentration (mg/L)	De-Ionized Water Lead Concentration (mg/L)
C-119	0.15	5	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-120	0.15	ND	NA	NA
	0.3	55	3.5	NA
	0.6	ND	NA	NA
C-121	0.15	51	3.4	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-122	0.15	120	7.2	ND
	0.3	5.2	NA	NA
	0.6	12	NA	NA
C-123	0.15	6.5	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-124	0.15	43	NA	NA
	0.3	7.9	NA	NA
	0.6	ND	NA	NA
C-125	0.15	13	NA	NA
	0.3	ND	NA	NA
	0.6	71	5.9	ND
C-126	0.15	33	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-127	0.15	7.5	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
C-128	0.15	ND	NA	NA
	0.3	55	8.2	ND
	0.6	ND	NA	NA
C-129	0.15	6.1	NA	NA
	0.3	40	NA	NA
	0.6	ND	NA	NA
C-130	0.15	ND	NA	NA
	0.3	16	NA	NA
	0.6	13	NA	NA
C-131	0.15	19	NA	NA
	0.3	ND	NA	NA
	0.6	110	6.2	0.44
C-132	0.15	7.1	NA	NA
	0.3	ND	NA	NA
	0.6	95	10	ND

Sample ID	Depth (m)	Lead Concentration (mg/kg)	Citric Acid Lead Concentration (mg/L)	De-Ionized Water Lead Concentration (mg/L)
D-1	0.15	170	24	ND
	0.3	ND	NA	NA
	0.6	300	25	ND
D-2	0.15	1000	130	ND
	0.3	ND	NA	NA
	0.6	ND	NA	NA
D-3	0.15	41	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
D-4	0.15	36	NA	NA
	0.3	16	NA	NA
	0.6	31	NA	NA
D-5	0.15	ND	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
D-6	0.15	5.6	NA	NA
	0.3	7.2	NA	NA
	0.6	ND	NA	NA
D-7	0.15	ND	NA	NA
	0.3	11	NA	NA
	0.6	11	NA	NA
D-8	0.15	6.7	NA	NA
	0.3	5	NA	NA
	0.6	ND	NA	NA
D-9	0.15	12	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
D-10	0.15	ND	NA	NA
	0.3	ND	NA	NA
	0.6	ND	NA	NA
D-11	0.15	280	15	ND
	0.3	ND	NA	NA
	0.6	ND	NA	NA
D-12	0.15	41	NA	NA
	0.3	57	5.6	ND
	0.6	120	9.4	ND
D-13	0.15	350	24	ND
	0.3	ND	NA	NA
	0.6	22	NA	NA
D-14	0.15	ND	NA	NA
	0.3	ND	NA	NA
	0.6	16	NA	NA

Sample ID	Depth (m)	Lead Concentration (mg/kg)	Citric Acid Lead Concentration (mg/L)	De-Ionized Water Lead Concentration (mg/L)
D-30	0.15	7.2	NA	NA
	0.3	27	NA	NA
	0.6	ND	NA	NA
D-31	0.15	11	NA	NA
	0.3	ND	NA	NA
	0.6	42	NA	NA
D-32	0.15	17	NA	NA
	0.3	13	NA	NA
	0.6	14	NA	NA
D-33	0.15	24	NA	NA
	0.3	37	NA	NA
	0.6	ND	NA	NA
D-34	0.15	ND	NA	NA
	0.3	11	NA	NA
	0.6	ND	NA	NA

ND = Non-Detect
NA = Not Analyzed

Table 3 - Summary of Analytical Results - pH

Table 3 - Summary of Analytical Results - pH

Sample ID	Depth (m)	pH
C-24	0.15	8.44
C-27	0.3	8.2
C-30	0.6	9.55
C-34	0.15	8.76
C-37	0.6	7.97
C-41	0.15	7.74
C-44	0.6	7.29
C-48	0.15	7.23
C-51	0.6	6.95
C-55	0.3	4.9
C-58	0.6	7.62
C-62	0.15	7.47
C-65	0.3	6.84
C-68	0.6	7.35
C-72	0.15	6.98
C-75	0.3	5.7
C-79	0.3	7.9
C-84	0.3	8.04
C-87	0.15	9.14
C-91	0.3	8.25
C-93	0.6	8.74
C-97	0.6	6.86
C-101	0.15	7.93
C-103	0.6	7.49
C-107	0.3	6.48
C-108	0.3	7.13
C-109	0.3	7.03
C-113	0.3	8.19
C-118	0.6	8.7
C-120	0.3	8.13
C-123	0.3	7.95
C-128	0.15	7.87
C-130	0.6	7.59
C-138	0.15	9.37
C-139	0.6	7.37
C-143	0.6	7.19
D-2	0.3	7.34
D-4	0.3	9.36
D-7	0.6	9.28
D-11	0.15	9.03
D-13	0.6	8.31

Table 4 – Lead Statistics

Table 4

Lead Statistics

UCLs for the Total Lead Mean and Their Predicated Soluble (WET) Lead Concentrations

Northbound Shoulder

Excavation Scenario	95% UCL (mg/kg)	Predicted Soluble Lead-De-Ionized Water (mg/L)	Predicted Soluble Lead-Citric Acid (mg/L)
Surface to 0.15 meters	81.9	0.288	8.358
Surface to 0.3 meters	49.9	0.176	5.094
Surface to 0.6 meters	43.6	0.153	4.442

Southbound Shoulder

Excavation Scenario	95% UCL (mg/kg)	Predicted Soluble Lead (mg/L)	Predicted Soluble Lead-Citric Acid (mg/L)
Surface to 0.15 meters	46.2	0.163	4.712
Surface to 0.3 meters	35.2	0.124	3.589
Surface to 0.6 meters	32.5	0.114	3.314

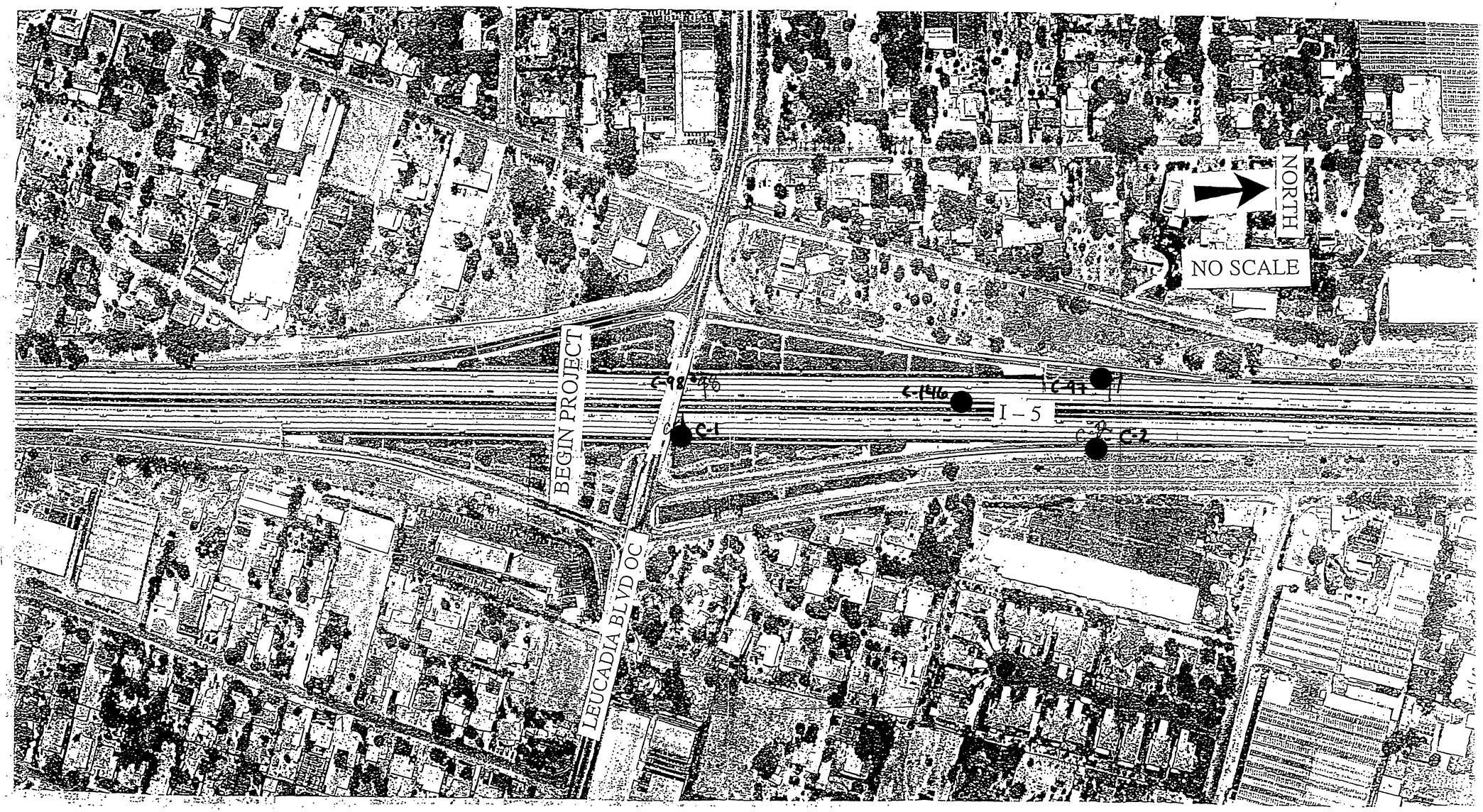
Northbound Median

Excavation Scenario	95% UCL (mg/kg)	Predicted Soluble Lead (mg/L)	Predicted Soluble Lead-Citric Acid (mg/L)
Surface to 0.15 meters	83.1	0.292	8.475
Surface to 0.3 meters	66.5	0.234	6.781
Surface to 0.6 meters	47.1	0.166	4.807

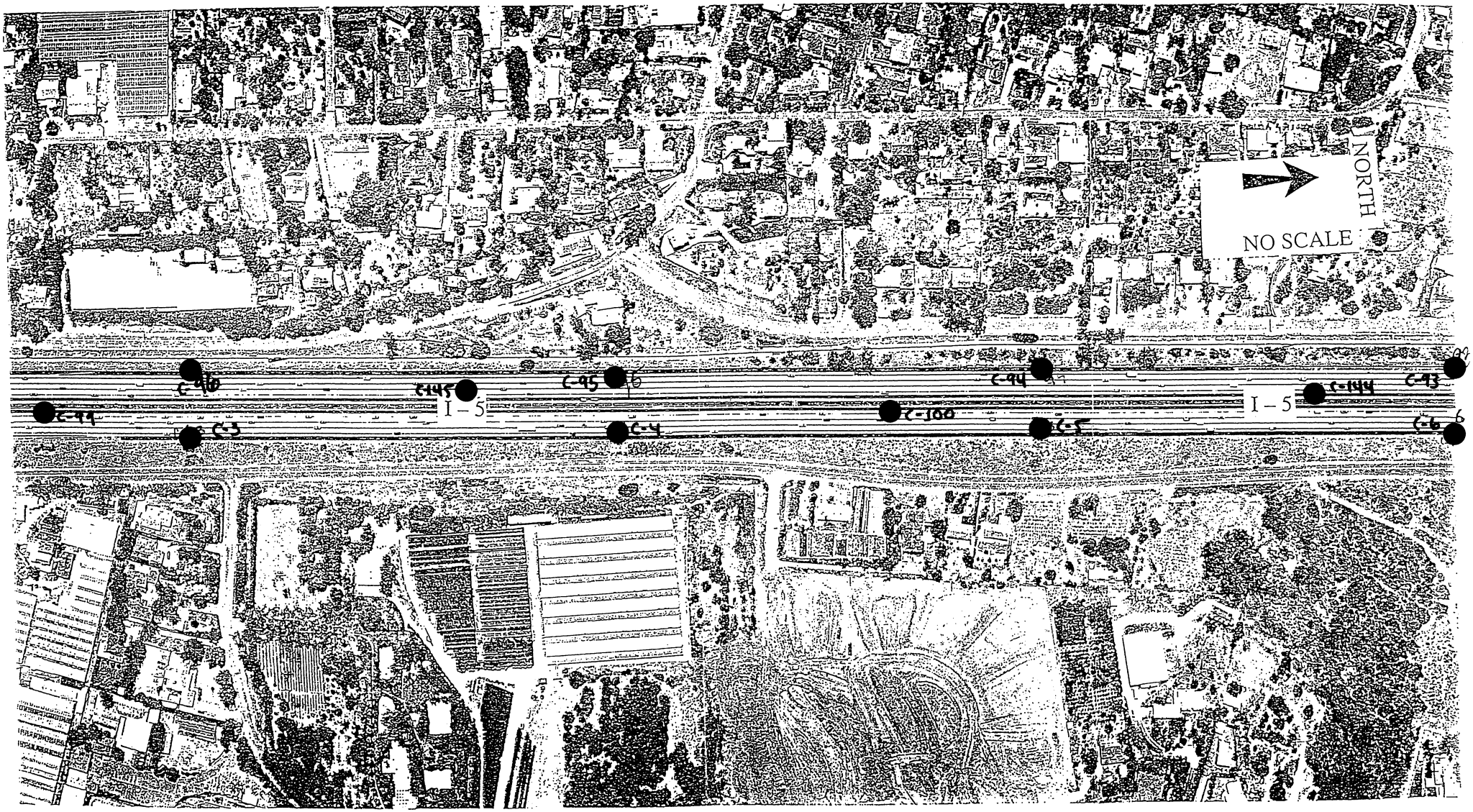
Southbound Median

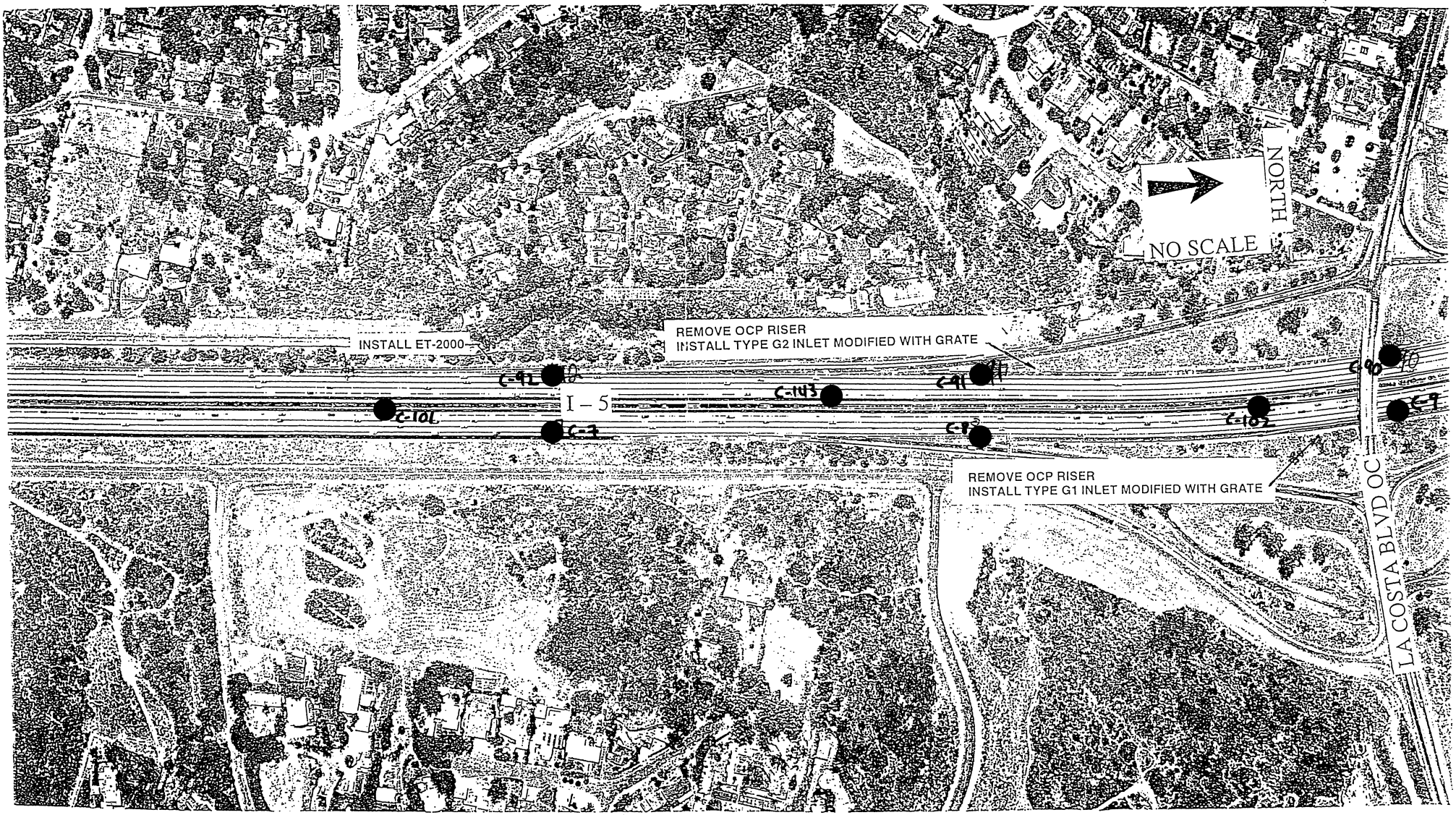
Excavation Scenario	95% UCL (mg/kg)	Predicted Soluble Lead (mg/L)	Predicted Soluble Lead-Citric Acid (mg/L)
Surface to 0.15 meters	47.4	0.167	4.832
Surface to 0.3 meters	37.7	0.133	3.846
Surface to 0.6 meters	41.8	0.147	4.268

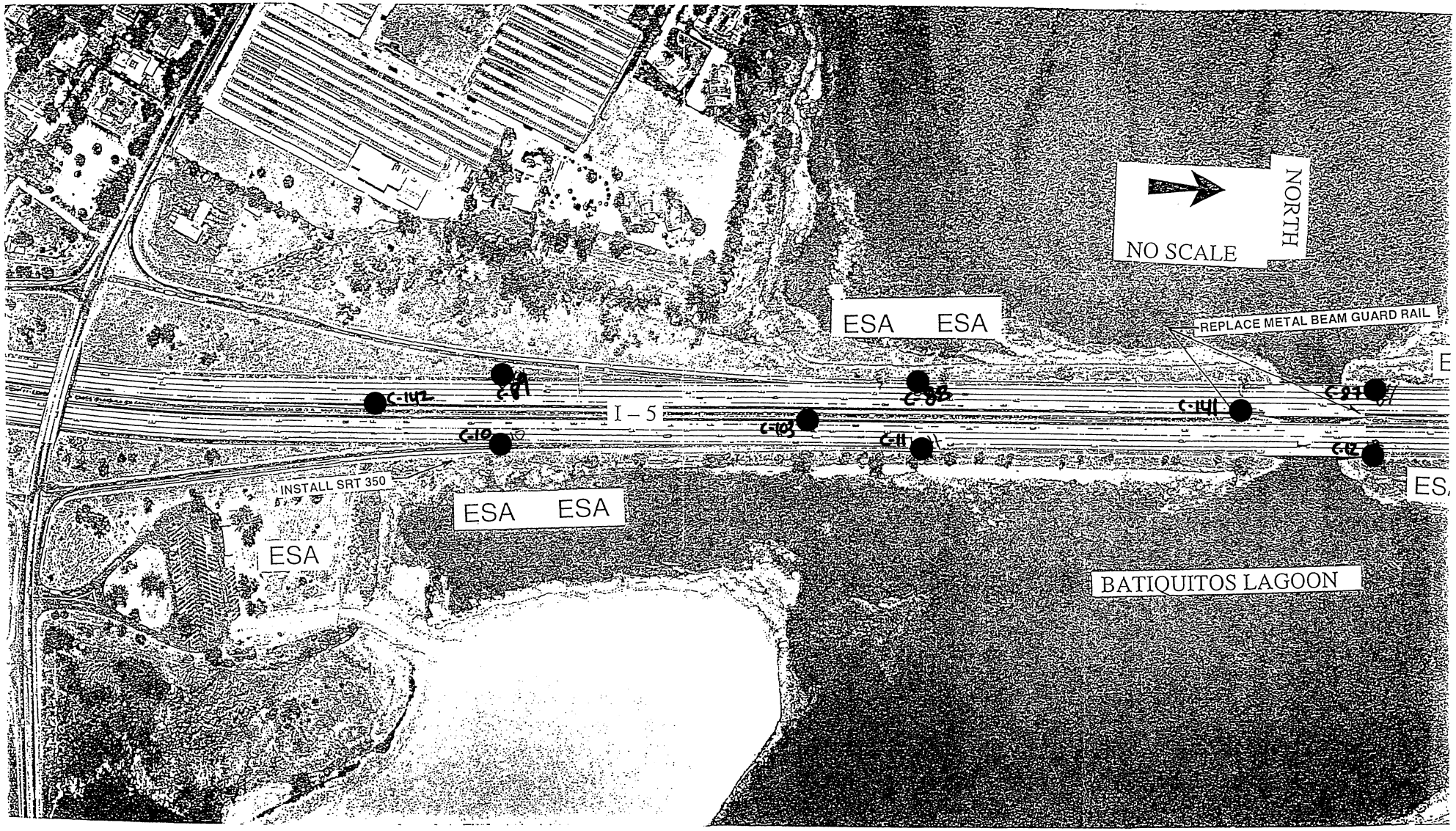
APPENDIX A
SITE PLANS

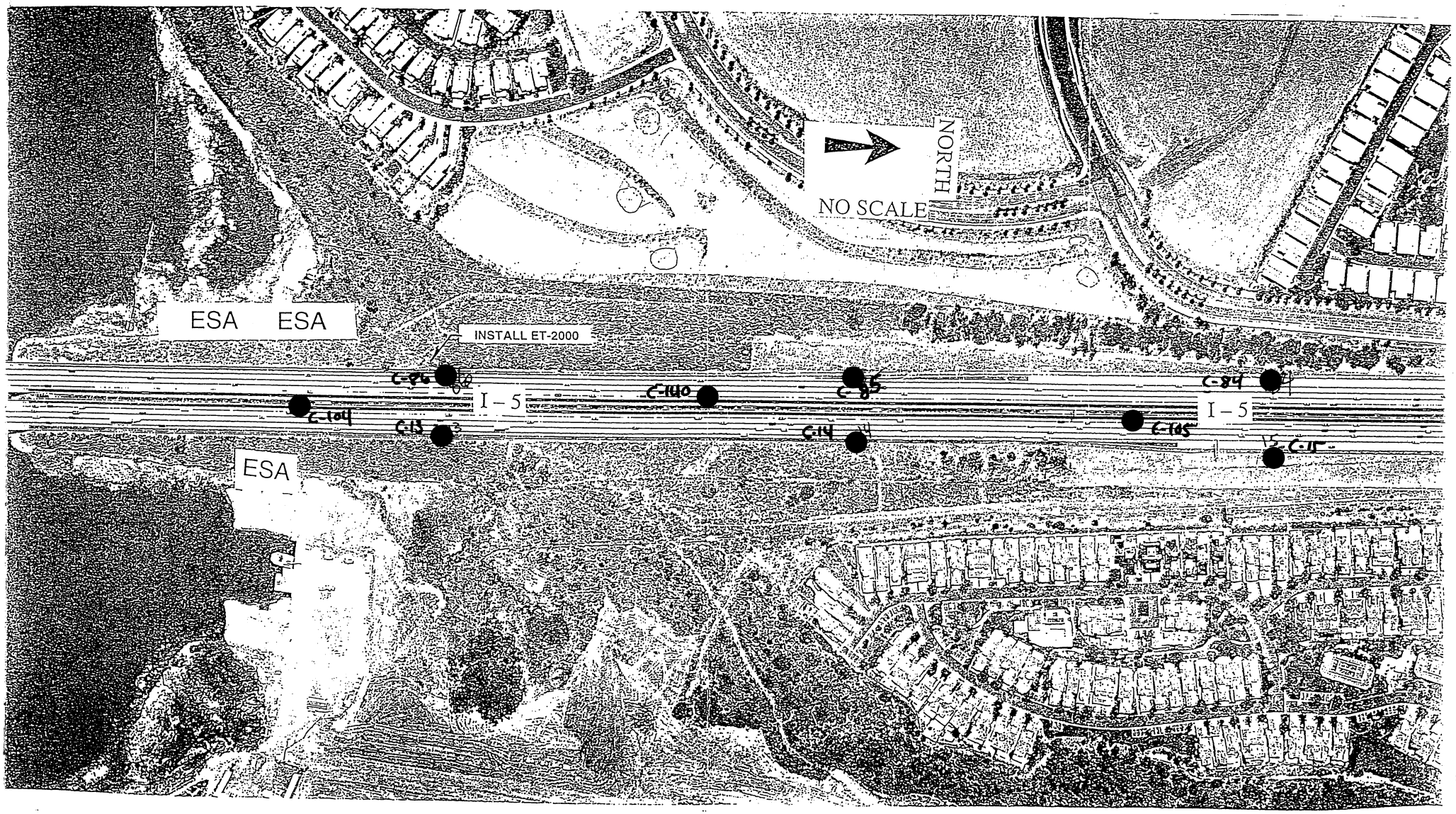


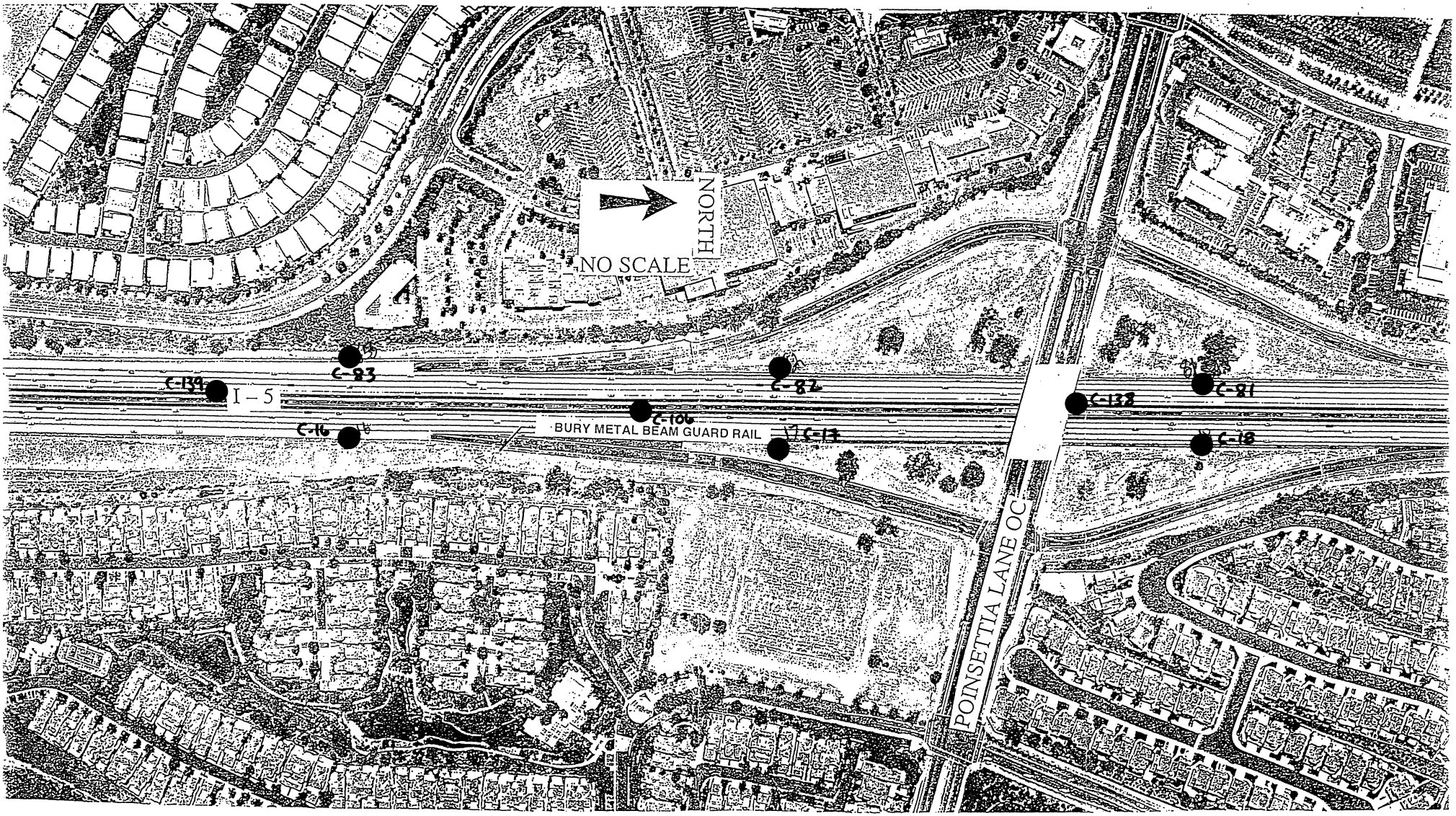
ATTACHMENT D

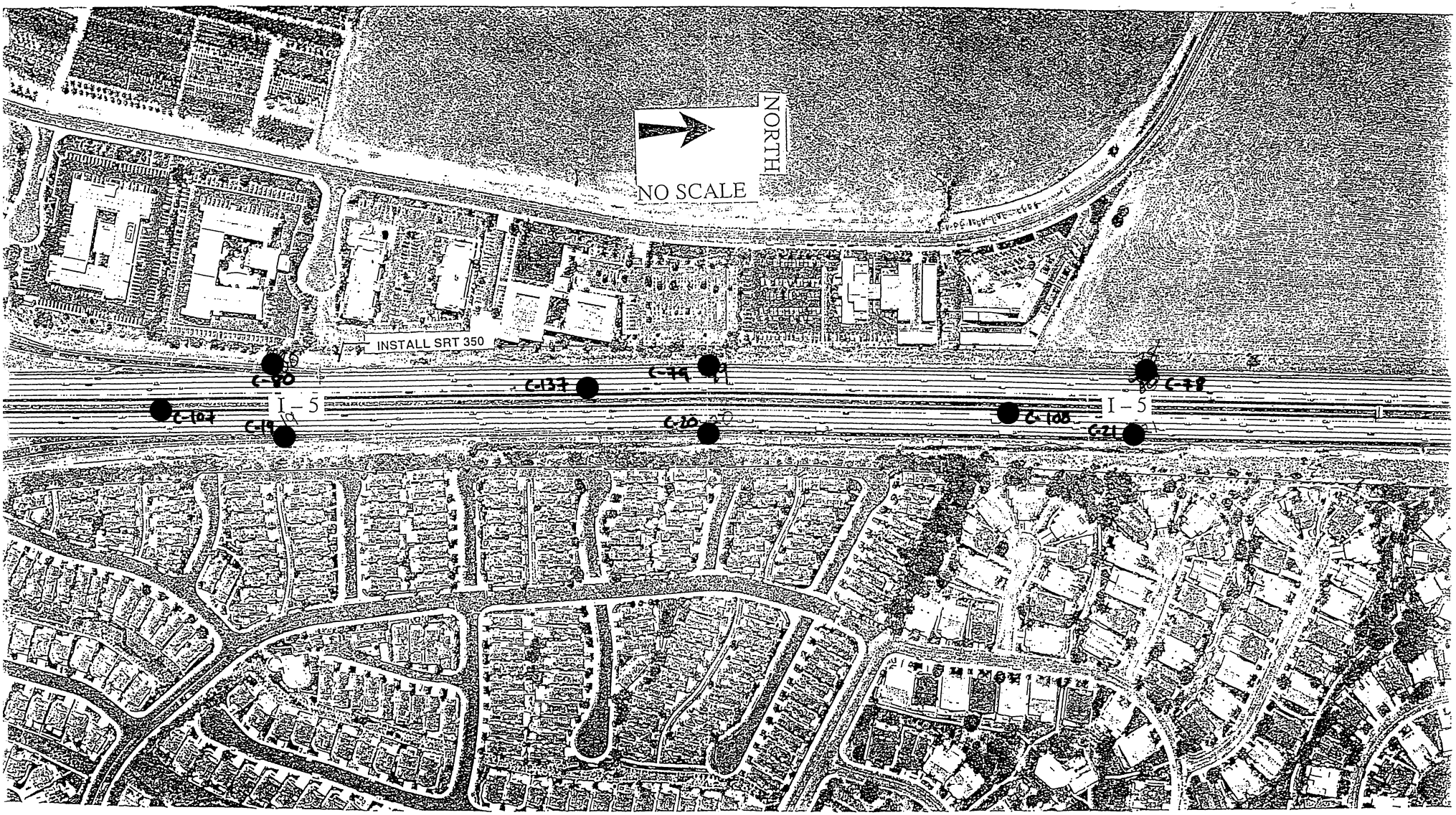

NORTH
NO SCALE
I – 5
I – 5
C-99
C-3
C-4
C-100
C-5
C-6
C-94
C-95
C-144
C-93

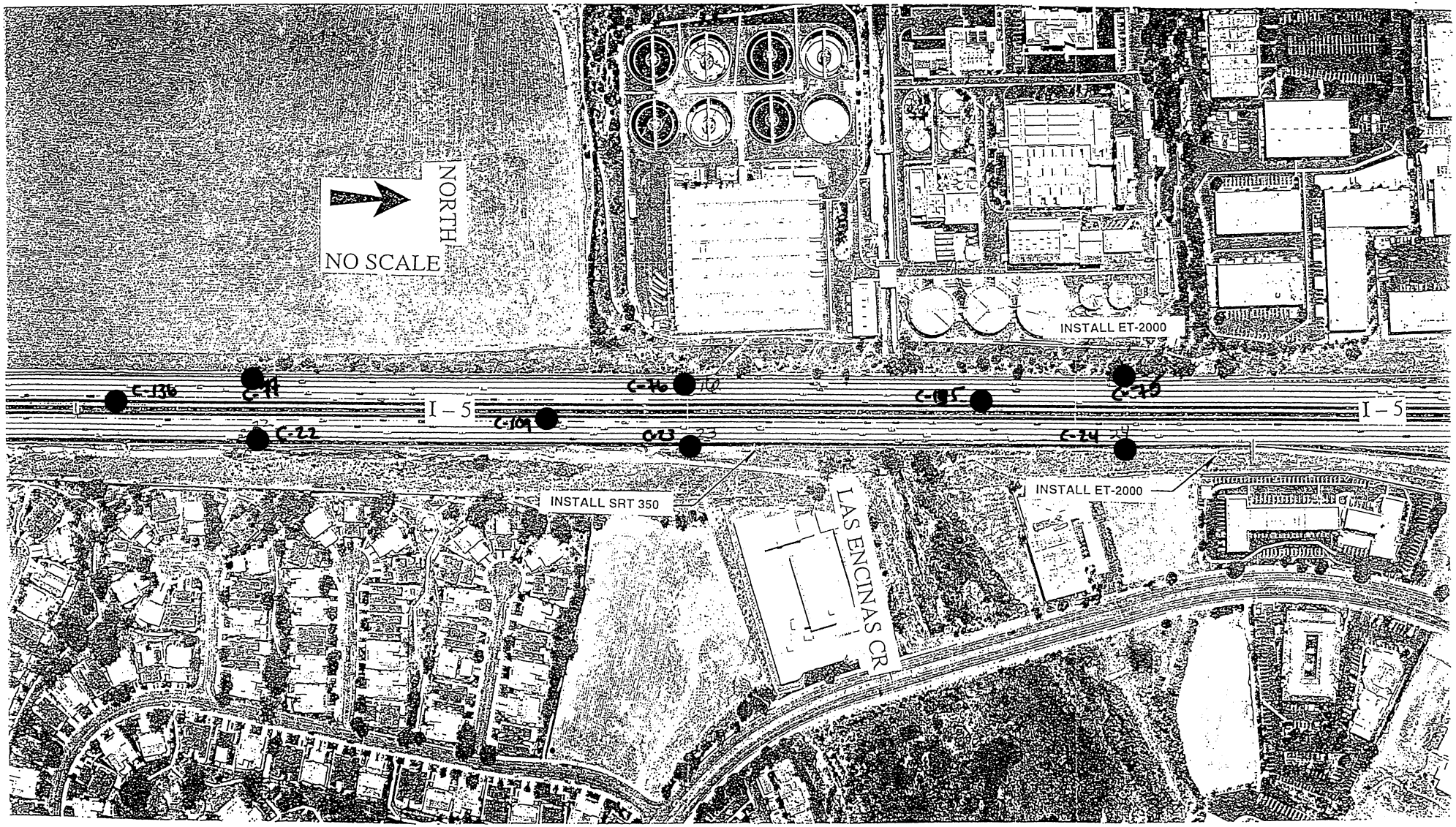

NORTH
NO SCALE
REMOVE OCP RISER
INSTALL TYPE G2 INLET MODIFIED WITH GRATE
INSTALL ET-2000
C-92
C-101
C-7
C-143
C-91
C-8
C-102
C-90
C-9
I – 5
REMOVE OCP RISER
INSTALL TYPE G1 INLET MODIFIED WITH GRATE
LA COSTA BLVD OC

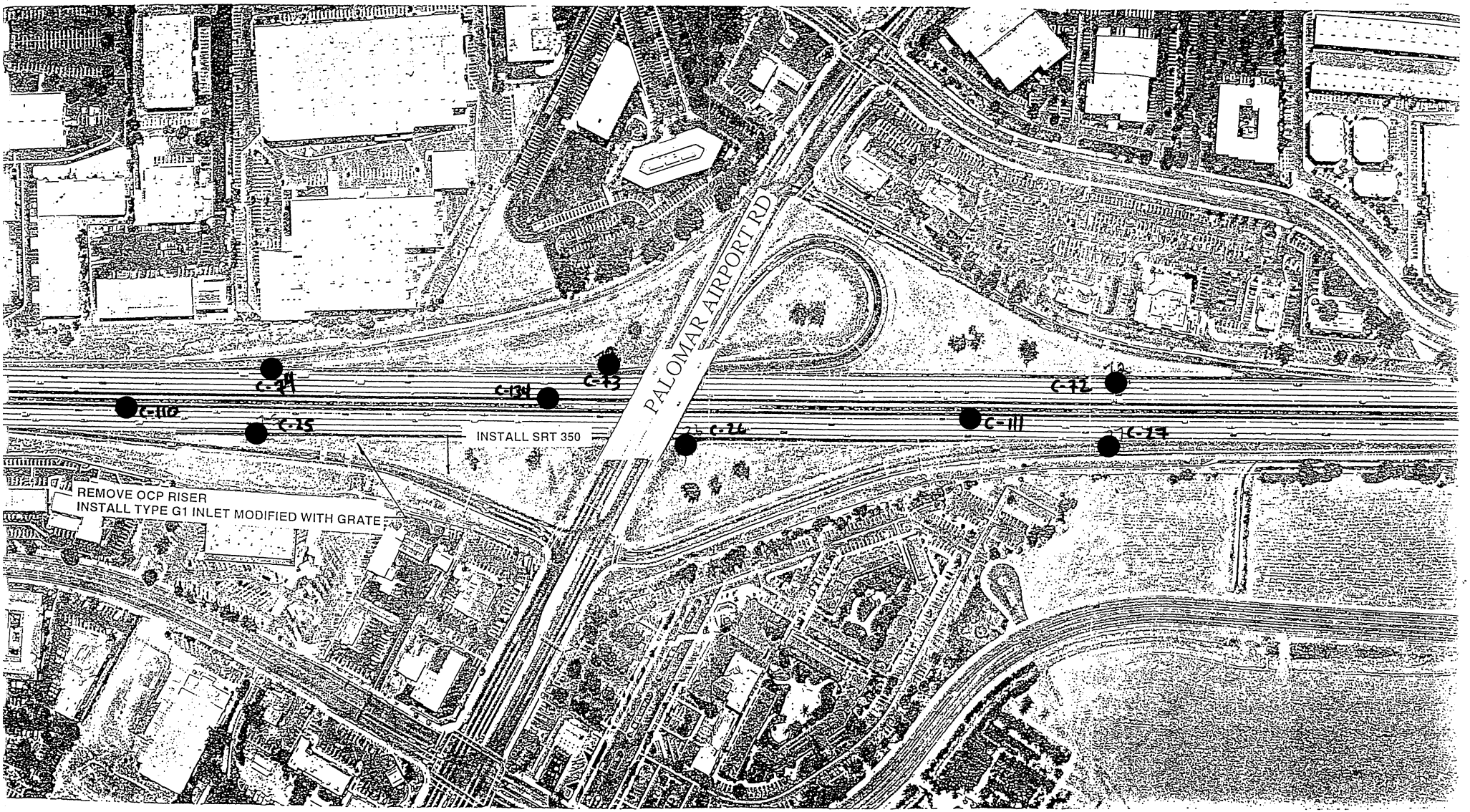

NORTH
NO SCALE
ESA ESA
REPLACE METAL BEAM GUARD RAIL
C-142
C-10
I – 5
C-103
C-11
C-98
C-141
C-97
C-12
INSTALL SRT 350
ESA ESA
ESA
BATIQUITOS LAGOON

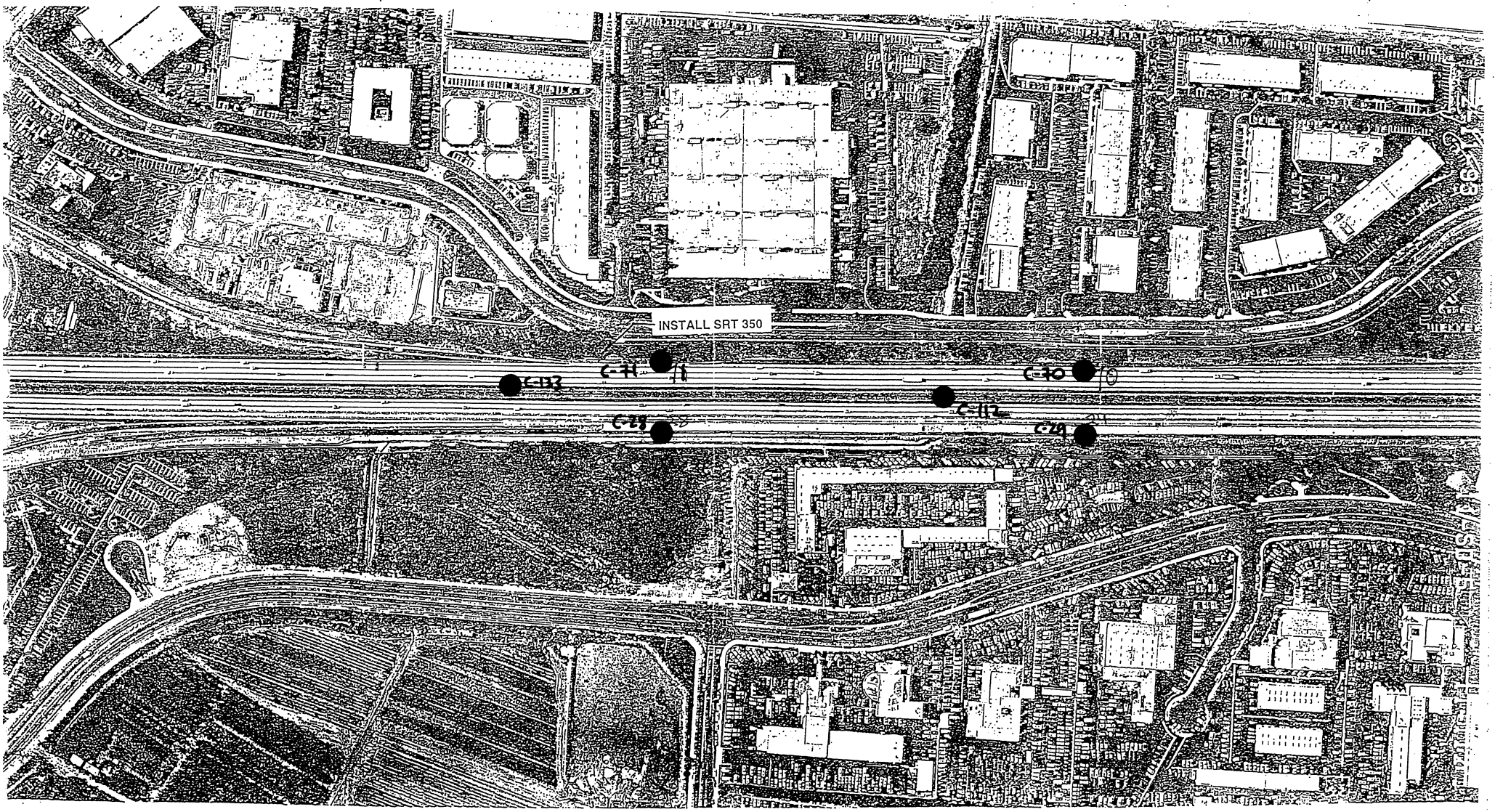

NORTH
NO SCALE
ESA
ESA
INSTALL ET-2000
C-86
C-104
C-13
I – 5
C-140
C-85
C-14
C-84
C-105
I – 5
C-15
ESA

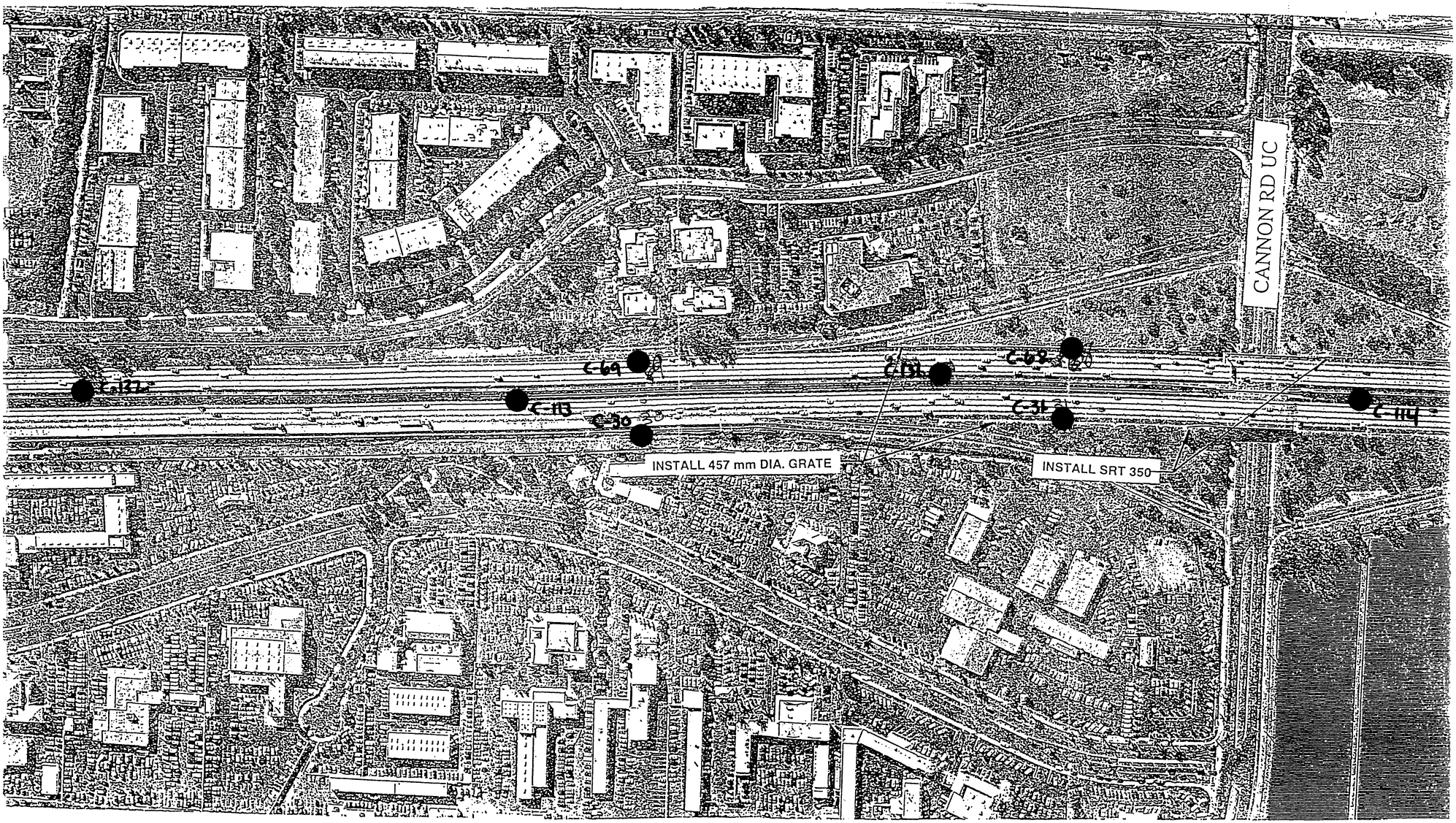

NORTH
NO SCALE
C-139
I-5
C-83
C-16
C-106
BURY METAL BEAM GUARD RAIL
C-82
C-17
C-138
C-81
C-18
POINSETTIA LANE OC

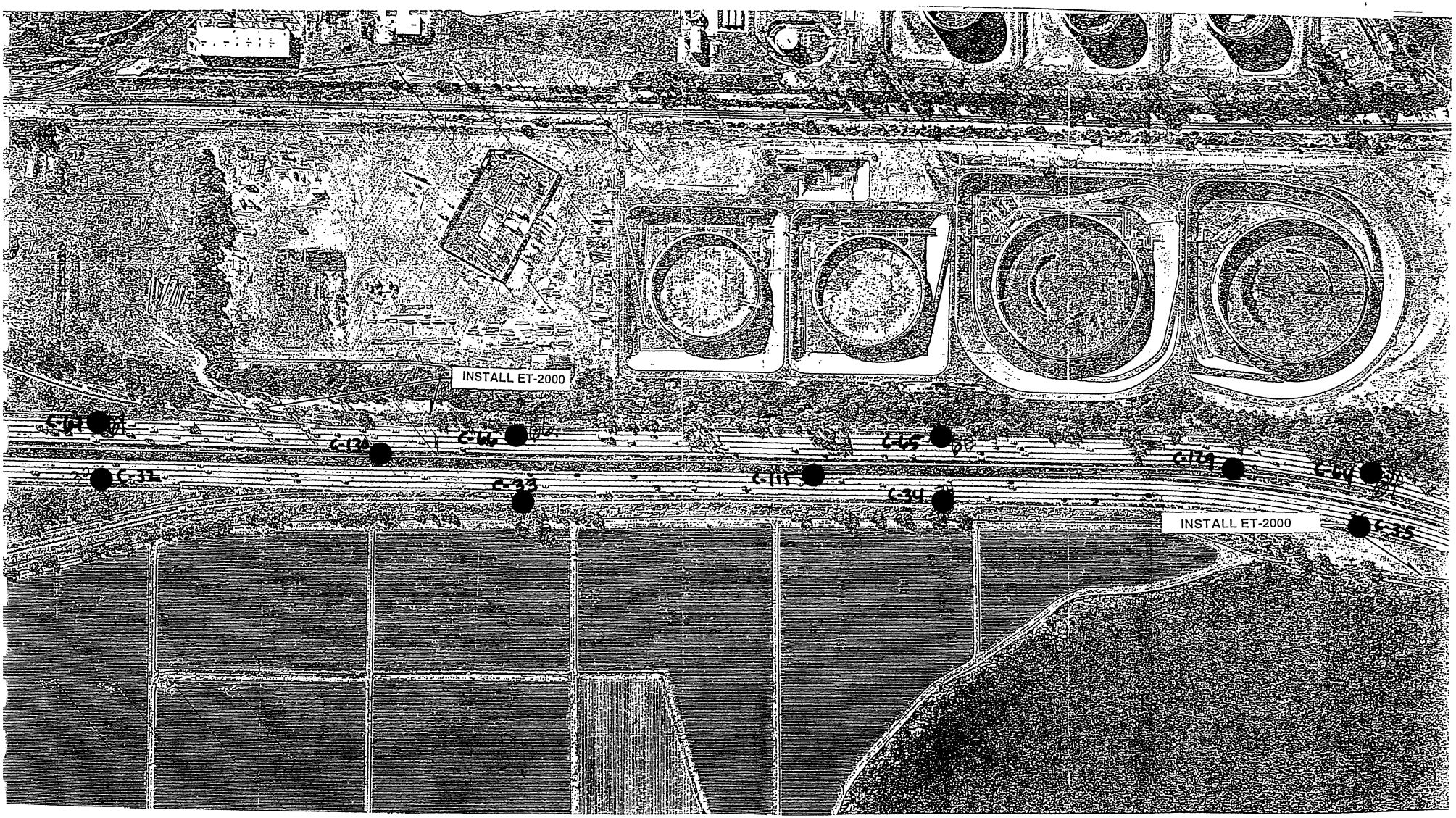

NORTH
NO SCALE
INSTALL SRT 350
I – 5
I – 5
C-80
C-137
C-79
C-78
C-107
C-19
C-20
C-108
C-21

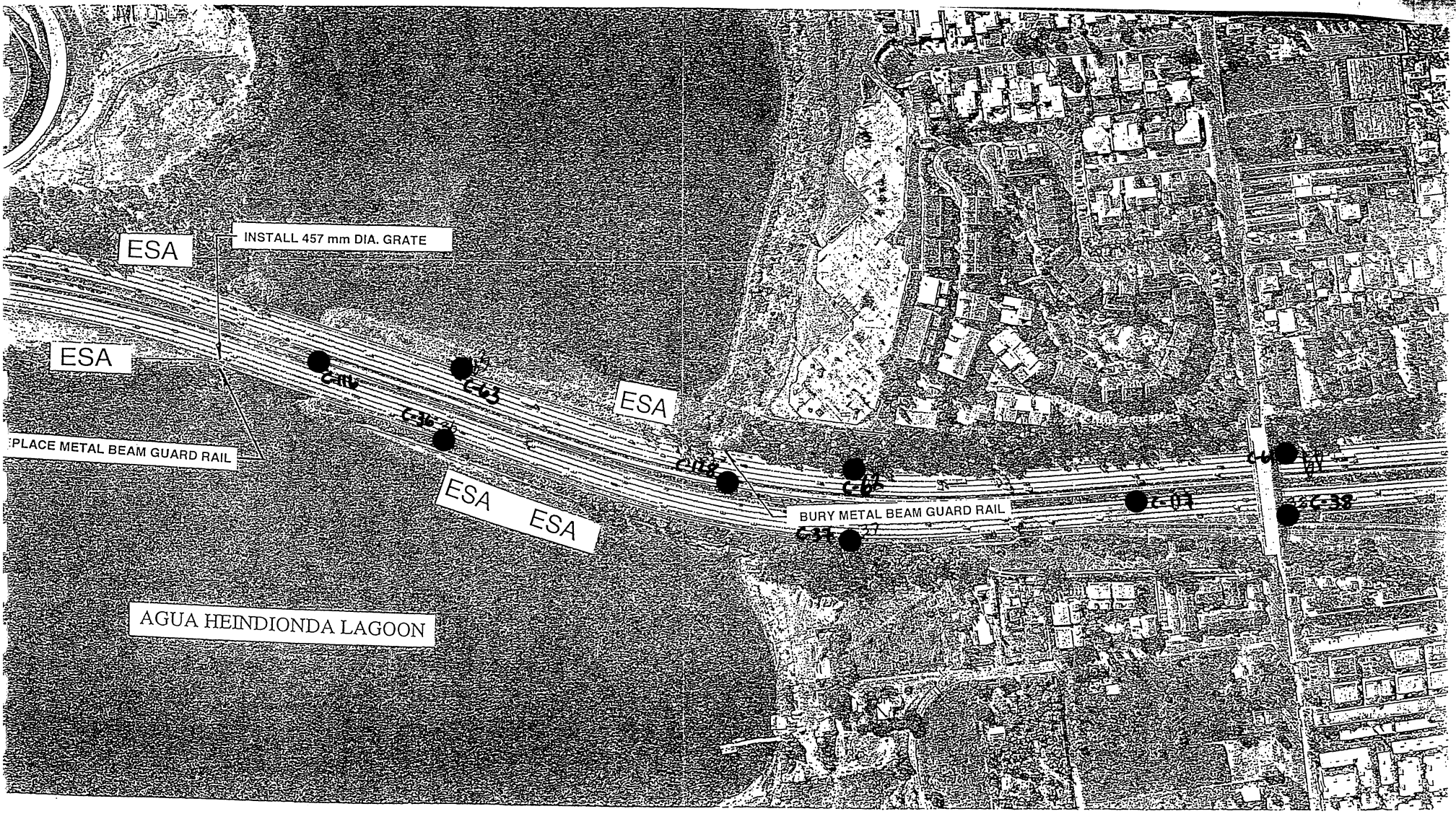

NORTH
NO SCALE
INSTALL ET-2000
C-136
C-11
C-16
C-105
C-15
I – 5
I – 5
C-109
C-22
C-23
C-24
INSTALL SRT 350
LAS ENCINAS CR
INSTALL ET-2000

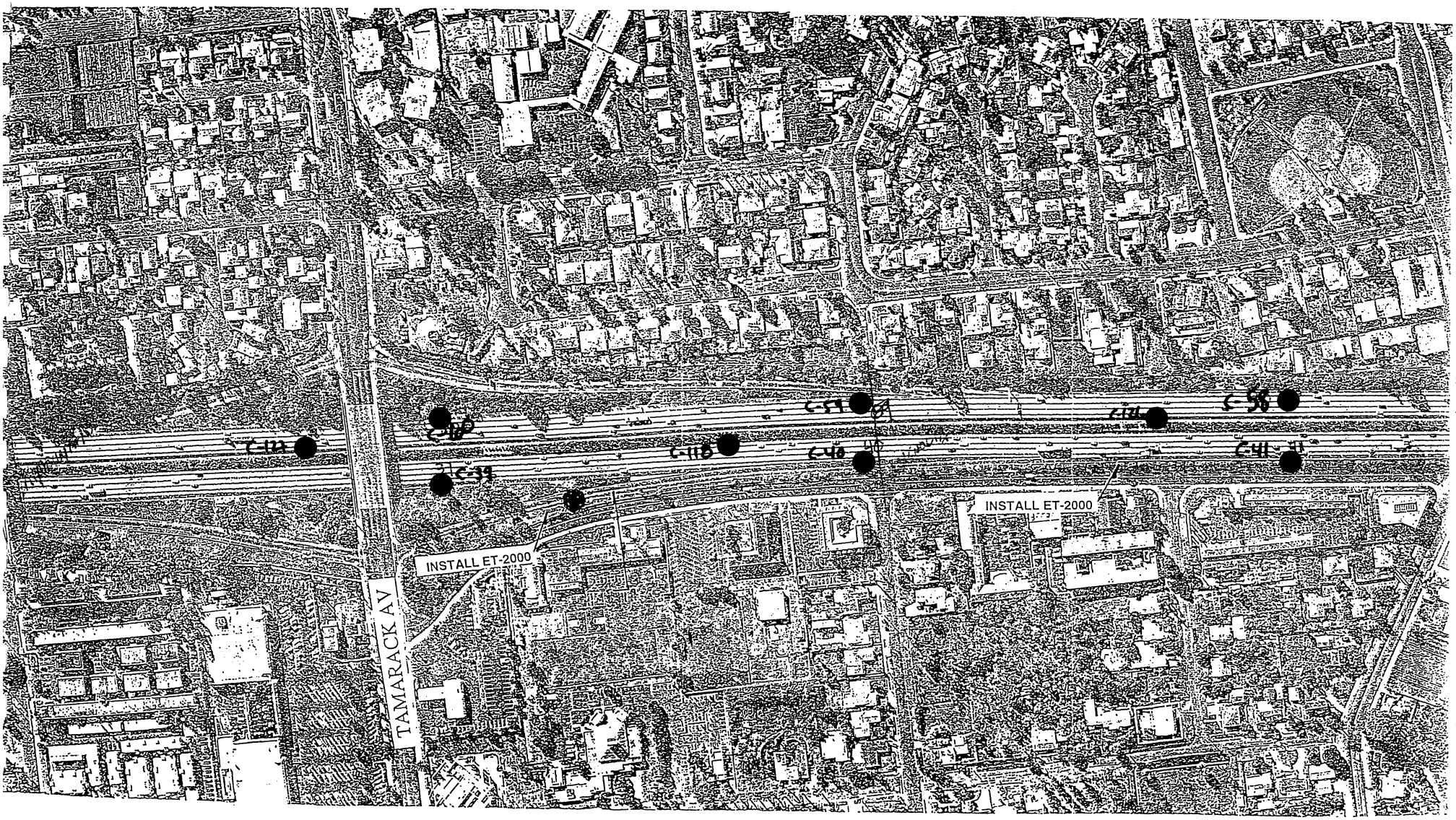

PALOMAR AIRPORT RD
C-110
C-25
C-134
C-13
C-26
C-111
C-72
C-27
INSTALL SRT 350
REMOVE OCP RISER
INSTALL TYPE G1 INLET MODIFIED WITH GRATE

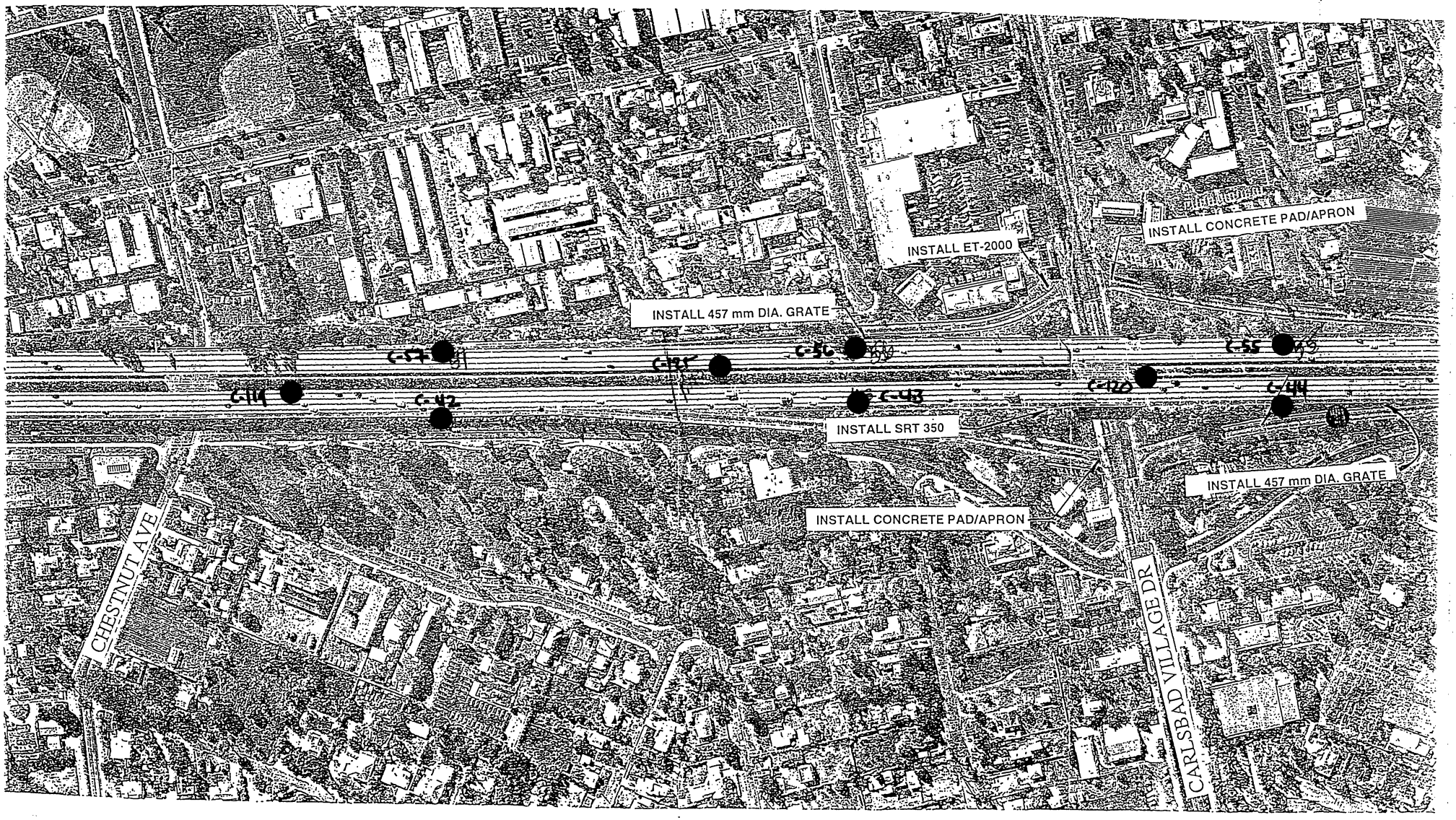

INSTALL SRT 350
C-11
C-10
C-112
C-29

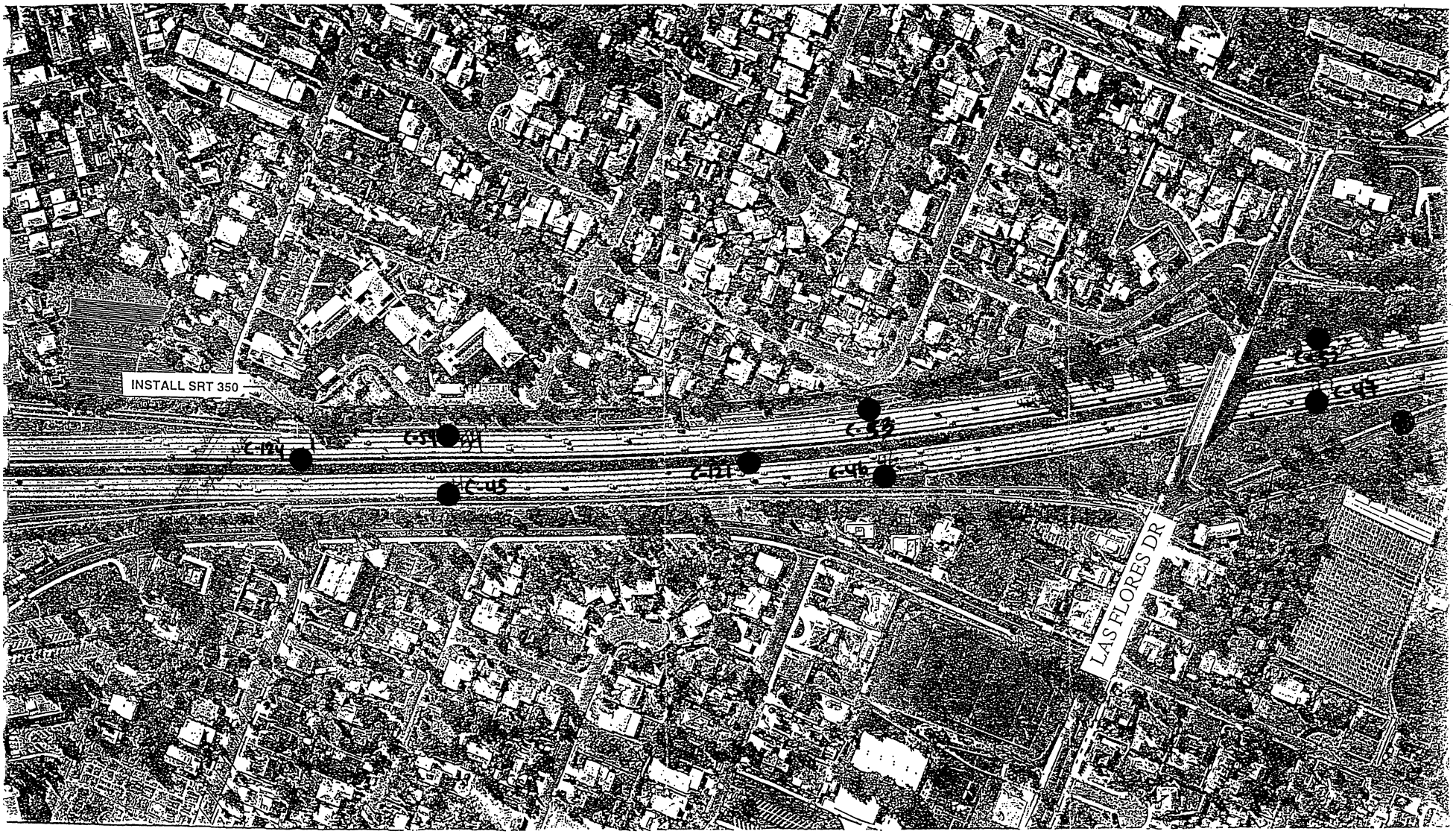

CANNON RD UC
C-132
C-69
C-113
C-30
C-131
C-68
C-31
C-114
INSTALL 457 mm DIA. GRATE
INSTALL SRT 350

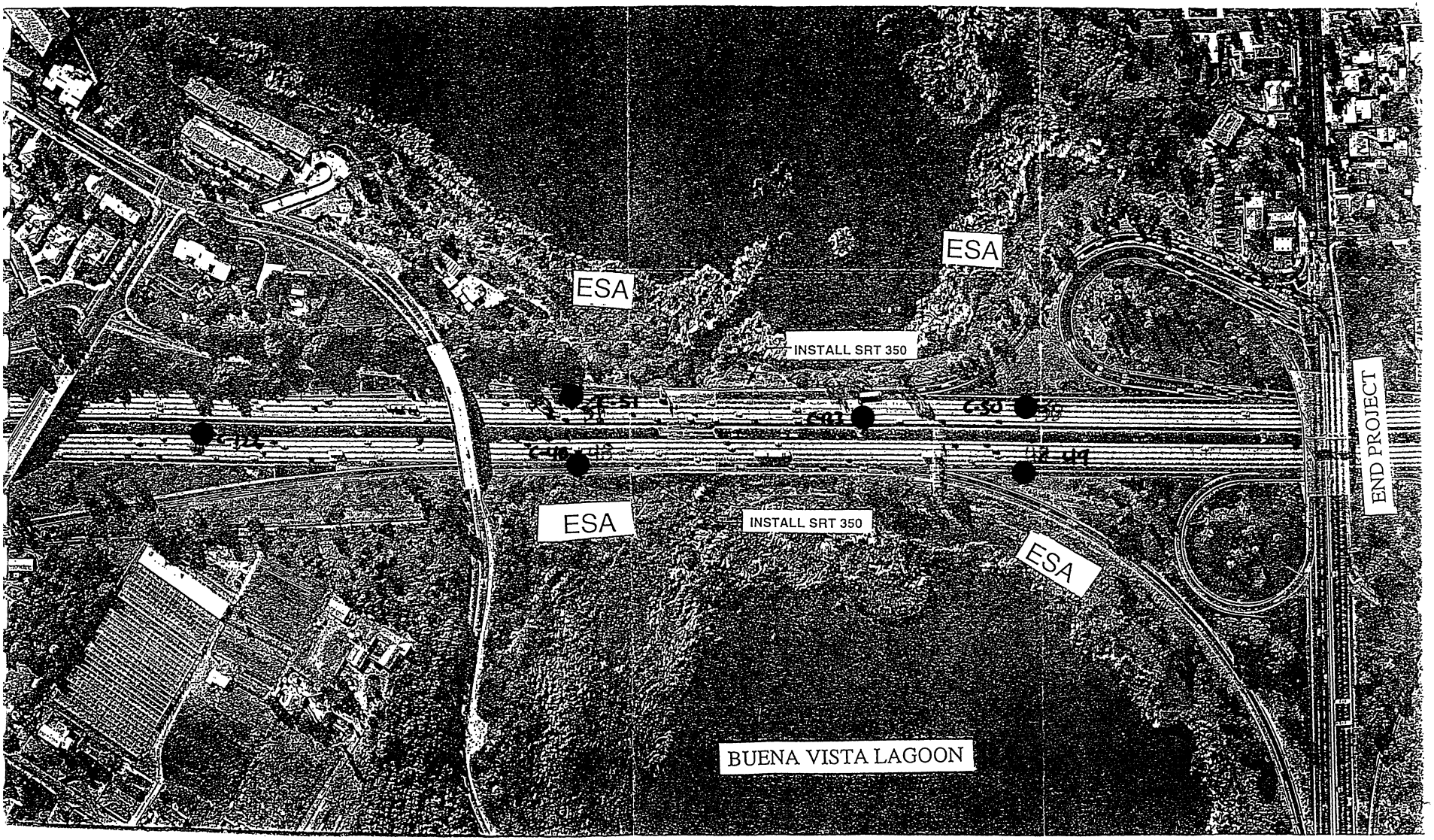

INSTALL ET-2000
C-32
C-130
C-66
C-33
C-115
C-65
C-34
C-129
C-64
INSTALL ET-2000
C-35


ESA
INSTALL 457 mm DIA. GRATE
ESA
C-116
C-63
C-36
ESA
PLACE METAL BEAM GUARD RAIL
ESA
ESA
C-114
C-62
BURY METAL BEAM GUARD RAIL
C-37
C-07
C-38
AGUA HEINDIONDA LAGOON


TAMARACK AV
INSTALL ET-2000
INSTALL ET-2000


INSTALL CONCRETE PAD/APRON
INSTALL ET-2000
INSTALL 457 mm DIA. GRATE
C-57
C-56
C-55
C-119
C-42
C-43
C-120
C-44
INSTALL SRT 350
INSTALL 457 mm DIA. GRATE
INSTALL CONCRETE PAD/APRON
CHESTNUT AVE
CARLSBAD VILLAGE DR


INSTALL SRT 350
C-124
C-59
C-45
C-121
C-46
C-53
C-52
C-47
LAS FLORES DR


ESA
ESA
INSTALL SRT 350
ESA
INSTALL SRT 350
ESA
END PROJECT
BUENA VISTA LAGOON

R81.9/R85.0

INDEX OF SHEETS

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
11	SD	5	R81.9/R85.0	1	

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR HIGHWAY PLANTING ON

STATE HIGHWAY

IN SAN DIEGO COUNTY IN CARLSBAD AND OCEANSIDE ON ROUTE 5 FROM BUENA VISTA LAGOON BRIDGE TO BROOKS STREET OVERCROSSING

To be supplemented by Standard Plans dated July, 1999

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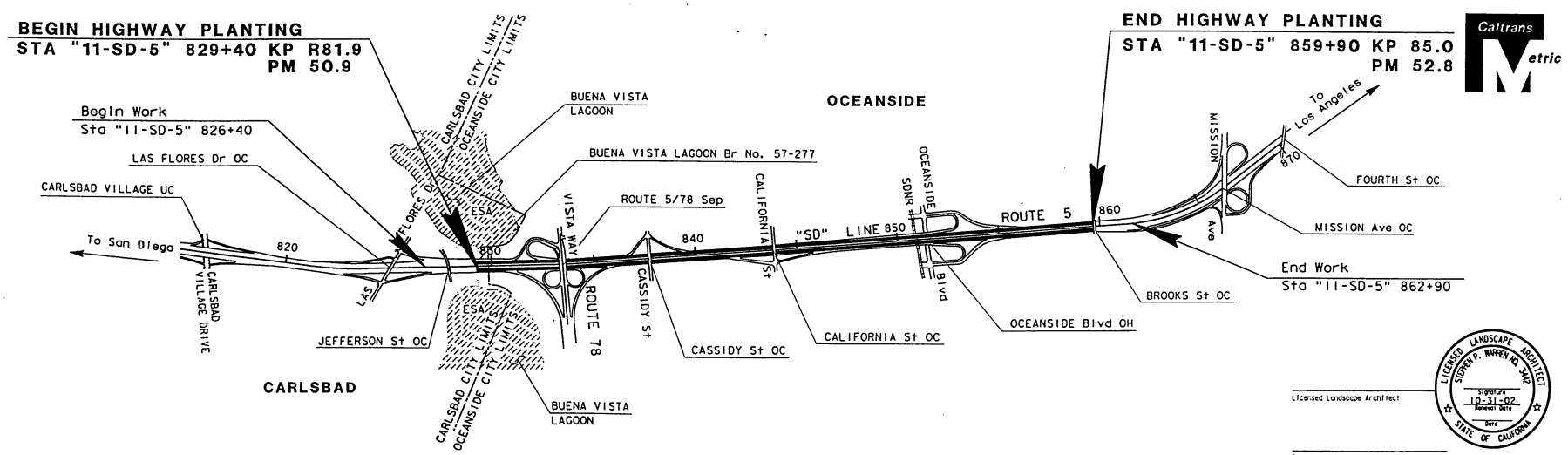

NO SCALE

The Contractor shall possess the Class (or classes) of license as specified in the "Notice to Contractors" on page 1 of the Special Provisions.

Licensed Landscape Architect

Plans Approval Date

LICENSED LANDSCAPE ARCHITECT STEPHEN P. WARREN NO. 3442 Signature 10-31-02 Renewal Date Date STATE OF CALIFORNIA

PROJECT LANDSCAPE ARCHITECT	PROJECT MANAGER
STEPHEN WARREN	ISMAEL SALAZAR

LAST REVISION 02-5-00

DATE PLOTTED => 20 FEB 2001
TIME PLOTTED => 08:59:22

Contract No. 11-239604

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EA 239601

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11	SD	5	R81.9/R85.0	XX	

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

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LICENSED LANDSCAPE ARCHITECT — SIDNEY F. WARREN NO. 3242 — 10-31-02 — STATE OF CALIFORNIA

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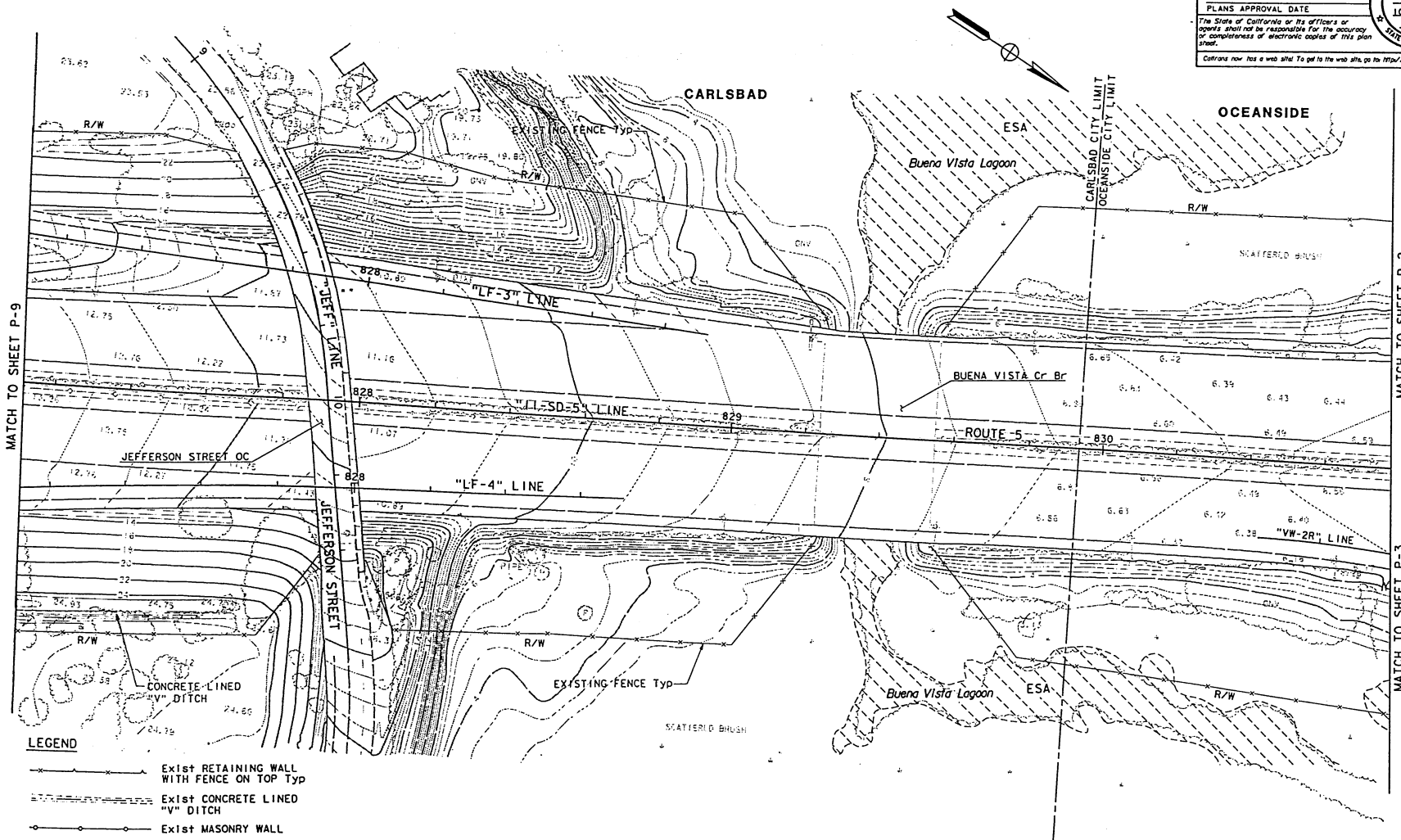

LEGEND

- Exist RETAINING WALL WITH FENCE ON TOP Typ
- Exist CONCRETE LINED "V" DITCH
- Exist MASONRY WALL

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PLANTING PLAN

SCALE 1:500

P-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans LANDSCAPE ARCHITECTURE

PROJECT LANDSCAPE ARCHITECT: STEPHEN WARREN

CALCULATED/DESIGNED BY: RM — DATE MM/YY: XX — REVISED BY: JN

CHECKED BY — DATE REVISED: 12/99

LAST REVISION 01-31-00 — DATE PLOTTED => 20 FEB 2001 — TIME PLOTTED => 08:08:18

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CU 11342

EA 239601

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5	R81.9/R85.0	XX	

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT STEPHEN F. WARREN NO. 1342 STATE OF CALIFORNIA Signature 10-31-02 Renewal date Date

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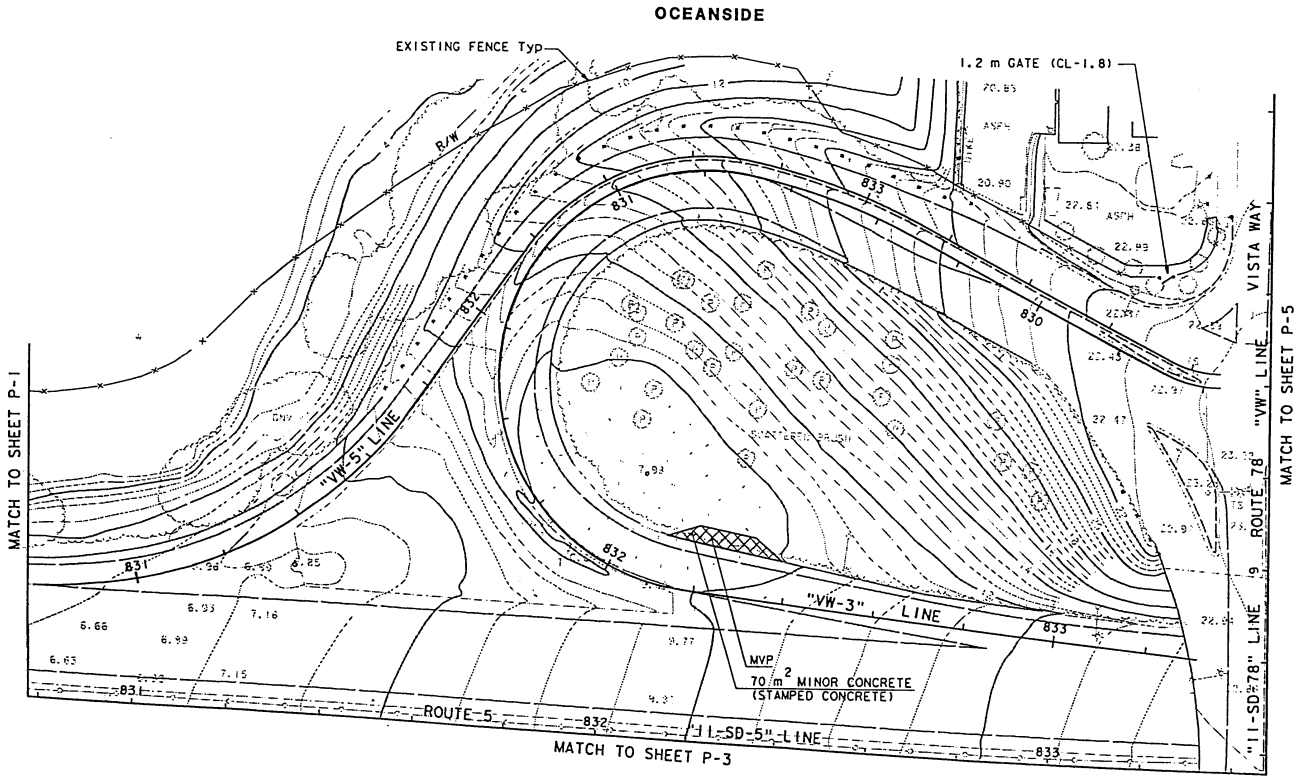
Caltrans Metric



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PLANTING PLAN

SCALE 1:500

P-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans LANDSCAPE ARCHITECTURE

PROJECT LANDSCAPE ARCHITECT: STEPHEN WARREN

CALCULATED/DESIGNED BY | RM | DATE MM/YY | REVISED BY | JN

CHECKED BY | XX | DATE REVISED | 12/99

LAST REVISION 01-31-01 | DATE PLOTTED => 20 FEB 2001 | TIME PLOTTED => 08:09:31

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CU 11342

EA 239601

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LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

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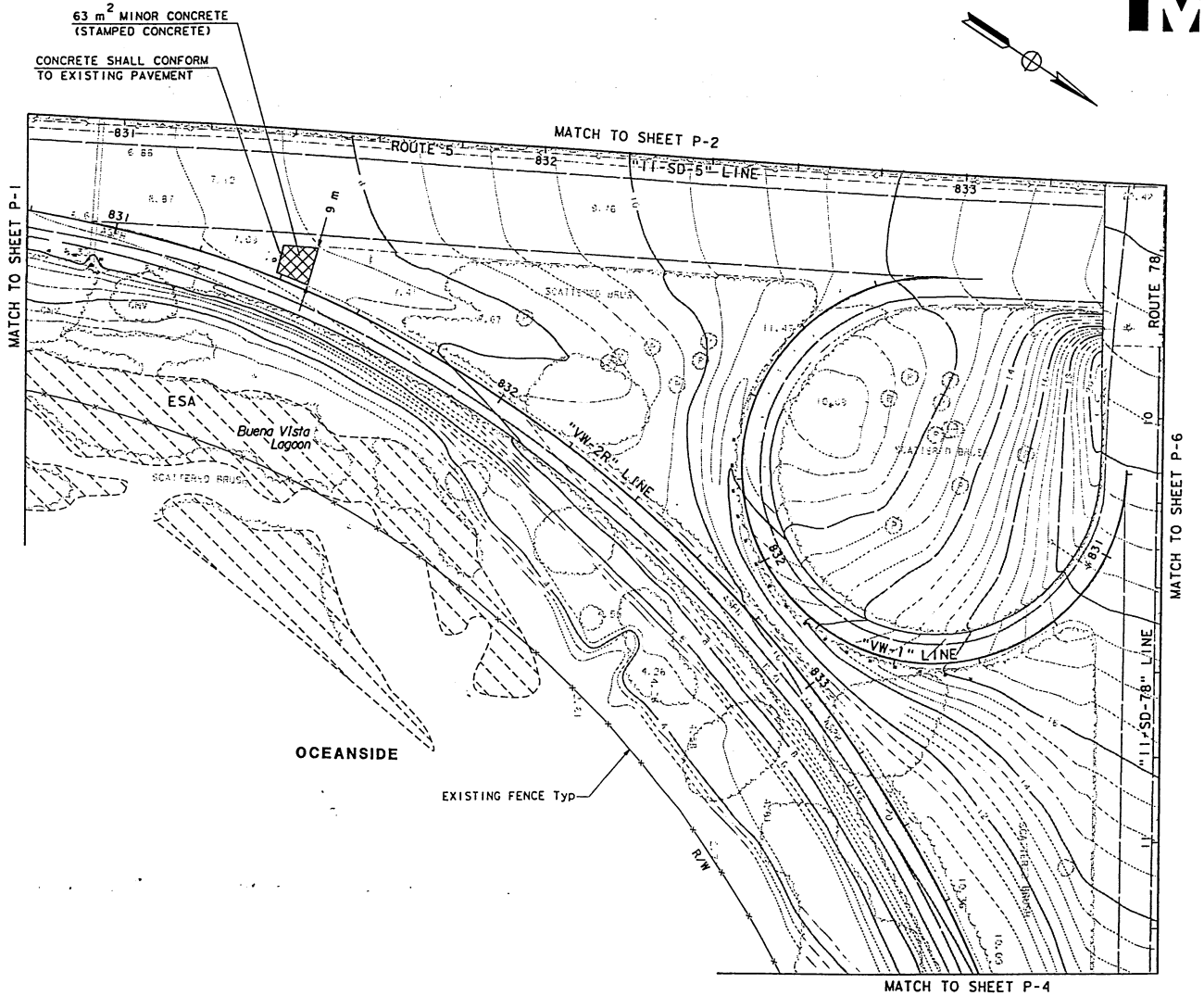
LICENSED LANDSCAPE ARCHITECT SUSAN P. WARREN NO. 2442 Signature 10-31-02 Expiration Date STATE OF CALIFORNIA

Caltrans Metric



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PLANTING PLAN

SCALE 1:500

P-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans LANDSCAPE ARCHITECTURE

PROJECT LANDSCAPE ARCHITECT: STEPHEN WARREN

CALCULATED/DESIGNED BY: RM | DATE: XX/XX/XX | REVISED BY: JN

CHECKED BY | DATE REVISED: 12/99

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CU 11342

EA 239601

LAST REVISION 01-31-01

DATE PLOTTED => 20 FEB 2001
TIME PLOTTED => 08:09:49

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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Caltrans Metric

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

10-31-02

LICENSED LANDSCAPE ARCHITECT STEPHEN P. WARREN No. 3442 STATE OF CALIFORNIA

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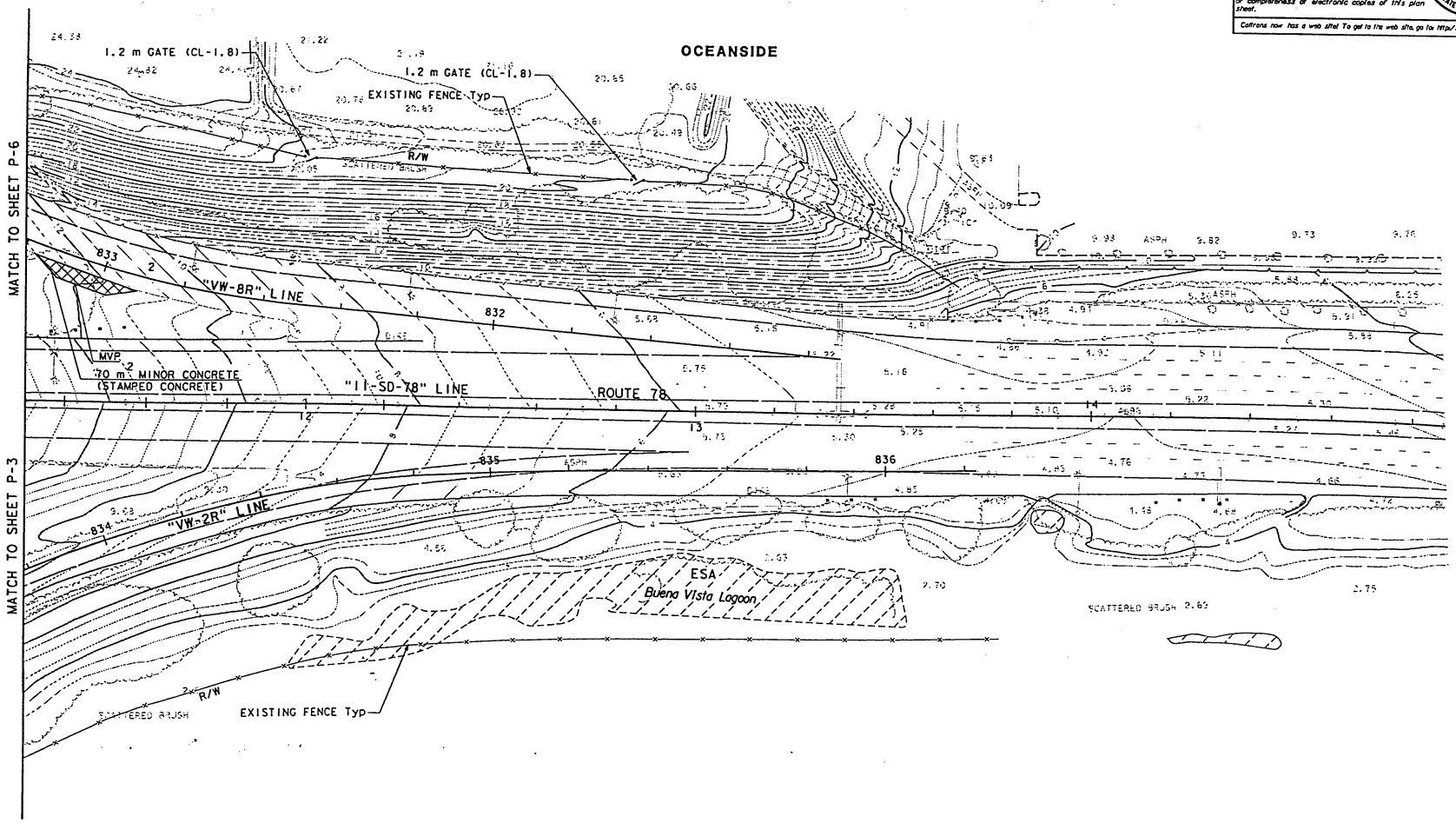

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PLANTING PLAN

SCALE 1:500

P-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	PROJECT LANDSCAPE ARCHITECT	CALCULATED/DESIGNED BY	JN
Caltrans LANDSCAPE ARCHITECTURE	STEPHEN WARREN	CHECKED BY	
		RM XX	DATE MM/YY
		REVISED BY	DATE REVISED 12/99

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

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CU 11342

EA 239601

LAST REVISION 01-31-01

DATE PLOTTED => 20 FEB 2001
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DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5	R81.9/R85.0	XX	

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

10-31-02

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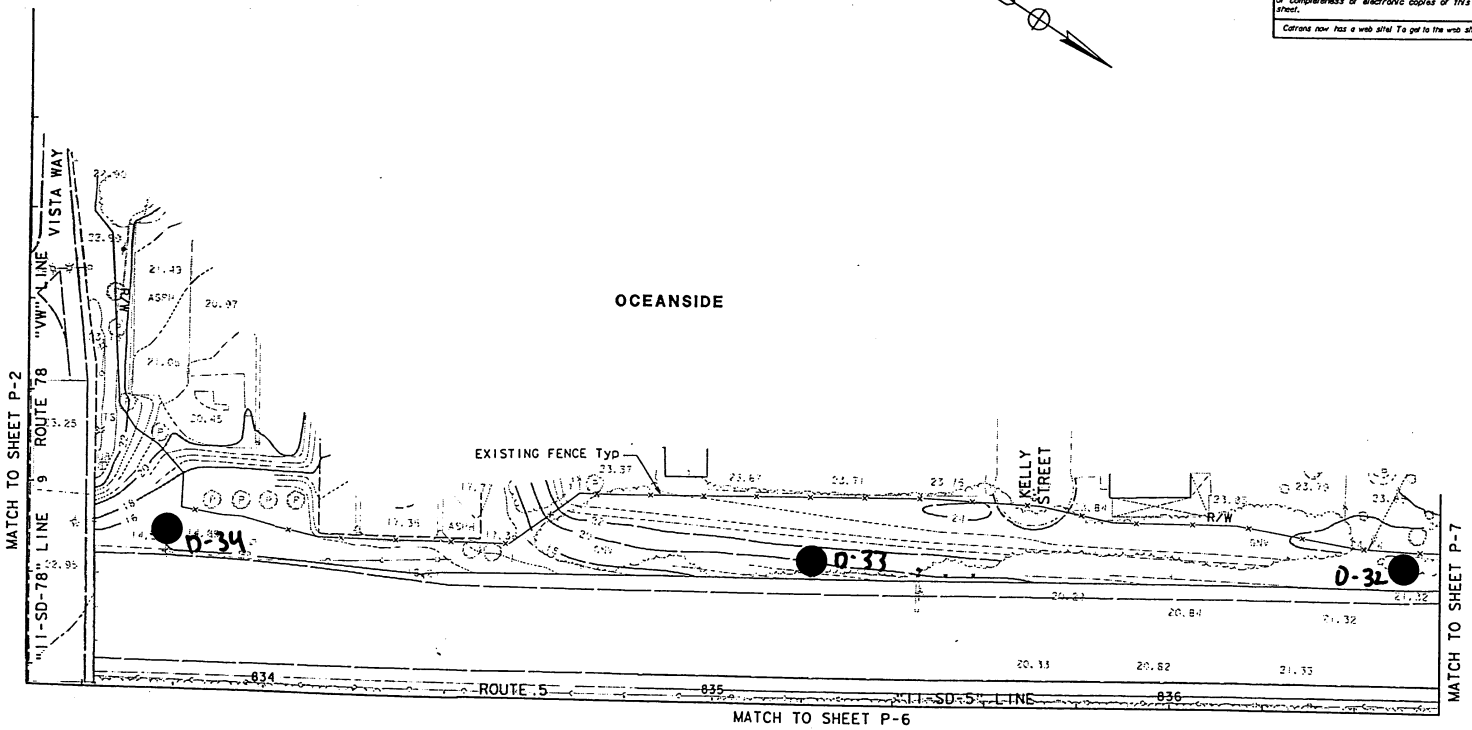
Caltrans Metric



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PLANTING PLAN

SCALE 1:500

P-5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans LANDSCAPE ARCHITECTURE

PROJECT LANDSCAPE ARCHITECT STEPHEN WARREN

CALCULATED/DESIGNED BY | RM | DATE MM/YY | REVISED BY | JN

CHECKED BY | XX | DATE REVISED | 12/99

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => $(USER)
DGN FILE => ...\b23960p05.dgn

CU 11342

EA 239601

LAST REVISION 01-31-01

DATE PLOTTED => 20 FEB 2001
TIME PLOTTED => 08:10:41

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5	R81.9/R85.0	XX	

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

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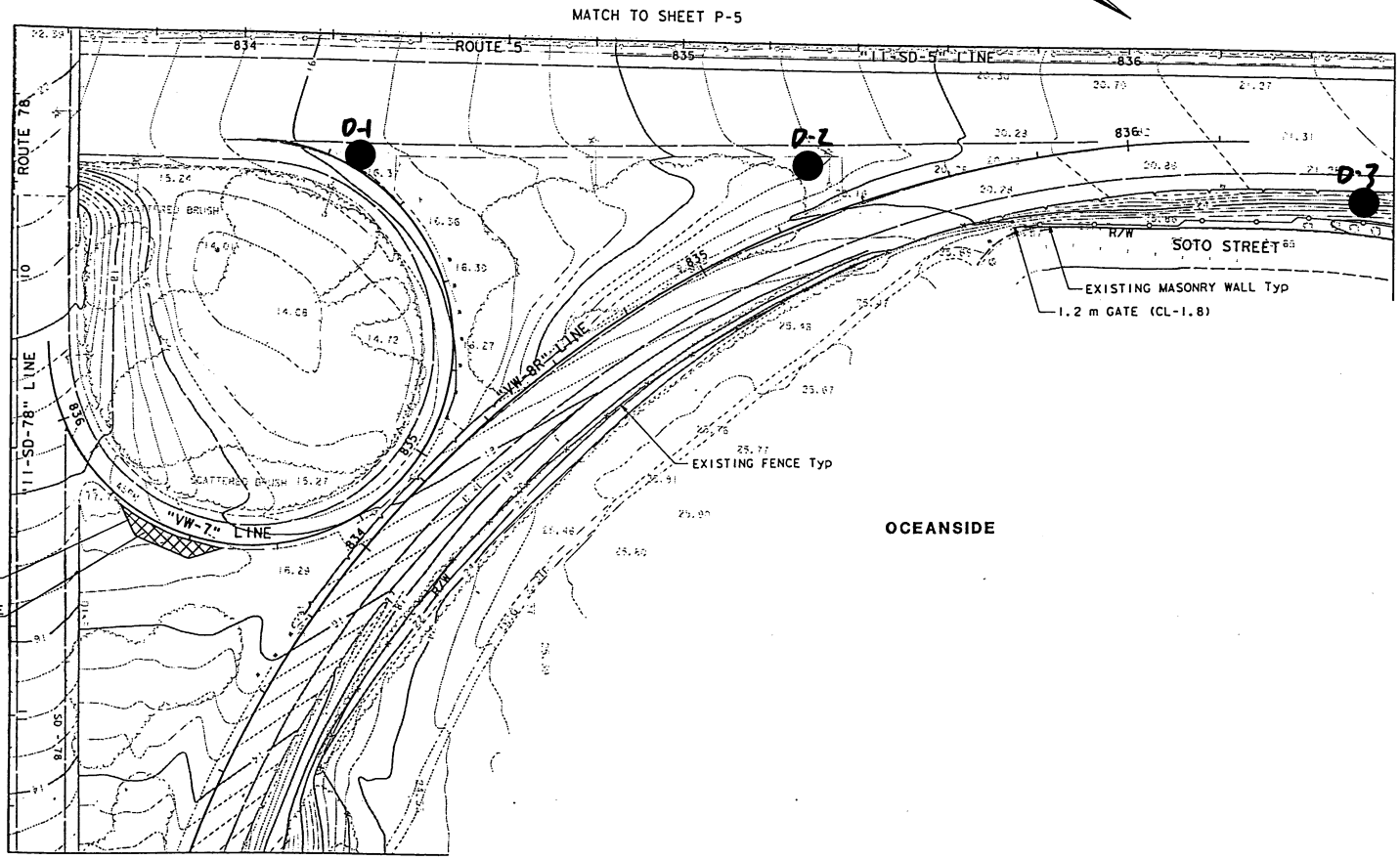
Caltrans Metric



(THIS PLAN ACCURATE FOR PLANTING WORK ONLY)

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

PLANTING PLAN

SCALE 1:500

P-6

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans LANDSCAPE ARCHITECTURE

PROJECT LANDSCAPE ARCHITECT: STEPHEN WARREN

CALCULATED/DESIGNED BY | RM | DATE MM/YY | REVISED BY | JN

CHECKED BY | XX | DATE REVISED | 12/99

LAST REVISION 01-31-01

DATE PLOTTED => 20 FEB 2001

TIME PLOTTED => 08:11:05

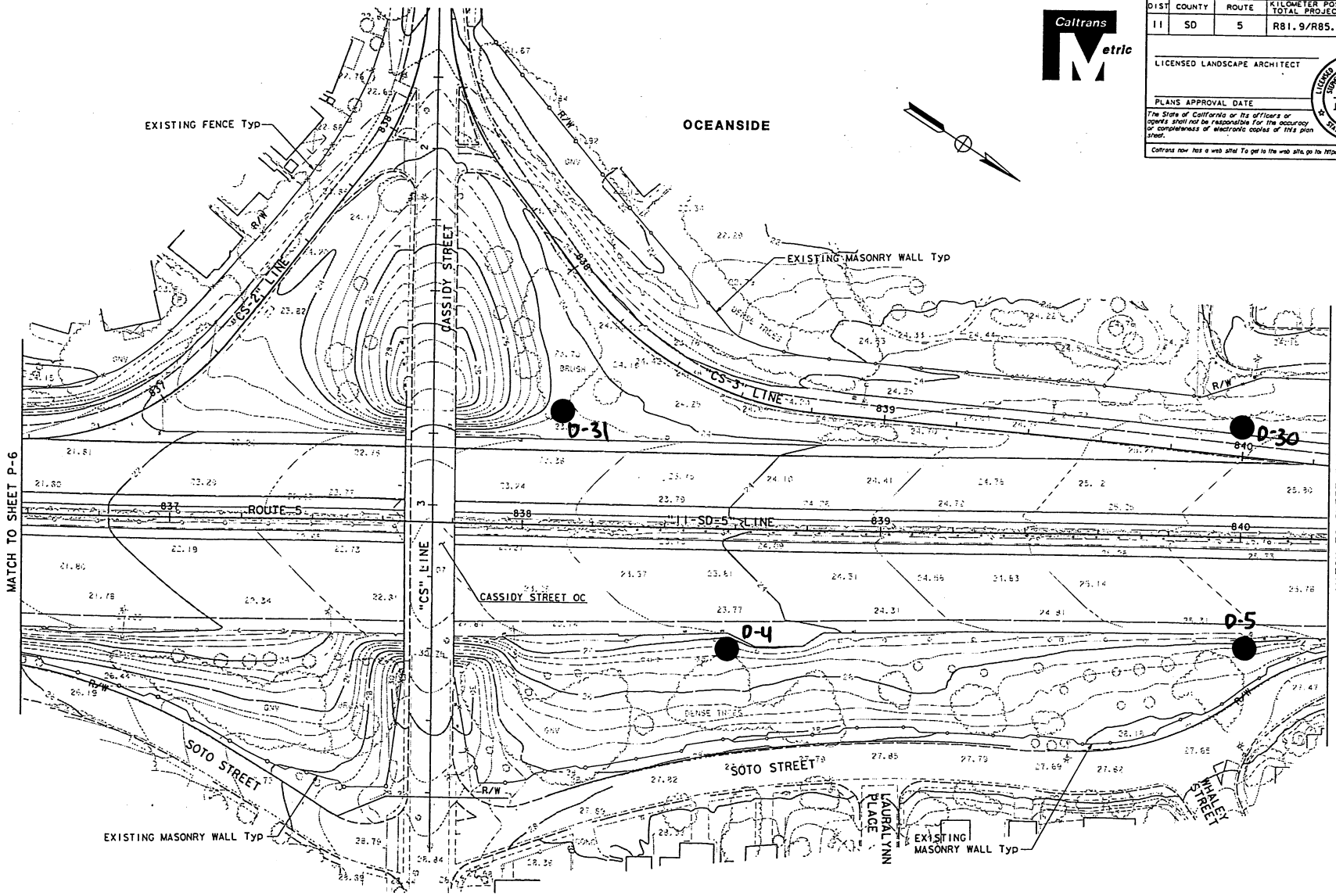
FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => $(USER)

DGN FILE => ...\b23960p06.dgn

CU 11342

EA 239601



(THIS PLAN ACCURATE FOR PLANTING WORK ONLY)

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

PLANTING PLAN

SCALE 1:500

P-7

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5	R81.9/R85.0	XX	

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

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LICENSED LANDSCAPE ARCHITECT SUSAN P. WARREN NO. 1242 10-31-02 STATE OF CALIFORNIA

Caltrans Metric

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans LANDSCAPE ARCHITECTURE

PROJECT LANDSCAPE ARCHITECT STEPHEN WARREN

CALCULATED/DESIGNED BY XX | RM | DATE MM/YY

CHECKED BY | REVISED BY JN | DATE REVISED 12/99

LAST REVISION 01-31-01 | DATE PLOTTED => 20 FEB 2001 | TIME PLOTTED => 08:11:42

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => $(USER)
DGN FILE => ...\D23960p07.dgn

CU 11342

EA 239601

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5	R81.9/R85.0	XX	

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

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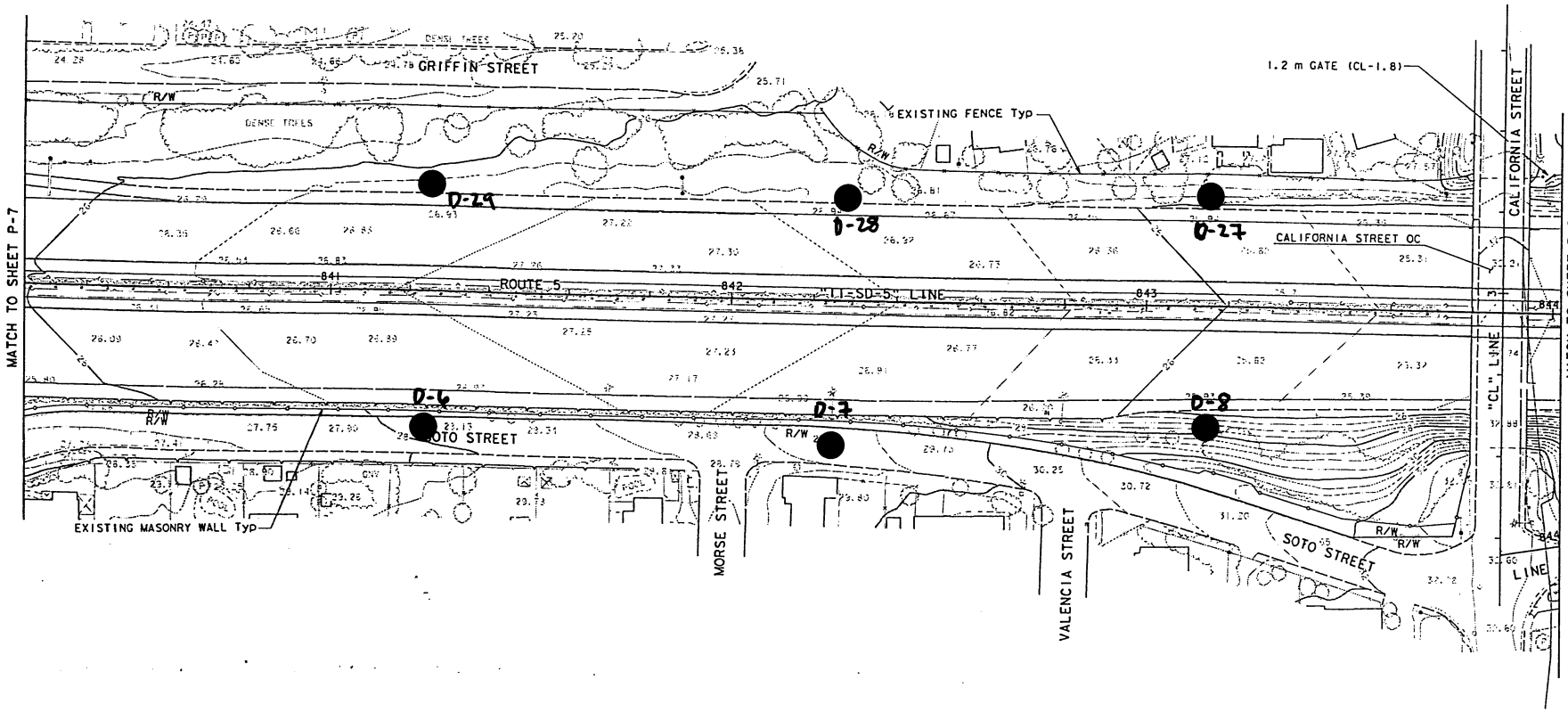
Caltrans Metric

LICENSED LANDSCAPE ARCHITECT SUSAN R. WARREN NO. 1242 10-31-02 STATE OF CALIFORNIA

OCEANSIDE



(THIS PLAN ACCURATE FOR PLANTING WORK ONLY)

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

PLANTING PLAN

SCALE 1:500

P-8

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	PROJECT LANDSCAPE ARCHITECT	CALCULATED/ DESIGNED BY	RM	DATE MM/YY	REVISED BY	JN
Caltrans LANDSCAPE ARCHITECTURE	STEPHEN WARREN	CHECKED BY	XX		DATE REVISED	12/99

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

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DGN FILE => ...\D23960p08.dgn

CU 11342

EA 239601

LAST REVISION 01-31-01

DATE PLOTTED => 20 FEB 2001
TIME PLOTTED => 08:12:27

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
11	SD	5	R81.9/R85.0	XX	

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

10-31-02

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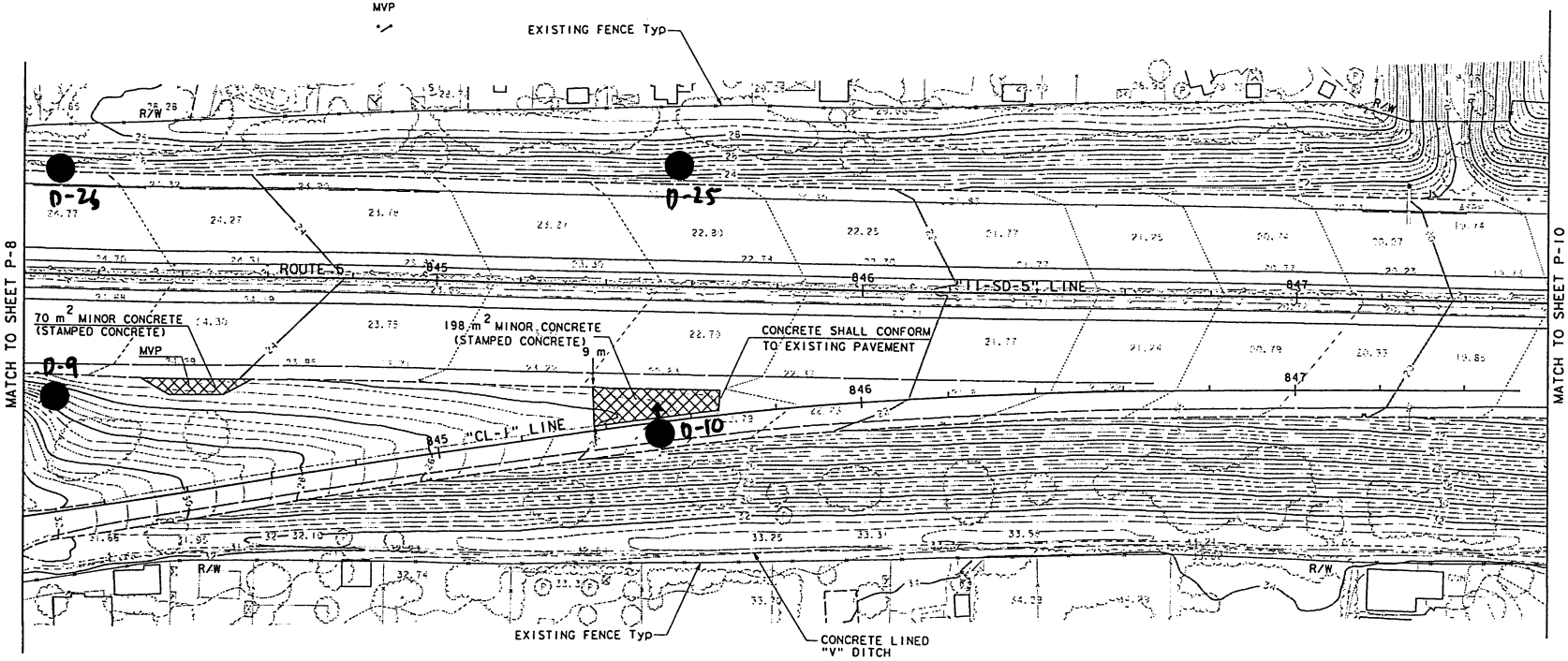
Caltrans Metric



(THIS PLAN ACCURATE FOR PLANTING WORK ONLY)

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

PLANTING PLAN

SCALE 1:500

P-9

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans LANDSCAPE ARCHITECTURE

PROJECT LANDSCAPE ARCHITECT STEPHEN WARREN

CALCULATED/DESIGNED BY RM XX | DATE MM/YY

CHECKED BY

REVISED BY JN | DATE REVISED 12/99

LAST REVISION 01-31-01

DATE PLOTTED => 20 FEB 2001
TIME PLOTTED => 09:12:49

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

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DGN FILE => ...\D239601p09.dgn

CU 11342

EA 239601

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5	R81.9/R85.0	XX	

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

10-31-02

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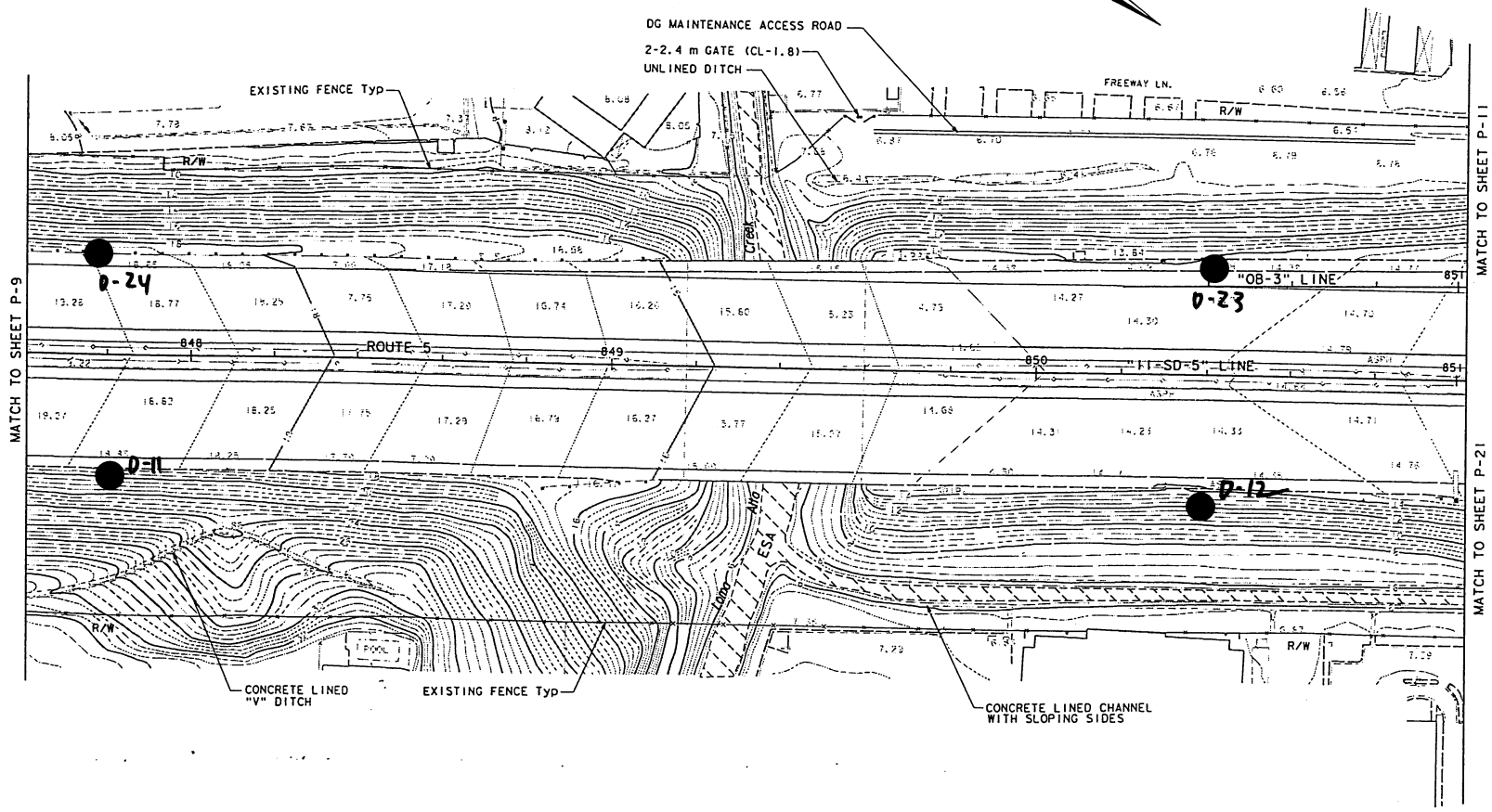
Caltrans now has a web site! To get to the web site, go to: http://www.dot.ca.gov

Caltrans Metric



(THIS PLAN ACCURATE FOR PLANTING WORK ONLY)

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

PLANTING PLAN

SCALE 1:500

P-10

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans LANDSCAPE ARCHITECTURE

PROJECT LANDSCAPE ARCHITECT: STEPHEN WARREN

CALCULATED/DESIGNED BY | RM | DATE MM/YY | REVISED BY | JN
CHECKED BY | XX | DATE REVISED | 12/99

LAST REVISION 01-31-01 | DATE PLOTTED -> 20 FEB 2001 | TIME PLOTTED -> 09:15:08

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME -> $(USER)
DGN FILE -> ...\b23960p10.dgn

CU 11342

EA 239601

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
11	SD	5	R81.9/R85.0	XX	

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT SUSAN T. HARPER NO. 1342 10-31-02 STATE OF CALIFORNIA

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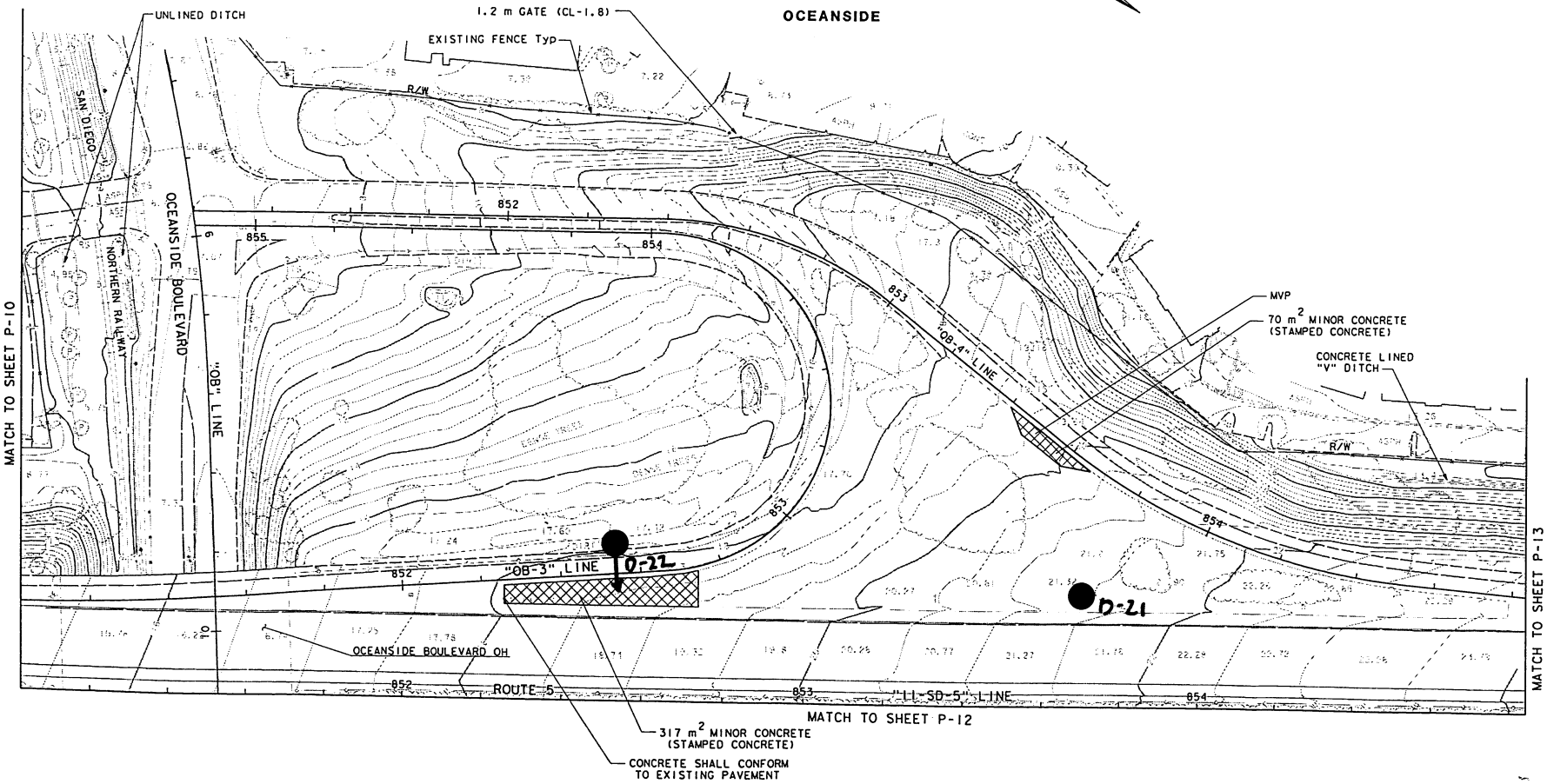
Caltrans Metric



(THIS PLAN ACCURATE FOR PLANTING WORK ONLY)

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

PLANTING PLAN

SCALE 1:500

P-11

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans LANDSCAPE ARCHITECTURE

PROJECT LANDSCAPE ARCHITECT: STEPHEN WARREN

CALCULATED/DESIGNED BY: RM XX | DATE MM/YY | REVISED BY: JN | DATE REVISED: 12/99

CHECKED BY

LAST REVISION 02-20-01 | DATE PLOTTED => 20 FEB 2001 | TIME PLOTTED => 09:07:50

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

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DGN FILE =>...\D239960D11.dgn

CU 11342

EA 239601

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5	R81.9/R85.0	XX	

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

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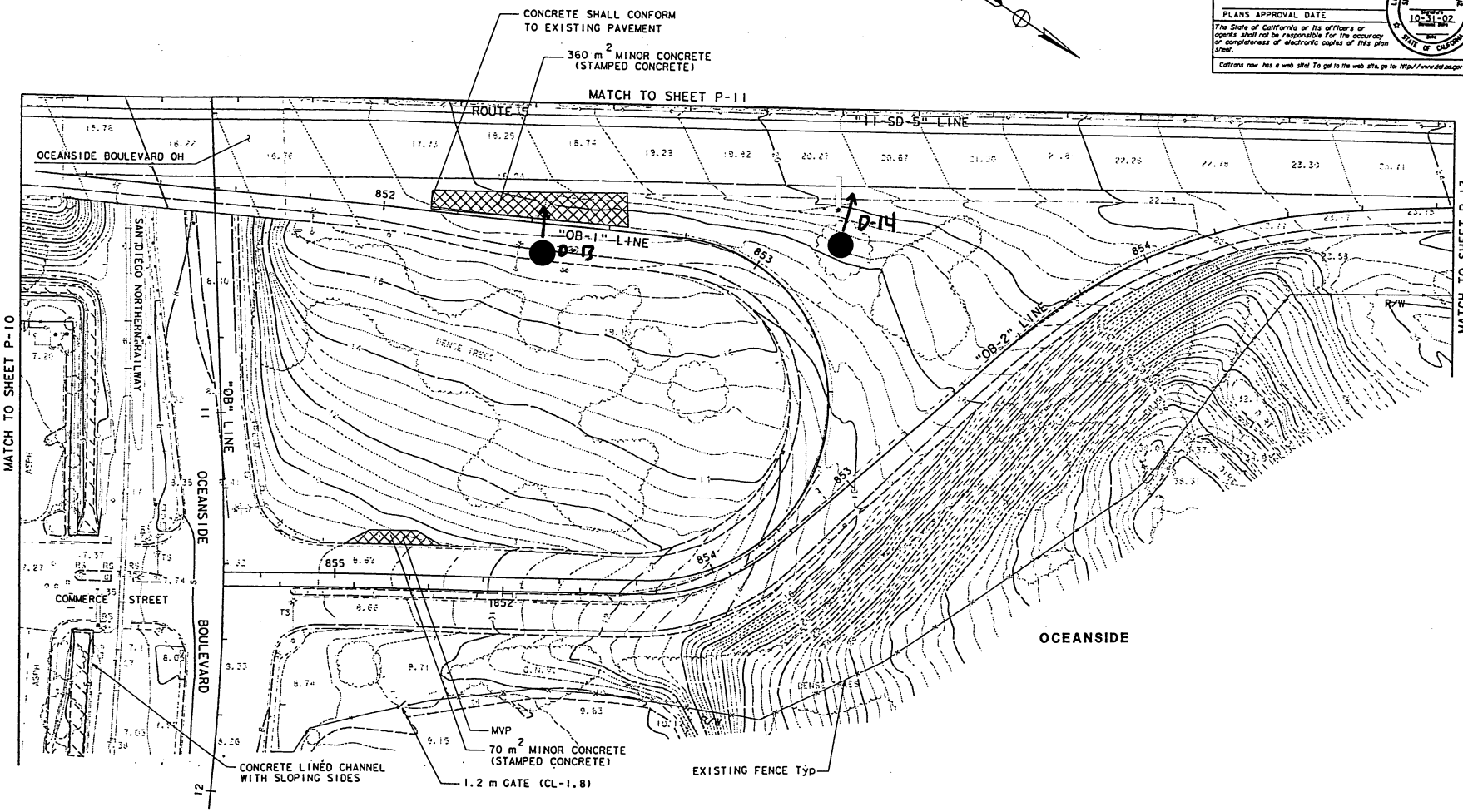
Caltrans Metric



(THIS PLAN ACCURATE FOR PLANTING WORK ONLY)

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

PLANTING PLAN

SCALE 1:500 P-12

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	PROJECT LANDSCAPE ARCHITECT
Caltrans LANDSCAPE ARCHITECTURE	STEPHEN WARREN
CALCULATED/DESIGNED BY	RM
CHECKED BY	XX
DATE MM/YY	
REVISED BY	JN
DATE REVISED	12/99

LAST REVISION 01-31-01 DATE PLOTTED => 20 FEB 2001 TIME PLOTTED => 08:37:00

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => $(USER) DGN FILE => ...\b239601p12.dgn

CU 11342 EA 239601

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5	R81.9/R85.0	XX	

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

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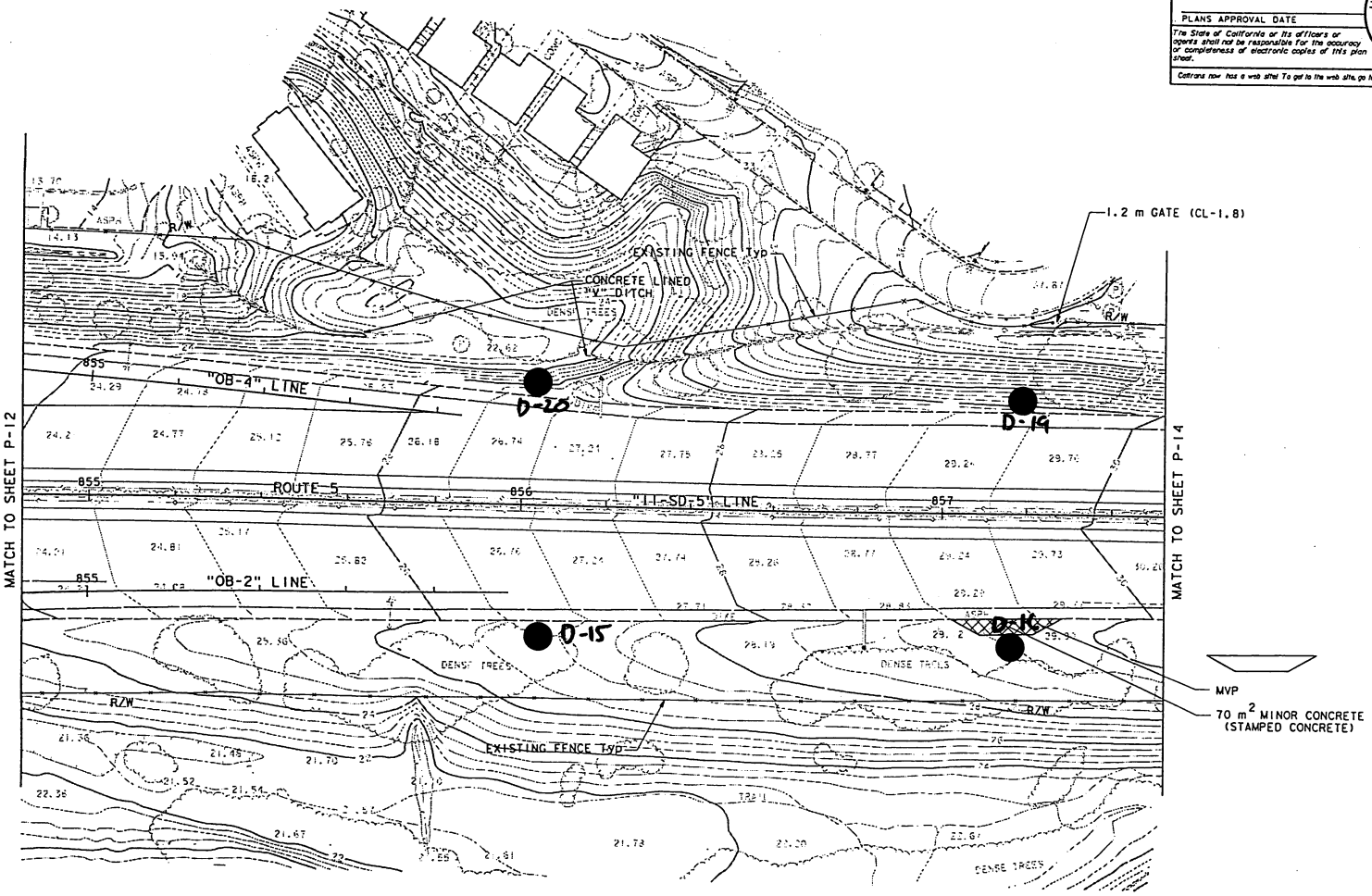
Caltrans Metric



(THIS PLAN ACCURATE FOR PLANTING WORK ONLY)

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

PLANTING PLAN

SCALE 1:500

P-13

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans LANDSCAPE ARCHITECTURE

PROJECT LANDSCAPE ARCHITECT STEPHEN WARREN

CALCULATED/DESIGNED BY RM XX DATE MM/YY

CHECKED BY

REVISED BY JN

DATE REVISED 12/99

LAST REVISION 01-31-01

DATE PLOTTED => 20 FEB 2001

TIME PLOTTED => 08:55:23

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => $(USER)

DGN FILE => ...\b239601p13.dgn

CU 11342

EA 239601

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5	R81.9/R85.0	XX	

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

10-31-02

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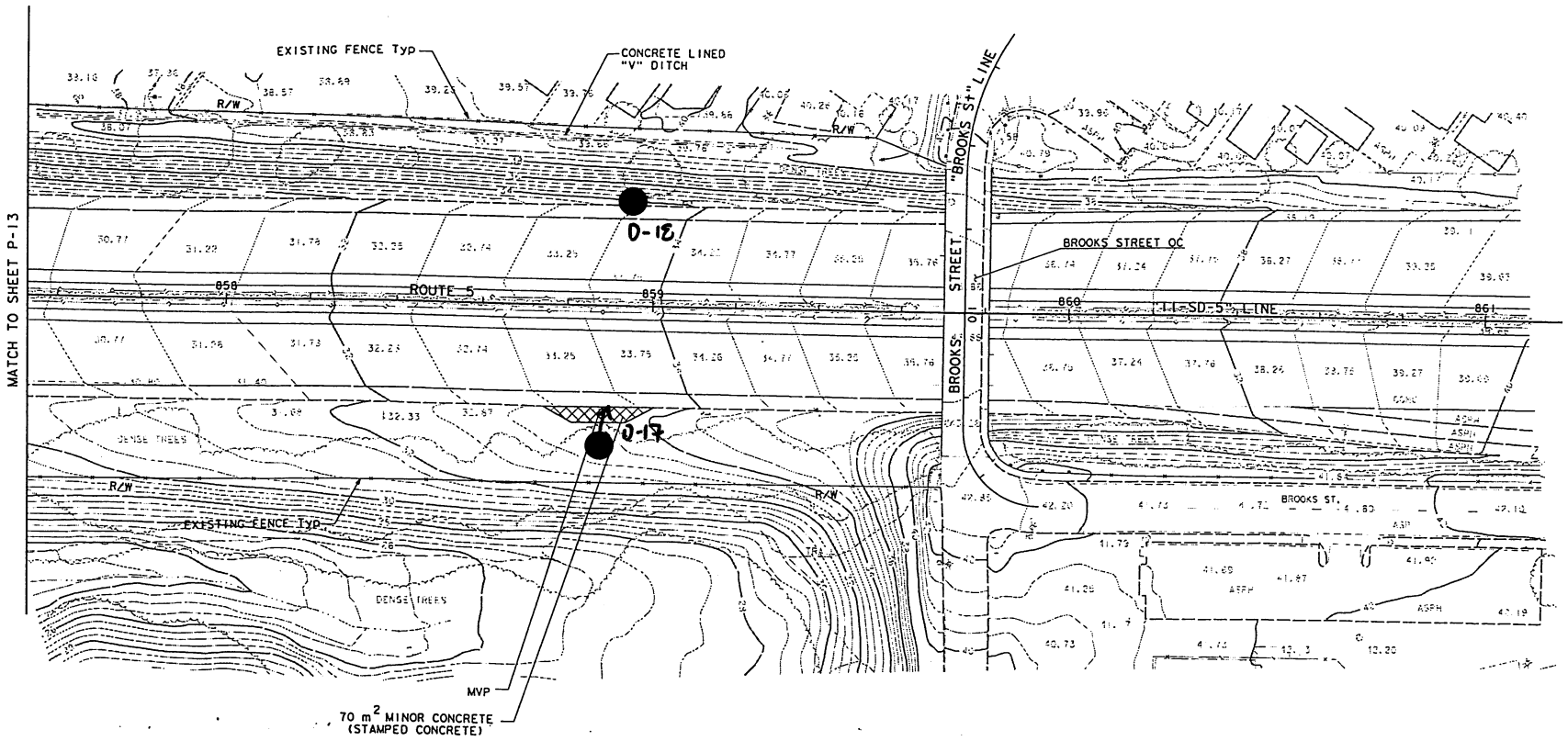
Caltrans Metric



(THIS PLAN ACCURATE FOR PLANTING WORK ONLY)

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

PLANTING PLAN

SCALE 1:500

P-14

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans LANDSCAPE ARCHITECTURE

PROJECT LANDSCAPE ARCHITECT: STEPHEN WARREN

CALCULATED/DESIGNED BY | RM | DATE XX MM/YY

CHECKED BY

REVISED BY | JN | DATE REVISED 12/99

LAST REVISION 01-31-01 | DATE PLOTTED => 20 FEB 2001 | TIME PLOTTED => 08:52:48

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => $(USER)
DGN FILE => ...\b23960p14.dgn

CU 11342

EA 239601

APPENDIX B
LABORATORY REPORTS

Total Lead

Advanced Technology Laboratories

Print Date: *23-Feb-01*

CLIENT:	PSI	Test No:	EPA 6010B
Lab Order:	049638	Units:	mg/Kg
Project:	592-IE010	Analyst:	RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
049638-001A	C-1.15	Soil	2/19/01	2994	64	5		1	2/22/01
049638-002A	C-1.3	Soil	2/19/01	2994	ND	5		1	2/22/01
049638-003A	C-1.6	Soil	2/19/01	2994	ND	5		1	2/22/01
049638-004A	C-2.15	Soil	2/19/01	2994	360	5		1	2/22/01
049638-005A	C-2.3	Soil	2/19/01	2994	77	5		1	2/22/01
049638-006A	C-2.6	Soil	2/19/01	2994	94	5		1	2/22/01
049638-007A	C-3.15	Soil	2/19/01	2994	11	5		1	2/22/01
049638-008A	C-3.3	Soil	2/19/01	2994	18	5		1	2/22/01
049638-009A	C-3.6	Soil	2/19/01	2994	ND	5		1	2/22/01
049638-011A	C-4.15	Soil	2/19/01	2994	ND	5		1	2/22/01
049638-012A	C-4.3	Soil	2/19/01	2994	ND	5		1	2/22/01
049638-013A	C-4.6	Soil	2/19/01	2994	ND	5		1	2/22/01

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: RA

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *23-Feb-01*

CLIENT: PSI
Lab Order: 049638
Project: 592-IE010

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
049638-014A	C-5.15	Soil	2/19/01	2994	81	5		1	2/22/01
049638-016A	C-5.3	Soil	2/19/01	2994	9.8	5		1	2/22/01
049638-017A	C-5.6	Soil	2/19/01	2994	7.4	5		1	2/22/01
049638-018A	C-6.15	Soil	2/19/01	2994	9.6	5		1	2/22/01
049638-019A	C-6.3	Soil	2/19/01	2994	12	5		1	2/22/01
049638-020A	C-6.6	Soil	2/19/01	2994	ND	5		1	2/22/01
049638-021A	C-7.15	Soil	2/19/01	2994	ND	5		1	2/22/01
049638-022A	C-7.3	Soil	2/19/01	2994	ND	5		1	2/22/01
049638-023A	C-7.6	Soil	2/19/01	2995	ND	5		1	2/22/01
049638-025A	C-8.15	Soil	2/19/01	2995	95	5		1	2/22/01
049638-026A	C-8.3	Soil	2/19/01	2995	ND	5		1	2/22/01
049638-027A	C-8.6	Soil	2/19/01	2995	ND	5		1	2/22/01

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: RA

2

Advanced Technology Laboratories 1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *23-Feb-01*

CLIENT: PSI
Lab Order: 049638
Project: 592-1E010

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
049638-028A	C-9.15	Soil	2/19/01	2995	5.4	5		1	2/22/01
049638-029A	C-9.3	Soil	2/19/01	2995	ND	5		1	2/22/01
049638-030A	C-9.6	Soil	2/19/01	2995	ND	5		1	2/22/01
049638-031A	C-10.15	Soil	2/19/01	2995	ND	5		1	2/22/01
049638-032A	C-10.3	Soil	2/19/01	2995	ND	5		1	2/22/01

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: RA

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *23-Feb-01*

CLIENT: PSI
Lab Order: 049639
Project: 592-1E010

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
049639-001A	C-11.15	Soil	2/20/01	2997	9.2	5		1	2/22/01
049639-002A	C-11.3	Soil	2/20/01	2997	19	5		1	2/22/01
049639-003A	C-12.15	Soil	2/20/01	2997	ND	5		1	2/22/01
049639-004A	C-12.3	Soil	2/20/01	2997	ND	5		1	2/22/01
049639-005A	C-12.6	Soil	2/20/01	2997	ND	5		1	2/22/01
049639-006A	C-13.15	Soil	2/20/01	2997	180	5		1	2/22/01
049639-007A	C-13.3	Soil	2/20/01	2997	91	5		1	2/22/01
049639-008A	C-13.6	Soil	2/20/01	2997	38	5		1	2/22/01
049639-009A	C-14.15	Soil	2/20/01	2997	ND	5		1	2/22/01
049639-010A	C-14.3	Soil	2/20/01	2997	ND	5		1	2/22/01
049639-011A	C-14.6	Soil	2/20/01	2997	12	5		1	2/22/01
049639-012A	C-15.15	Soil	2/20/01	2997	460	5		1	2/22/01

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: RA

1

Advanced Technology Laboratories 1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *23-Feb-01*

CLIENT: PSI
Lab Order: 049639
Project: 592-IE010

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
049639-013A	C-15.3	Soil	2/20/01	2997	170	5		1	2/22/01
049639-015A	C-16.15	Soil	2/20/01	2997	ND	5		1	2/22/01
049639-016A	C-16.3	Soil	2/20/01	2997	ND	5		1	2/22/01
049639-017A	C-16.6	Soil	2/20/01	2997	ND	5		1	2/22/01
049639-018A	C-17.15	Soil	2/20/01	2997	ND	5		1	2/22/01
049639-019A	C-17.3	Soil	2/20/01	2997	ND	5		1	2/22/01
049639-020A	C-17.6	Soil	2/20/01	2997	ND	5		1	2/22/01
049639-021A	C-18.15	Soil	2/20/01	2997	ND	5		1	2/22/01
049639-022A	C-18.3	Soil	2/20/01	2998	ND	5		1	2/22/01
049639-023A	C-18.6	Soil	2/20/01	2998	ND	5		1	2/22/01
049639-024A	C-19.15	Soil	2/20/01	2998	11	5		1	2/22/01
049639-025A	C-19.3	Soil	2/20/01	2998	ND	5		1	2/22/01

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: RA

2

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *23-Feb-01*

CLIENT: PSI
Lab Order: 049639
Project: 592-IE010

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
049639-026A	C-19.6	Soil	2/20/01	2998	ND	5		1	2/22/01
049639-028A	C-20.15	Soil	2/20/01	2998	ND	5		1	2/22/01
049639-029A	C-20.3	Soil	2/20/01	2998	ND	5		1	2/22/01
049639-031A	C-20.6	Soil	2/20/01	2998	ND	5		1	2/22/01
049639-032A	C-21.15	Soil	2/20/01	2998	ND	5		1	2/22/01
049639-033A	C-21.3	Soil	2/20/01	2998	ND	5		1	2/22/01
049639-034A	C-21.6	Soil	2/20/01	2998	ND	5		1	2/22/01
049639-035A	C-22.15	Soil	2/20/01	2998	32	5		1	2/22/01
049639-036A	C-22.3	Soil	2/20/01	2998	5.3	5		1	2/22/01
049639-037A	C-22.6	Soil	2/20/01	2998	6.7	5		1	2/22/01

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: RA

Advanced Technology Laboratories 1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *3/23/01*

CLIENT: PSI
Lab Order: 049856
Project: 592-1E010
Lab ID: 049856-032A

Client Sample ID: C-93.6
Collection Date: 3/1/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ICP			**EPA 6010B**			Analyst: RQ
RunID: ICP3_010321F BatchID: 3437						PrepDate: 3/19/01
Lead	ND	5.0		mg/Kg	1	3/21/01

Qualifiers:
ND - Not Detected at the Reporting Limit
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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *02-Mar-01*

CLIENT: PSI
Lab Order: 049709
Project: 592-1ED10

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
049709-001A	C-23 .15 ft	Soil	2/21/01	3040	ND	5		1	2/27/01
049709-002A	C-23 .3 ft	Soil	2/21/01	3040	ND	5		1	2/27/01
049709-003A	C-23 .6 ft	Soil	2/21/01	3040	ND	5		1	2/27/01
049709-004A	C-24 .15 ft	Soil	2/21/01	3040	ND	5		1	2/27/01
049709-005A	C-24 .3 ft	Soil	2/21/01	3040	ND	5		1	2/27/01
049709-006A	C-24 .6 ft	Soil	2/21/01	3040	ND	5		1	2/27/01
049709-007A	C-25 .15 ft	Soil	2/21/01	3040	ND	5		1	2/27/01
049709-008A	C-25 .3 ft	Soil	2/21/01	3040	ND	5		1	2/27/01
049709-009A	C-25 .6 ft	Soil	2/21/01	3040	ND	5		1	2/27/01
049709-010A	C-26 .15 ft	Soil	2/21/01	3040	ND	5		1	2/27/01
049709-011A	C-26 .3 ft	Soil	2/21/01	3041	ND	5		1	2/27/01
049709-012A	C-26 .6 ft	Soil	2/21/01	3041	ND	5		1	2/27/01

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

Advanced Technology Laboratories

Print Date: *02-Mar-01*

CLIENT: PSI
Lab Order: 049709
Project: 592-1ED10

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
049709-013A	C-27 .15	Soil	2/21/01	3041	ND	5		1	2/27/01
049709-014A	C-27 .3	Soil	2/21/01	3041	ND	5		1	2/27/01
049709-015A	C-27 .6	Soil	2/21/01	3041	ND	5		1	2/27/01
049709-016A	C-28 .15	Soil	2/21/01	3041	8.9	5		1	2/27/01
049709-017A	C-28 .3	Soil	2/21/01	3041	ND	5		1	2/27/01
049709-018A	C-28 .6	Soil	2/21/01	3041	ND	5		1	2/27/01
049709-019A	C-29 .15	Soil	2/21/01	3041	23	5		1	2/27/01
049709-020A	C-29 .3	Soil	2/21/01	3041	ND	5		1	2/27/01
049709-021A	C-29 .6	Soil	2/21/01	3042	5.5	5		1	2/27/01
049709-022A	C-30 0.15	Soil	2/21/01	3042	19	5		1	2/27/01
049709-023A	C-30 0.3	Soil	2/21/01	3042	8.8	5		1	2/27/01
049709-024A	C-30 0.6	Soil	2/21/01	3042	ND	5		1	2/27/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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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: RA

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Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *02-Mar-01*

CLIENT: PSI
Lab Order: 049709
Project: 592-1ED10

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
049709-025A	C-31 0.15	Soil	2/21/01	3042	ND	5		1	2/27/01
049709-026A	C-31 0.3	Soil	2/21/01	3042	ND	5		1	2/27/01
049709-027A	C-31 0.6	Soil	2/21/01	3042	ND	5		1	2/27/01
049709-028A	C-32 0.15	Soil	2/21/01	3042	49	5		1	2/27/01
049709-029A	C-32 0.3	Soil	2/21/01	3042	35	5		1	2/27/01
049709-030A	C-32 0.6	Soil	2/21/01	3042	44	5		1	2/27/01
049709-031A	C-33 0.15	Soil	2/21/01	3043	17	5		1	2/27/01
049709-032A	C-33 0.3	Soil	2/21/01	3043	12	5		1	2/27/01
049709-033A	C-33 0.6	Soil	2/21/01	3043	25	5		1	2/27/01
049709-034A	C-34 0.15	Soil	2/21/01	3043	55	5		1	2/27/01
049709-035A	C-34 0.3	Soil	2/21/01	3043	73	5		1	2/27/01
049709-036A	C-34 0.6	Soil	2/21/01	3043	ND	5		1	2/27/01

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: RA

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *02-Mar-01*

CLIENT: PSI
Lab Order: 049709
Project: 592-1ED10

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
049709-037A	C-35 0.15	Soil	2/21/01	3043	ND	5		1	2/27/01
049709-038A	C-35 0.3	Soil	2/21/01	3043	ND	5		1	2/27/01
049709-039A	C-35 0.6	Soil	2/21/01	3043	11	5		1	2/27/01
049709-040A	C-36 0.15	Soil	2/21/01	3043	40	5		1	2/27/01
049709-041A	C-36 0.3	Soil	2/21/01	3045	51	5		1	2/27/01
049709-042A	C-37 0.15	Soil	2/21/01	3045	360	5		1	2/27/01
049709-043A	C-37 0.3	Soil	2/21/01	3045	36	5		1	2/27/01
049709-044A	C-37 0.6	Soil	2/21/01	3045	61	5		1	2/27/01
049709-045A	C-38 0.15	Soil	2/21/01	3045	9.8	5		1	2/27/01
049709-046A	C-38 0.3	Soil	2/21/01	3045	ND	5		1	2/27/01
049709-047A	C-38 0.6	Soil	2/21/01	3045	14	5		1	2/27/01
049709-048A	C-39 0.15	Soil	2/21/01	3045	9.8	5		1	2/27/01

Qualifiers:
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E - Value above quantitation range
M - Not Monitored, Highly Reactive

Initials: RA

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Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *02-Mar-01*

CLIENT: PSI
Lab Order: 049709
Project: 592-1ED10

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
049709-049A	C-39 0.3	Soil	2/21/01	3045	25	5		1	2/27/01
049709-050A	C-39 0.6	Soil	2/21/01	3045	76	5		1	2/27/01
049709-051A	C-40 .15	Soil	2/21/01	3046	130	5		1	2/27/01
049709-052A	C-40 .3	Soil	2/21/01	3046	55	5		1	2/27/01
049709-053A	C-40 .6	Soil	2/21/01	3046	24	5		1	2/27/01
049709-054A	C-41 .15	Soil	2/21/01	3046	ND	5		1	2/27/01
049709-055A	C-41 .3	Soil	2/21/01	3046	5.0	5		1	2/27/01
049709-056A	C-41 .6	Soil	2/21/01	3046	ND	5		1	2/27/01
049709-057A	C-42 .15	Soil	2/21/01	3046	31	5		1	2/27/01
049709-058A	C-42 .3	Soil	2/21/01	3046	ND	5		1	2/27/01
049709-059A	C-42 .6	Soil	2/21/01	3046	ND	5		1	2/27/01
049709-060A	C-43 .15	Soil	2/22/01	R6511	570	5		1	2/27/01

Qualifiers:
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E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

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Advanced Technology Laboratories 1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *02-Mar-01*

CLIENT: PSI
Lab Order: 049709
Project: 592-1ED10

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
049709-061A	C-43 .3	Soil	2/22/01	3047	26	5		1	2/27/01
049709-062A	C-44 .15	Soil	2/22/01	3047	110	5		1	2/27/01
049709-063A	C-44 .3	Soil	2/22/01	3047	8.2	5		1	2/27/01
049709-064A	C-44 .6	Soil	2/22/01	3047	21	5		1	2/27/01
049709-065A	C-45 .15	Soil	2/22/01	3047	ND	5		1	2/27/01
049709-066A	C-45 .3	Soil	2/22/01	3047	ND	5		1	2/27/01
049709-067A	C-45 .6	Soil	2/22/01	3047	ND	5		1	2/27/01
049709-068A	C-46 .15	Soil	2/22/01	3047	40	5		1	2/27/01
049709-069A	C-46 .3	Soil	2/22/01	3047	ND	5		1	2/27/01
049709-070A	C-46 .6	Soil	2/22/01	3047	30	5		1	2/27/01
049709-071A	C-47 .15	Soil	2/22/01	3048	190	5		1	2/27/01
049709-072A	C-47 .3	Soil	2/22/01	3048	5.3	5		1	2/27/01

Qualifiers:
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E - Value above quantitation range
M - Not Monitored Highly Reactive

Initials: RA

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Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *02-Mar-01*

CLIENT: PSI
Lab Order: 049709
Project: 592-1ED10

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
049709-073A	C-47 .6	Soil	2/22/01	3048	ND	5		1	2/27/01
049709-074A	C-48 .15	Soil	2/22/01	3048	120	5		1	2/27/01
049709-075A	C-48 .3	Soil	2/22/01	3048	140	5		1	2/27/01
049709-076A	C-49 .15	Soil	2/22/01	3048	10	5		1	2/27/01
049709-077A	C-49 .3	Soil	2/22/01	3048	ND	5		1	2/27/01
049709-078A	C-49 .6	Soil	2/22/01	3048	ND	5		1	2/27/01
049709-079A	C-50 0.15	Soil	2/22/01	3048	15	5		1	2/27/01
049709-080A	C-50 0.3	Soil	2/22/01	3048	5.5	5		1	2/27/01
049709-081A	C-50 0.6	Soil	2/22/01	3049	17	5		1	2/28/01
049709-082A	C-51 0.15	Soil	2/22/01	3049	210	5		1	2/28/01
049709-083A	C-51 0.3	Soil	2/22/01	3049	9.8	5		1	2/28/01
049709-084A	C-51 0.6	Soil	2/22/01	3049	14	5		1	2/28/01

Qualifiers:
ND - Not Detected at the Reporting Limit
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H - Samples exceeding analytical holding time
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M - Not Monitored. Highly Reactive

Initials: RA

Advanced Technology Laboratories 1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *02-Mar-01*

CLIENT: PSI
Lab Order: 049709
Project: 592-1ED10

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
049709-085A	C-52 0.15	Soil	2/22/01	3049	180	5		1	2/28/01
049709-086A	C-52 0.3	Soil	2/22/01	3049	ND	5		1	2/28/01
049709-087A	C-52 0.6	Soil	2/22/01	3049	37	5		1	2/28/01
049709-088A	C-53 0.15	Soil	2/22/01	3049	18	5		1	2/28/01
049709-089A	C-53 0.3	Soil	2/22/01	3049	ND	5		1	2/28/01
049709-090A	C-53 0.6	Soil	2/22/01	3049	ND	5		1	2/28/01
049709-091A	C-54 0.15	Soil	2/22/01	3050	15	5		1	2/28/01
049709-092A	C-54 0.3	Soil	2/22/01	3050	ND	5		1	2/28/01
049709-093A	C-55 0.15	Soil	2/22/01	3050	13	5		1	2/28/01
049709-094A	C-55 0.3	Soil	2/22/01	3050	35	5		1	2/28/01
049709-095A	C-55 0.6	Soil	2/22/01	3050	8.6	5		1	2/28/01
049709-096A	C-56 0.15	Soil	2/22/01	3050	97	5		1	2/28/01

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
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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored, Highly Reactive

Initials: RA

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *02-Mar-01*

CLIENT: PSI
Lab Order: 049709
Project: 592-1ED10

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
049709-097A	C-56 0.3	Soil	2/22/01	3050	16	5		1	2/28/01
049709-098A	C-56 0.6	Soil	2/22/01	3050	15	5		1	2/28/01
049709-099A	C-57 0.15	Soil	2/22/01	3050	28	5		1	2/28/01
049709-100A	C-57 0.3	Soil	2/22/01	3050	ND	5		1	2/28/01
049709-101A	C-57 0.6	Soil	2/22/01	3051	ND	5		1	2/28/01
049709-102A	C-58 0.15	Soil	2/22/01	3051	62	5		1	2/28/01
049709-103A	C-58 0.3	Soil	2/22/01	3051	ND	5		1	2/28/01
049709-104A	C-58 0.6	Soil	2/22/01	3051	ND	5		1	2/28/01
049709-105A	C-59 0.15	Soil	2/22/01	3051	8.7	5		1	2/28/01
049709-106A	C-59 0.3	Soil	2/22/01	3051	7.9	5		1	2/28/01
049709-107A	C-59 0.6	Soil	2/22/01	3051	ND	5		1	2/28/01
049709-108A	C-60 .15	Soil	2/22/01	3051	12	5		1	2/28/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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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: RA

Advanced Technology Laboratories 1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *02-Mar-01*

CLIENT: PSI
Lab Order: 049709
Project: 592-1ED10

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
049709-109A	C-60 .3	Soil	2/22/01	3051	ND	5		1	2/28/01
049709-110A	C-60 .6	Soil	2/22/01	3051	8.1	5		1	2/28/01
049709-111A	C-61 .15	Soil	2/22/01	3052	130	5		1	2/28/01
049709-112A	C-61 .3	Soil	2/22/01	3052	ND	5		1	2/28/01
049709-113A	C-61 .6	Soil	2/22/01	3052	ND	5		1	2/28/01
049709-114A	C-62 .15	Soil	2/22/01	3052	120	5		1	2/28/01
049709-115A	C-62 .3	Soil	2/22/01	3052	ND	5		1	2/28/01
049709-116A	C-62 .6	Soil	2/22/01	3052	ND	5		1	2/28/01
049709-117A	C-63 .15	Soil	2/22/01	3052	280	5		1	2/28/01
049709-118A	C-63 .3	Soil	2/22/01	3052	190	5		1	2/28/01
049709-119A	C-63 .6	Soil	2/22/01	3052	ND	5		1	2/28/01
049709-120A	C-64 .15	Soil	2/22/01	3052	ND	5		1	2/28/01

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
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Initials: RA

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *02-Mar-01*

CLIENT: PSI
Lab Order: 049709
Project: 592-1ED10

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
049709-121A	C-64 .3	Soil	2/22/01	3053	ND	5		1	2/28/01
049709-122A	C-64 .6	Soil	2/22/01	3053	ND	5		1	2/28/01
049709-123A	C-65 .15	Soil	2/22/01	3053	15	5		1	2/28/01
049709-124A	C-65 .3	Soil	2/22/01	3053	ND	5		1	2/28/01
049709-125A	C-65 .6	Soil	2/22/01	3053	ND	5		1	2/28/01
049709-126A	C-66 .15	Soil	2/22/01	3053	ND	5		1	2/28/01
049709-127A	C-66 .3	Soil	2/22/01	3053	ND	5		1	2/28/01
049709-128A	C-66 .6	Soil	2/22/01	3053	81	5		1	2/28/01
049709-129A	C-67 .15	Soil	2/22/01	3053	14	5		1	2/28/01
049709-130A	C-67 .3	Soil	2/22/01	3053	14	5		1	2/28/01
049709-131A	C-67 .6	Soil	2/22/01	3054	9.3	5		1	2/28/01
049709-132A	C-68 .15	Soil	2/22/01	3054	7.5	5		1	2/28/01

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: RA

11

Advanced Technology Laboratories 1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *02-Mar-01*

CLIENT: PSI
Lab Order: 049709
Project: 592-1E.D10

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
049709-133A	C-68 .3	Soil	2/22/01	3054	ND	5		1	2/28/01
049709-134A	C-68 .6	Soil	2/22/01	3054	6.0	5		1	2/28/01
049709-135A	C-69 .15	Soil	2/22/01	3054	7.8	5		1	2/28/01
049709-136A	C-69 .3	Soil	2/22/01	3054	ND	5		1	2/28/01
049709-137A	C-69 .6	Soil	2/22/01	3054	ND	5		1	2/28/01
049709-138A	C-70 .15	Soil	2/22/01	3054	190	5		1	2/28/01
049709-139A	C-70 .3	Soil	2/22/01	3054	5.0	5		1	2/28/01
049709-140A	C-70 .6	Soil	2/22/01	3054	ND	5		1	2/28/01
049709-141A	C-71 .15	Soil	2/22/01	3055	6.5	5		1	2/28/01
049709-142A	C-71 .3	Soil	2/22/01	3055	ND	5		1	2/28/01
049709-143A	C-71 .6	Soil	2/22/01	3055	ND	5		1	2/28/01
049709-144A	C-72 .15	Soil	2/22/01	3055	24	5		1	2/28/01

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: RA

12

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *02-Mar-01*

CLIENT: PSI
Lab Order: 049709
Project: 592-1ED10

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
049709-145A	C-72 .3	Soil	2/22/01	3055	ND	5		1	2/28/01
049709-146A	C-72 .6	Soil	2/22/01	3055	ND	5		1	2/28/01
049709-147A	C-73 .15	Soil	2/22/01	3055	260	5		1	2/28/01
049709-148A	C-73 .3	Soil	2/22/01	3055	ND	5		1	2/28/01
049709-149A	C-73 .6	Soil	2/22/01	3055	ND	5		1	2/28/01
049709-150A	C-74 .15	Soil	2/22/01	3055	42	5		1	2/28/01
049709-151A	C-74 .3	Soil	2/22/01	3056	17	5		1	2/28/01
049709-152A	C-74 .6	Soil	2/22/01	3056	ND	5		1	2/28/01
049709-153A	C-75 .15	Soil	2/22/01	3056	ND	5		1	2/28/01
049709-154A	C-75 .3	Soil	2/22/01	3056	18	5		1	2/28/01
049709-155A	C-75 .6	Soil	2/22/01	3056	ND	5		1	2/28/01
049709-156A	C-76 .15	Soil	2/22/01	3056	140	5		1	2/28/01

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: RA

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *02-Mar-01*

CLIENT: PSI
Lab Order: 049709
Project: 592-1ED10

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
049709-157A	C-76 .3	Soil	2/22/01	3056	ND	5		1	2/28/01
049709-158A	C-76 .6	Soil	2/22/01	3056	ND	5		1	2/28/01
049709-159A	C-77 .15	Soil	2/22/01	3056	ND	5		1	2/28/01
049709-160A	C-77 .3	Soil	2/22/01	3056	ND	5		1	2/28/01
049709-161A	C-77 .6	Soil	2/22/01	3057	ND	5		1	2/28/01
049709-162A	C-78 .15	Soil	2/22/01	3057	ND	5		1	2/28/01
049709-163A	C-78 .3	Soil	2/22/01	3057	ND	5		1	2/28/01
049709-164A	C-78 .6	Soil	2/22/01	3057	ND	5		1	2/28/01
049709-165A	C-80 .15	Soil	2/22/01	3057	ND	5		1	2/28/01
049709-166A	C-80 .3	Soil	2/22/01	3057	ND	5		1	2/28/01

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: RA

14

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *16-Mar-01*

CLIENT: PSI
Lab Order: 049856
Project: 592-1E010

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
049856-001A	C-83.3 ✓	Soil	3/1/01	3274	12	5		1	3/13/01
049856-002A	C-83.6 ✓	Soil	3/1/01	3274	ND	5		1	3/13/01
049856-003A	C-84.15 ✓	Soil	3/1/01	3274	ND	5		1	3/13/01
049856-004A	C-84.3 ✓	Soil	3/1/01	3275	ND	5		1	3/13/01
049856-005A	C-84.6 ✓	Soil	3/1/01	3275	ND	5		1	3/13/01
049856-006A	C-85.15 ✓	Soil	3/1/01	3275	ND	5		1	3/13/01
049856-007A	C-85.3 ✓	Soil	3/1/01	3275	ND	5		1	3/13/01
049856-008A	C-85.6 ✓	Soil	3/1/01	3275	ND	5		1	3/13/01
049856-010A	C-90.15 ✓	Soil	3/1/01	3275	200	5		1	3/13/01
049856-011A	C-79.15 ✓	Soil	3/1/01	3275	15	5		1	3/13/01
049856-012A	C-79.3 ✓	Soil	3/1/01	3275	ND	5		1	3/13/01
049856-013A	C-79.6 ✓	Soil	3/1/01	3275	ND	5		1	3/13/01

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: RA

1

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *16-Mar-01*

CLIENT: PSI
Lab Order: 049856
Project: 592-1E010

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
049856-014A	C-81.15 ✓	Soil	3/1/01	3275	6.8	5		1	3/13/01
049856-015A	C-81.3 ✓	Soil	3/1/01	3276	ND	5		1	3/13/01
049856-016A	C-81.6 ✓	Soil	3/1/01	3276	ND	5		1	3/13/01
049856-017A	C-82.15 ✓	Soil	3/1/01	3276	11	5		1	3/13/01
049856-018A	C-82.3 ✓	Soil	3/1/01	3276	17	5		1	3/13/01
049856-019A	C-82.6 ✓	Soil	3/1/01	3276	12	5		1	3/13/01
049856-020A	C-83.15 ✓	Soil	3/1/01	3276	14	5		1	3/13/01
049856-021A	C-90.3 ✓	Soil	3/1/01	3276	8.6	5		1	3/13/01
049856-022A	C-90.6 ✓	Soil	3/1/01	3276	ND	5		1	3/13/01
049856-024A	C-91.15 ✓	Soil	3/1/01	3276	ND	5		1	3/13/01
049856-025A	C-91.3 ✓	Soil	3/1/01	3276	6.9	5		1	3/13/01
049856-026A	C-91.6 ✓	Soil	3/1/01	3277	ND	5		1	3/15/01

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: RA

2

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *16-Mar-01*

CLIENT: PSI
Lab Order: 049856
Project: 592-1E010

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
049856-027A	C-92.15 ✓	Soil	3/1/01	3277	130	5		1	3/15/01
049856-028A	C-92.3 ✓	Soil	3/1/01	3277	ND	5		1	3/15/01
049856-029A	C-92.6 ✓	Soil	3/1/01	3277	ND	5		1	3/15/01
049856-030A	C-93.15 ✓	Soil	3/1/01	3277	ND	5		1	3/15/01
049856-031A	C-93.3 ✓	Soil	3/1/01	3277	ND	5		1	3/15/01
049856-033A	C-94.15 ✓	Soil	3/1/01	3277	9.5	5		1	3/15/01
049856-034A	C-94.3 ✓	Soil	3/1/01	3277	ND	5		1	3/15/01
049856-035A	C-94.6 ✓	Soil	3/1/01	3277	ND	5		1	3/15/01
049856-036A	C-95.15 ✓	Soil	3/1/01	3278	250	5		1	3/15/01
049856-037A	C-95.3 ✓	Soil	3/1/01	3278	620	5		1	3/15/01
049856-038A	C-95.6 ✓	Soil	3/1/01	3278	560	5		1	3/15/01
049856-040A	C-96.15 ✓	Soil	3/1/01	3278	ND	5		1	3/15/01

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: RA

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *16-Mar-01*

CLIENT: PSI
Lab Order: 049856
Project: 592-1E010

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
049856-041A	C-96.3 ✓	Soil	3/1/01	3278	ND	5		1	3/15/01
049856-042A	C-96.6 ✓	Soil	3/1/01	3278	ND	5		1	3/15/01
049856-043A	C-97.15 ✓	Soil	3/1/01	3278	7.5	5		1	3/15/01
049856-044A	C-97.3 ✓	Soil	3/1/01	3278	44	5		1	3/15/01
049856-045A	C-97.6 ✓	Soil	3/1/01	3278	12	5		1	3/15/01
049856-046A	C-98.15 ✓	Soil	3/1/01	3278	68	5		1	3/15/01
049856-047A	C-98.3 ✓	Soil	3/1/01	3279	61	5		1	3/14/01
049856-048A	C-99.15 ✓	Soil	3/1/01	3279	49	5		1	3/14/01
049856-049A	C-99.3 ✓	Soil	3/1/01	3279	ND	5		1	3/14/01
049856-050A	C-99.6 ✓	Soil	3/1/01	3279	ND	5		1	3/14/01
049856-051A	C-86.15 ✓	Soil	3/1/01	3279	ND	5		1	3/14/01
049856-052A	C-86.3 ✓	Soil	3/1/01	3279	5.1	5		1	3/14/01

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: RA

4

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *16-Mar-01*

CLIENT:	PSI	Test No:	EPA 6010B
Lab Order:	049856	Units:	mg/Kg
Project:	592-1E010	Analyst:	RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
049856-053A	C-86.6 ✓	Soil	3/1/01	3279	ND	5		1	3/14/01
049856-054A	C-87.15 ✓	Soil	3/1/01	3279	7.9	5		1	3/14/01
049856-055A	C-87.3 ✓	Soil	3/1/01	3279	ND	5		1	3/14/01
049856-056A	C-87.6 ✓	Soil	3/1/01	3279	ND	5		1	3/14/01
049856-057A	C-88.15 ✓	Soil	3/1/01	3280	8.8	5		1	3/14/01
049856-058A	C-88.3 ✓	Soil	3/1/01	3280	ND	5		1	3/14/01
049856-059A	C-88.6 ✓	Soil	3/1/01	3280	ND	5		1	3/14/01
049856-060A	C-89.15 ✓	Soil	3/1/01	3280	ND	5		1	3/14/01
049856-061A	C-89.3 ✓	Soil	3/1/01	3280	5.7	5		1	3/14/01
049856-062A	C-100.15 ✓	Soil	3/1/01	3280	ND	5		1	3/14/01
049856-063A	C-100.3 ✓	Soil	3/1/01	3280	ND	5		1	3/14/01
049856-064A	C-100.6 ✓	Soil	3/1/01	3280	9.9	5		1	3/14/01

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: RA

5

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *16-Mar-01*

CLIENT: PSI
Lab Order: 049856
Project: 592-1E010

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
049856-065A	C-101.15 ✓	Soil	3/1/01	3280	64	5		1	3/14/01
049856-066A	C-101.3 ✓	Soil	3/1/01	3280	35	5		1	3/14/01
049856-067A	C-101.6 ✓	Soil	3/1/01	3282	31	5		1	3/14/01
049856-068A	C-102.15 ✓	Soil	3/1/01	3282	ND	5		1	3/14/01
049856-069A	C-102.3 ✓	Soil	3/1/01	3282	ND	5		1	3/14/01
049856-070A	C-102.6 ✓	Soil	3/1/01	3282	5.2	5		1	3/14/01
049856-071A	C-103.15 ✓	Soil	3/1/01	3282	ND	5		1	3/14/01
049856-072A	C-103.3 ✓	Soil	3/1/01	3282	ND	5		1	3/14/01
049856-073A	C-103.6 ✓	Soil	3/1/01	3282	ND	5		1	3/14/01
049856-074A	C-104.15 ✓	Soil	3/1/01	3282	ND	5		1	3/14/01
049856-075A	C-104.3 ✓	Soil	3/1/01	3282	ND	5		1	3/14/01
049856-076A	C-104.6 ✓	Soil	3/1/01	3282	ND	5		1	3/14/01

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: RA

6

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *16-Mar-01*

CLIENT: PSI
Lab Order: 049856
Project: 592-1E010

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
049856-077A	C-105.15 ✓	Soil	3/1/01	3350	540	5		1	3/14/01
049856-078A	C-105.3 ✓	Soil	3/1/01	3350	91	5		1	3/14/01
049856-080A	C-106.15 ✓	Soil	3/1/01	3350	ND	5		1	3/14/01
049856-081A	C-106.3 ✓	Soil	3/1/01	3350	ND	5		1	3/14/01
049856-082A	C-106.6 ✓	Soil	3/1/01	3350	ND	5		1	3/14/01
049856-083A	C-107.15 ✓	Soil	3/1/01	3350	ND	5		1	3/14/01
049856-084A	C-107.3 ✓	Soil	3/1/01	3350	ND	5		1	3/14/01
049856-085A	C-107.6 ✓	Soil	3/1/01	3350	ND	5		1	3/15/01

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: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *16-Mar-01*

CLIENT: PSI
Lab Order: 049935
Project: 592-JE010

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
049935-001A	C-108 (.15M) ✓	Soil	3/2/01	3372	5.9	5		1	3/14/01
049935-002A	C-108 (.3M) ✓	Soil	3/2/01	3372	ND	5		1	3/14/01
049935-003A	C-108 (.6M) ✓	Soil	3/2/01	3372	ND	5		1	3/14/01
049935-004A	C-109 (.15M) ✓	Soil	3/2/01	3372	ND	5		1	3/14/01
049935-005A	C-109 (.3) ✓	Soil	3/2/01	3372	ND	5		1	3/14/01
049935-006A	C-109 (.6M) ✓	Soil	3/2/01	3372	ND	5		1	3/14/01
049935-007A	C-110 (.15M) ✓	Soil	3/2/01	3372	ND	5		1	3/14/01
049935-008A	C-110 (.3) ✓	Soil	3/2/01	3372	ND	5		1	3/14/01
049935-009A	C-110 (.6) ✓	Soil	3/2/01	3372	ND	5		1	3/14/01
049935-011A	C-111 (.15M) ✓	Soil	3/2/01	3372	10	5		1	3/14/01
049935-012A	C-111 (.3M) ✓	Soil	3/2/01	3372	ND	5		1	3/14/01
049935-013A	C-111 (.6M) ✓	Soil	3/2/01	3372	ND	5		1	3/14/01

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: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *16-Mar-01*

CLIENT: PSI
Lab Order: 049935
Project: 592-IE010

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
049935-014A	C-112 (.15) ✓	Soil	3/2/01	3372	14	5		1	3/14/01
049935-015A	C-112 (.3M) ✓	Soil	3/2/01	3372	ND	5		1	3/14/01
049935-016A	C-112 (.6M) ✓	Soil	3/2/01	3372	ND	5		1	3/14/01
049935-017A	C-113 (.15M) ✓	Soil	3/2/01	3372	21	5		1	3/14/01
049935-018A	C-113 (.3M) ✓	Soil	3/2/01	3372	ND	5		1	3/14/01
049935-019A	C-114 (.15M) ✓	Soil	3/2/01	3372	ND	5		1	3/14/01
049935-020A	C-114 (.3M) ✓	Soil	3/2/01	3372	ND	5		1	3/14/01
049935-021A	C-114 (.6M) ✓	Soil	3/2/01	3372	26	5		1	3/14/01
049935-022A	C-115 (.15M) ✓	Soil	3/2/01	3373	50	5		1	3/14/01
049935-023A	C-115 (.3M) ✓	Soil	3/2/01	3373	ND	5		1	3/14/01
049935-024A	C-115 (.6M) ✓	Soil	3/2/01	3373	ND	5		1	3/14/01
049935-026A	C-116 (.15M) ✓	Soil	3/2/01	3373	ND	5		1	3/14/01

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: RA

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *16-Mar-01*

CLIENT: PSI
Lab Order: 049935
Project: 592-IE010

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
049935-027A	C-116 (.3M) ✓	Soil	3/2/01	3373	ND	5		1	3/14/01
049935-028A	C-116 (.6M) ✓	Soil	3/2/01	3373	61	5		1	3/14/01
049935-029A	C-117 (.15M) ✓	Soil	3/2/01	3373	ND	5		1	3/14/01
049935-030A	C-117 (.3M) ✓	Soil	3/2/01	3373	ND	5		1	3/14/01
049935-031A	C-117 (.6M) ✓	Soil	3/2/01	3373	ND	5		1	3/14/01
049935-032A	C-118 (.15M) ✓	Soil	3/2/01	3373	ND	5		1	3/14/01
049935-033A	C-118 (.3M) ✓	Soil	3/2/01	3373	ND	5		1	3/14/01
049935-034A	C-118 (.6M) ✓	Soil	3/2/01	3373	ND	5		1	3/14/01
049935-035A	C-119 (.15M) ✓	Soil	3/2/01	3373	5.0	5		1	3/14/01
049935-036A	C-119 (.3M) ✓	Soil	3/2/01	3373	ND	5		1	3/14/01
049935-037A	C-119 (.6M) ✓	Soil	3/2/01	3373	ND	5		1	3/14/01
049935-039A	C-120 (.15M) ✓	Soil	3/2/01	3373	ND	5		1	3/14/01

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: RA

3

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *16-Mar-01*

CLIENT: PSI
Lab Order: 049935
Project: 592-IE010

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
049935-040A	C-120 (.3M) ✓	Soil	3/2/01	3373	55	5		1	3/14/01
049935-041A	C-120 (.6M) ✓	Soil	3/2/01	3373	ND	5		1	3/14/01
049935-042A	C-121 (.15) ✓	Soil	3/2/01	3373	51	5		1	3/14/01
049935-043A	C-121 (.3M) ✓	Soil	3/2/01	3373	ND	5		1	3/14/01
049935-044A	C-121 (.6M) ✓	Soil	3/2/01	3384	ND	5		1	3/14/01
049935-045A	C-122 (.15M) ✓	Soil	3/2/01	3384	120	5		1	3/14/01
049935-046A	C-122 (.3M) ✓	Soil	3/2/01	3384	5.2	5		1	3/14/01
049935-047A	C-122 (.6M) ✓	Soil	3/2/01	3384	12	5		1	3/14/01
049935-048A	C-123 (.15M) ✓	Soil	3/2/01	3384	6.5	5		1	3/14/01
049935-049A	C-123 (.3M) ✓	Soil	3/2/01	3384	ND	5		1	3/14/01
049935-050A	C-123 (.6M) ✓	Soil	3/2/01	3384	ND	5		1	3/14/01
049935-051A	C-124 (.15M) ✓	Soil	3/2/01	3384	43	5		1	3/14/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
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H - Samples exceeding analytical holding time
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Initials: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *16-Mar-01*

CLIENT: PSI
Lab Order: 049935
Project: 592-IE010

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
049935-052A	C-124 (.3M) ✓	Soil	3/2/01	3384	7.9	5		1	3/14/01
049935-053A	C-124 (.6M) ✓	Soil	3/2/01	3384	ND	5		1	3/14/01
049935-055A	C-125 (.15M) ✓	Soil	3/2/01	3384	13	5		1	3/14/01
049935-056A	C-125 (.3M) ✓	Soil	3/2/01	3384	ND	5		1	3/14/01
049935-057A	C-125 (.6M) ✓	Soil	3/2/01	3384	71	5		1	3/14/01
049935-058A	C-126 (.15M) ✓	Soil	3/2/01	3384	33	5		1	3/14/01
049935-059A	C-126 (.3M) ✓	Soil	3/2/01	3384	ND	5		1	3/14/01
049935-060A	C-126 (.6M) ✓	Soil	3/2/01	3384	ND	5		1	3/14/01
049935-061A	C-127 (.15M) ✓	Soil	3/2/01	3384	7.5	5		1	3/14/01
049935-062A	C-127 (.3M) ✓	Soil	3/2/01	3384	ND	5		1	3/14/01
049935-063A	C-127 (.6M) ✓	Soil	3/2/01	3384	ND	5		1	3/14/01
049935-064A	C-128 (.15M) ✓	Soil	3/2/01	3384	ND	5		1	3/14/01

Qualifiers:
ND - Not Detected at the Reporting Limit
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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
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Initials: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *16-Mar-01*

CLIENT: PSI
Lab Order: 049935
Project: 592-IE010

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
049935-065A	C-128 (.3M) ✓	Soil	3/2/01	3385	55	5		1	3/15/01
049935-066A	C-128 (.6M) ✓	Soil	3/2/01	3385	ND	5		1	3/15/01
049935-067A	C-129 (.15M) ✓	Soil	3/2/01	3385	6.1	5		1	3/15/01
049935-068A	C-129 (.3M) ✓	Soil	3/2/01	3385	40	5		1	3/15/01
049935-069A	C-129 (.6M) ✓	Soil	3/2/01	3385	ND	5		1	3/15/01
049935-071A	C-130 (.15M) ✓	Soil	3/2/01	3385	ND	5		1	3/15/01
049935-072A	C-130 (.3M) ✓	Soil	3/2/01	3385	16	5		1	3/15/01
049935-073A	C-130 (.6M) ✓	Soil	3/2/01	3385	13	5		1	3/15/01
049935-074A	C-131 (.15M) ✓	Soil	3/2/01	3385	19	5		1	3/15/01
049935-075A	C-131 (.3M) ✓	Soil	3/2/01	3385	ND	5		1	3/15/01
049935-076A	C-131 (.6M) ✓	Soil	3/2/01	3385	110	5		1	3/15/01
049935-077A	C-132 (.15M) ✓	Soil	3/2/01	3385	7.1	5		1	3/15/01

Qualifiers:
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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

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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: *16-Mar-01*

CLIENT: PSI
Lab Order: 049935
Project: 592-IE010

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
049935-078A	C-132 (.3M) ✓	Soil	3/2/01	3385	ND	5		1	3/15/01
049935-079A	C-132 (.6M) ✓	Soil	3/2/01	3385	95	5		1	3/15/01
049935-080A	C-133 (.15M) ✓	Soil	3/2/01	3385	48	5		1	3/15/01
049935-081A	C-133 (.3M) ✓	Soil	3/2/01	3385	ND	5		1	3/15/01
049935-082A	C-133 (.6M) ✓	Soil	3/2/01	3385	ND	5		1	3/15/01
049935-083A	C-134 (.15M) ✓	Soil	3/2/01	3385	21	5		1	3/15/01
049935-084A	C-134 (.3M) ✓	Soil	3/2/01	3385	ND	5		1	3/15/01
049935-085A	C-134 (.6M) ✓	Soil	3/2/01	3385	ND	5		1	3/15/01
049935-086A	C-135 (.15M) ✓	Soil	3/2/01	3386	14	5		1	3/15/01
049935-087A	C-135 (.3M) ✓	Soil	3/2/01	3386	ND	5		1	3/15/01
049935-088A	C-135 (.6M) ✓	Soil	3/2/01	3386	ND	5		1	3/15/01
049935-089A	C-136 (.15M) ✓	Soil	3/2/01	3386	5.9	5		1	3/15/01

Qualifiers:
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J - Analyte detected below quantitation limits
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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
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Initials: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *16-Mar-01*

CLIENT: PSI
Lab Order: 049935
Project: 592-IE010

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
049935-090A	C-136 (.3M) ✓	Soil	3/2/01	3386	ND	5		1	3/15/01
049935-091A	C-136 (.6M) ✓	Soil	3/2/01	3386	ND	5		1	3/15/01
049935-092A	C-137 (.15M) ✓	Soil	3/2/01	3386	18	5		1	3/15/01
049935-093A	C-137 (.3M) ✓	Soil	3/2/01	3386	ND	5		1	3/15/01
049935-094A	C-137 (.6M) ✓	Soil	3/2/01	3386	ND	5		1	3/15/01
049935-095A	C-138 (.15M) ✓	Soil	3/2/01	3386	ND	5		1	3/15/01
049935-096A	C-138 (.3M) ✓	Soil	3/2/01	3386	ND	5		1	3/15/01
049935-097A	C-138 (.6M) ✓	Soil	3/2/01	3386	ND	5		1	3/15/01
049935-098A	C-139 (.15M) ✓	Soil	3/2/01	3386	ND	5		1	3/15/01
049935-099A	C-139 (.3M) ✓	Soil	3/2/01	3386	ND	5		1	3/15/01
049935-100A	C-139 (.6M) ✓	Soil	3/2/01	3386	ND	5		1	3/15/01
049935-101A	C-140 (.15M) ✓	Soil	3/2/01	3386	ND	5		1	3/15/01

Qualifiers:
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B - Analyte detected in the associated Method Blank
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E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

8

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *16-Mar-01*

CLIENT: PSI
Lab Order: 049935
Project: 592-IE010

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
049935-102A	C-140 (.3M) √	Soil	3/2/01	3386	ND	5		1	3/15/01
049935-103A	C-140 (.6M) √	Soil	3/2/01	3386	ND	5		1	3/15/01

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: RA

9

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *22-Mar-01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans

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
050058-001A	C-141-(.15M)	Soil	3/9/01	3432	1100	5		1	3/21/01
050058-002A	C-141-(.3M)	Soil	3/9/01	3432	ND	5		1	3/21/01
050058-003A	C-141-(.6M)	Soil	3/9/01	3432	ND	5		1	3/21/01
050058-004A	C-142-(.15M)	Soil	3/9/01	3432	ND	5		1	3/21/01
050058-005A	C-142-(.3M)	Soil	3/9/01	3432	ND	5		1	3/21/01
050058-006A	C-142-(.6M)	Soil	3/9/01	3432	ND	5		1	3/21/01
050058-007A	C-143-(.15M)	Soil	3/9/01	3432	ND	5		1	3/21/01
050058-008A	C-143-(.3M)	Soil	3/9/01	3432	ND	5		1	3/21/01
050058-009A	C-143-(.6M)	Soil	3/9/01	3432	ND	5		1	3/21/01
050058-010A	C-144-(.15M)	Soil	3/9/01	3432	110	5		1	3/21/01
050058-011A	C-144-(.3M)	Soil	3/9/01	3432	5.9	5		1	3/21/01
050058-012A	C-144-(.6M)	Soil	3/9/01	3432	ND	5		1	3/21/01

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: RA

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *22-Mar-01*

CLIENT:	PSI	Test No:	EPA 6010B
Lab Order:	050058	Units:	mg/Kg
Project:	592-1E0101/Caltrans	Analyst:	RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
050058-013A	C-145-(.15M)	Soil	3/9/01	3432	ND	5		1	3/21/01
050058-014A	C-145-(.3M)	Soil	3/9/01	3432	ND	5		1	3/21/01
050058-015A	C-145-(.6M)	Soil	3/9/01	3432	ND	5		1	3/21/01
050058-017A	C-146-(.15M)	Soil	3/9/01	3432	ND	5		1	3/21/01
050058-018A	C-146-(.3M)	Soil	3/9/01	3432	ND	5		1	3/21/01
050058-019A	C-146-(.6M)	Soil	3/9/01	3432	ND	5		1	3/21/01
050058-020A	D-1-(.15M)	Soil	3/9/01	3432	170	5		1	3/21/01
050058-021A	D-1-(.3M)	Soil	3/9/01	3433	ND	5		1	3/21/01
050058-022A	D-1-(.6M)	Soil	3/9/01	3433	300	5		1	3/21/01
050058-023A	D-2-(.15M)	Soil	3/9/01	3433	1000	5		1	3/21/01
050058-024A	D-2-(.3M)	Soil	3/9/01	3433	ND	5		1	3/21/01
050058-025A	D-2-(.6M)	Soil	3/9/01	3433	ND	5		1	3/21/01

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: RA

2

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *22-Mar-01*

CLIENT:	PSI	**Test No:**	EPA 6010B
Lab Order:	050058	**Units:**	mg/Kg
Project:	592-IE0101/Caltrans	**Analyst:**	RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
050058-026A	D-3-(.5M)	Soil	3/9/01	3433	41	5		1	3/21/01
050058-027A	D-3-(.3M)	Soil	3/9/01	3433	ND	5		1	3/21/01
050058-028A	D-3-(.6M)	Soil	3/9/01	3433	ND	5		1	3/21/01
050058-029A	D-4-(.15M)	Soil	3/9/01	3433	36	5		1	3/21/01
050058-030A	D-4-(.3M)	Soil	3/9/01	3433	16	5		1	3/21/01
050058-031A	D-4-(.6M)	Soil	3/9/01	3433	31	5		1	3/21/01
050058-032A	D-5-(.15M)	Soil	3/9/01	3433	ND	5		1	3/21/01
050058-033A	D-5-(.3M)	Soil	3/9/01	3433	ND	5		1	3/21/01
050058-034A	D-5-(.6M)	Soil	3/9/01	3433	ND	5		1	3/21/01
050058-035A	D-6-(.15M)	Soil	3/9/01	3433	5.6	5		1	3/21/01
050058-036A	D-6-(.3M)	Soil	3/9/01	3433	7.2	5		1	3/21/01
050058-037A	D-6-(.6M)	Soil	3/9/01	3433	ND	5		1	3/21/01

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: RA

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *22-Mar-01*

CLIENT: PSI
Lab Order: 050058
Project: 592-1E0101/Caltrans

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
050058-038A	D-7-(.15M)	Soil	3/9/01	3433	ND	5		1	3/21/01
050058-039A	D-7-(.3M)	Soil	3/9/01	3433	11	5		1	3/21/01
050058-040A	D-7-(.6M)	Soil	3/9/01	3433	11	5		1	3/21/01
050058-041A	D-8-(.15M)	Soil	3/9/01	3434	6.7	5		1	3/21/01
050058-042A	D-8-(.3M)	Soil	3/9/01	3434	5.0	5		1	3/21/01
050058-043A	D-8-(.6M)	Soil	3/9/01	3434	ND	5		1	3/21/01
050058-044A	D-9-(.15M)	Soil	3/9/01	3434	12	5		1	3/21/01
050058-045A	D-9-(.3M)	Soil	3/9/01	3434	ND	5		1	3/21/01
050058-046A	D-9-(.6M)	Soil	3/9/01	3434	ND	5		1	3/21/01
050058-047A	D-10-(.15M)	Soil	3/9/01	3434	ND	5		1	3/21/01
050058-048A	D-10-(.3M)	Soil	3/9/01	3434	ND	5		1	3/21/01
050058-049A	D-10-(.6M)	Soil	3/9/01	3434	ND	5		1	3/21/01

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: RA

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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: *22-Mar-01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans

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
050058-051A	D-11-(.15M)	Soil	3/9/01	3434	280	5		1	3/21/01
050058-052A	D-11-(.3M)	Soil	3/9/01	3434	ND	5		1	3/21/01
050058-053A	D-11-(.6M)	Soil	3/9/01	3434	ND	5		1	3/21/01
050058-054A	D-12-(.15M)	Soil	3/9/01	3434	41	5		1	3/21/01
050058-055A	D-12-(.3M)	Soil	3/9/01	3434	57	5		1	3/21/01
050058-056A	D-12-(.6M)	Soil	3/9/01	3434	120	5		1	3/21/01
050058-057A	D-13-(.15M)	Soil	3/9/01	3434	350	5		1	3/21/01
050058-058A	D-13-(.3M)	Soil	3/9/01	3434	ND	5		1	3/21/01
050058-059A	D-13-(.6M)	Soil	3/9/01	3434	22	5		1	3/21/01
050058-060A	D-14-(.15M)	Soil	3/9/01	3434	ND	5		1	3/21/01
050058-061A	D-14-(.3M)	Soil	3/9/01	3434	ND	5		1	3/21/01
050058-062A	D-14-(.6M)	Soil	3/9/01	3435	16	5		1	3/21/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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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: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *22-Mar-01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans

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
050058-063A	D-15-(.15M)	Soil	3/9/01	3435	950	5		1	3/21/01
050058-064A	D-15-(.3M)	Soil	3/9/01	3435	25	5		1	3/21/01
050058-066A	D-16-(.15M)	Soil	3/9/01	3435	89	5		1	3/21/01
050058-067A	D-16-(.3M)	Soil	3/9/01	3435	5.3	5		1	3/21/01
050058-068A	D-16-(.6M)	Soil	3/9/01	3435	56	5		1	3/21/01
050058-069A	D-17-(.15M)	Soil	3/9/01	3435	ND	5		1	3/21/01
050058-070A	D-17-(.3M)	Soil	3/9/01	3435	ND	5		1	3/21/01
050058-071A	D-17-(.6M)	Soil	3/9/01	3435	19	5		1	3/21/01
050058-072A	D-18-(.15M)	Soil	3/12/01	3435	ND	5		1	3/21/01
050058-073A	D-18-(.3M)	Soil	3/12/01	3435	ND	5		1	3/21/01
050058-074A	D-18-(.6M)	Soil	3/12/01	3435	10	5		1	3/21/01
050058-075A	D-19-(.15M)	Soil	3/12/01	3435	ND	5		1	3/21/01

Qualifiers:
ND - Not Detected at the Reporting Limit
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DO - Surrogate Diluted Out
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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

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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: *22-Mar-01*

CLIENT:	PSI	**Test No:**	EPA 6010B
Lab Order:	050058	**Units:**	mg/Kg
Project:	592-1E0101/Caltrans	**Analyst:**	RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
050058-076A	D-19-(.3M)	Soil	3/12/01	3435	ND	5		1	3/21/01
050058-077A	D-19-(.6M)	Soil	3/12/01	3435	ND	5		1	3/21/01
050058-078A	D-20-(.15M)	Soil	3/12/01	3435	11	5		1	3/21/01
050058-079A	D-20-(.3M)	Soil	3/12/01	3435	5.7	5		1	3/21/01
050058-080A	D-20-(.6M)	Soil	3/12/01	3435	130	5		1	3/21/01
050058-082A	D-21-(.15M)	Soil	3/12/01	3435	5.0	5		1	3/21/01
050058-083A	D-21-(.3M)	Soil	3/12/01	3435	ND	5		1	3/21/01
050058-084A	D-21-(.6M)	Soil	3/12/01	3436	ND	5		1	3/21/01
050058-085A	D-22-(.15M)	Soil	3/12/01	3436	26	5		1	3/21/01
050058-086A	D-22-(.3M)	Soil	3/12/01	3436	34	5		1	3/21/01
050058-087A	D-22-(.6M)	Soil	3/12/01	3436	6.5	5		1	3/21/01
050058-088A	D-23-(.15M)	Soil	3/12/01	3436	2900	5		1	3/21/01

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: RA

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *22-Mar-01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans

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
050058-089A	D-23-(.3M)	Soil	3/12/01	3436	130	5		1	3/21/01
050058-090A	D-23-(.6M)	Soil	3/12/01	3436	ND	5		1	3/21/01
050058-091A	D-24-(.15M)	Soil	3/12/01	3436	14	5		1	3/21/01
050058-092A	D-24-(.3M)	Soil	3/12/01	3436	14	5		1	3/21/01
050058-093A	D-24-(.6M)	Soil	3/12/01	3436	190	5		1	3/21/01
050058-094A	D-25-(.15M)	Soil	3/12/01	3436	240	5		1	3/21/01
050058-095A	D-25-(.3M)	Soil	3/12/01	3436	54	5		1	3/21/01
050058-096A	D-25-(.6M)	Soil	3/12/01	3436	16	5		1	3/21/01
050058-097A	D-26-(.15M)	Soil	3/12/01	3436	22	5		1	3/21/01
050058-098A	D-26-(.3M)	Soil	3/12/01	3436	ND	5		1	3/21/01
050058-099A	D-26-(.6M)	Soil	3/12/01	3436	ND	5		1	3/21/01
050058-100A	D-27-(.15M)	Soil	3/12/01	3436	17	5		1	3/21/01

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: RA

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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: *22-Mar-01*

CLIENT:	PSI	**Test No:**	EPA 6010B
Lab Order:	050058	**Units:**	mg/Kg
Project:	592-IE0101/Caltrans	**Analyst:**	RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
050058-101A	D-27-(.3M)	Soil	3/12/01	3436	22	5		1	3/21/01
050058-102A	D-27-(.6M)	Soil	3/12/01	3436	ND	5		1	3/21/01
050058-103A	D-28-(.15M)	Soil	3/12/01	3436	18	5		1	3/21/01
050058-104A	D-28-(.3M)	Soil	3/12/01	3437	16	5		1	3/21/01
050058-105A	D-28-(.6M)	Soil	3/12/01	3437	11	5		1	3/21/01
050058-106A	D-29-(.15M)	Soil	3/12/01	3437	45	5		1	3/21/01
050058-107A	D-29-(.3M)	Soil	3/12/01	3437	52	5		1	3/21/01
050058-108A	D-29-(.6M)	Soil	3/12/01	3437	15	5		1	3/21/01
050058-110A	D-30-(.15M)	Soil	3/12/01	3437	7.2	5		1	3/21/01
050058-111A	D-30-(.3M)	Soil	3/12/01	3437	27	5		1	3/21/01
050058-112A	D-30-(.6M)	Soil	3/12/01	3437	ND	5		1	3/21/01
050058-113A	D-31-(.15M)	Soil	3/12/01	3437	11	5		1	3/21/01

Qualifiers:
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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: KA

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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: *22-Mar-01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans

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
050058-114A	D-31-(.3M)	Soil	3/12/01	3437	ND	5		1	3/21/01
050058-115A	D-31-(.6M)	Soil	3/12/01	3437	42	5		1	3/21/01
050058-116A	D-32-(.15M)	Soil	3/12/01	3437	17	5		1	3/21/01
050058-117A	D-32-(.3M)	Soil	3/12/01	3437	13	5		1	3/21/01
050058-118A	D-32-(.6M)	Soil	3/12/01	3437	14	5		1	3/21/01
050058-119A	D-33-(.15M)	Soil	3/12/01	3437	24	5		1	3/21/01
050058-120A	D-33-(.3M)	Soil	3/12/01	3437	37	5		1	3/21/01
050058-121A	D-33-(.6M)	Soil	3/12/01	3437	ND	5		1	3/21/01
050058-122A	D-34-(.15M)	Soil	3/12/01	3437	ND	5		1	3/21/01
050058-123A	D-34-(.3M)	Soil	3/12/01	3437	11	5		1	3/21/01
050058-124A	D-34-(.6M)	Soil	3/12/01	3437	ND	5		1	3/21/01

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

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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
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *02-Mar-01*

QC SUMMARY REPORT

Method Blank

CLIENT: PSI
Work Order: 049709
Project: 592-1ED10

Sample ID MB-3040 Batch ID: 3040 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
MBLK SeqNo: 101956

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

Sample ID MB-3041 Batch ID: 3041 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
MBLK SeqNo: 101970

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

Sample ID MB-3042 Batch ID: 3042 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
MBLK SeqNo: 101988

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

Sample ID MB-3043 Batch ID: 3043 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
MBLK SeqNo: 102002

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

Sample ID MB-3045 Batch ID: 3045 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
MBLK SeqNo: 102015

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

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: PSI
Work Order: 049709
Project: 592-1ED10

QC SUMMARY REPORT
Method Blank

Sample ID MB-3046 Batch ID: 3046 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
MBLK SeqNo: 102032

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

Sample ID MB-3048 Batch ID: 3048 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
MBLK SeqNo: 102046

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

Sample ID MB-3047 Batch ID: 3047 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
MBLK SeqNo: 102128

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

Sample ID MB-3049 Batch ID: 3049 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
MBLK SeqNo: 102639

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

Sample ID MB-3050 Batch ID: 3050 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
MBLK SeqNo: 102653

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

Qualifiers: ND - Not Detected at the Reporting Limit
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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: RA

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: PSI
Work Order: 049709
Project: 592-IED10

QC SUMMARY REPORT
Method Blank

Sample ID MB-3051 Batch ID: 3051 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
MBLK SeqNo: 102666

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

Sample ID MB-3052 Batch ID: 3052 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
MBLK SeqNo: 102680

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

Sample ID MB-3053 Batch ID: 3053 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
MBLK SeqNo: 102693

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

Sample ID MBLK-3054 Batch ID: 3054 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date:
MBLK SeqNo: 102932

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

Sample ID MB-3055 Batch ID: 3055 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
MBLK SeqNo: 102945

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

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: RA

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: PSI
Work Order: 049709
Project: 592-1ED10

QC SUMMARY REPORT
Method Blank

Sample ID MB-3056 Batch ID: 3056 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
MBLK SeqNo: 102959

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

Sample ID MB-3057 Batch ID: 3057 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
MBLK SeqNo: 102969

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

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: RA

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *02-Mar-01*

CLIENT: PSI
Work Order: 049709
Project: 592-1ED10

QC SUMMARY REPORT

Sample Duplicate

Sample ID 049709-010A Batch ID: 3040 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
DUP SeqNo: 101952

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.57	5.0	0	0	0	0	0	2.645	3	30	J

Sample ID 049709-020A Batch ID: 3041 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
DUP SeqNo: 101966

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.885	5.0	0	0	0	0	0	1.94	3	30	J

Sample ID 049709-030A Batch ID: 3042 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
DUP SeqNo: 101985

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	28.12	5.0	0	0	0	0	0	44.33	45	30	R

Sample ID 049709-040A Batch ID: 3043 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
DUP SeqNo: 101998

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	79.62	5.0	0	0	0	0	0	40.05	66	30	R

Sample ID 049709-050A Batch ID: 3045 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
DUP SeqNo: 102012

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	78.11	5.0	0	0	0	0	0	76.27	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: RA

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: PSI
Work Order: 049709
Project: 592-1ED10

QC SUMMARY REPORT

Sample Duplicate

Sample ID 049709-060A DUP | Batch ID: 3046 | Test Name LEAD BY ICP | Units mg/Kg | Analysis Date: 2/27/01 | Prep Date: 2/26/01 | SeqNo: 102028

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	529	5.0	0	0	0	0	0	566.9	7	30	

Sample ID 049709-080A DUP | Batch ID: 3048 | Test Name LEAD BY ICP | Units mg/Kg | Analysis Date: 2/27/01 | Prep Date: 2/26/01 | SeqNo: 102042

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.004	5.0	0	0	0	0	0	5.466	9	30	

Sample ID 049709-070A DUP | Batch ID: 3047 | Test Name LEAD BY ICP | Units mg/Kg | Analysis Date: 2/27/01 | Prep Date: 2/26/01 | SeqNo: 102125

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	27.55	5.0	0	0	0	0	0	29.92	8	30	

Sample ID 049709-090A DUP | Batch ID: 3049 | Test Name LEAD BY ICP | Units mg/Kg | Analysis Date: 2/28/01 | Prep Date: 2/26/01 | SeqNo: 102636

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.195	5.0	0	0	0	0	0	1.3	8	30	J

Sample ID 049709-100A DUP | Batch ID: 3050 | Test Name LEAD BY ICP | Units mg/Kg | Analysis Date: 2/28/01 | Prep Date: 2/26/01 | SeqNo: 102649

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.67	5.0	0	0	0	0	0	0.775	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

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CLIENT: PSI
Work Order: 049709
Project: 592-1ED10

QC SUMMARY REPORT

Sample Duplicate

Sample ID 049709-110A Batch ID: 3051 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
DUP SeqNo: 102663

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.656	5.0	0	0	0	0	0	8.13	36	30	R

Sample ID 049709-120A Batch ID: 3052 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
DUP SeqNo: 102676

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	8.309	5.0	0	0	0	0	0	3.17	90	30	R

Sample ID 049709-130A Batch ID: 3053 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
DUP SeqNo: 102690

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	12.78	5.0	0	0	0	0	0	14.49	13	30	

Sample ID 049709-140A Batch ID: 3054 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
DUP SeqNo: 102928

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.005	5.0	0	0	0	0	0	2.55	24	30	J

Sample ID 049709-150A Batch ID: 3055 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
DUP SeqNo: 102942

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	36.91	5.0	0	0	0	0	0	41.74	12	30	

Qualifiers: ND - Not Detected at the Reporting Limit
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QC SUMMARY REPORT
Sample Duplicate

Sample ID 049709-160A Batch ID: 3056 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
DUP SeqNo: 102955

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.432	5.0	0	0	0	0	0	0.4845	11	30	J

Sample ID 049709-166A Batch ID: 3057 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
DUP SeqNo: 102965

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.02	5.0	0	0	0	0	0	0.4355	80	30	JR

Sample ID 049709-094a Batch ID: R6563 Test Name pH Units pH Uni Analysis Date: 3/1/01 Prep Date: 3/1/01
DUP SeqNo: 102755

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	4.86	0.10	0	0	0	0	0	4.9	1	20	

Sample ID 049709-154a Batch ID: R6564 Test Name pH Units pH Uni Analysis Date: 3/1/01 Prep Date: 3/1/01
DUP SeqNo: 102762

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	5.72	0.10	0	0	0	0	0	5.7	0	20	

Qualifiers: ND - Not Detected at the Reporting Limit
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Date: *02-Mar-01*

CLIENT: PSI
Work Order: 049709
Project: 592-1ED10

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID 049709-010A Batch ID: 3040 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
MS SeqNo: 101953

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	147.9	5.0	250	2.645	58	47	128	0			

Sample ID 049709-020A Batch ID: 3041 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
MS SeqNo: 101967

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	152.9	5.0	250	1.94	60	47	128	0			

Sample ID 049709-020A Batch ID: 3041 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
MSD SeqNo: 101968

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	166.5	5.0	250	1.94	66	47	128	152.9	8	20	

Sample ID 049709-030A Batch ID: 3042 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
MS SeqNo: 101986

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	218.5	5.0	250	44.33	70	47	128	0			

Sample ID 049709-040A Batch ID: 3043 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
MS SeqNo: 101999

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	209.3	5.0	250	40.05	68	47	128	0			

Qualifiers: ND - Not Detected at the Reporting Limit
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M - Not Monitored. Highly Reactive
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DO - Surrogate Diluted Out

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QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID 049709-040A Batch ID: 3043 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
MSD SeqNo: 102000

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	202	5.0	250	40.05	65	47	128	209.3	4	20	

Sample ID 049709-050A Batch ID: 3045 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
MS SeqNo: 102013

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	191.4	5.0	250	76.27	46	47	128	0			S

Sample ID 049709-060A Batch ID: 3046 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
MS SeqNo: 102029

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	608.3	5.0	250	566.9	17	47	128	0			S

Sample ID 049709-060A Batch ID: R6511 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
MSD SeqNo: 102031

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	637.4	5.0	250	566.9	28	47	128	608.3	5	20	S

Sample ID 049709-080A Batch ID: 3048 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
MS SeqNo: 102043

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	155.5	5.0	250	5.466	60	47	128	0			

Qualifiers: ND - Not Detected at the Reporting Limit
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Work Order: 049709
Project: 592-1ED10

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID 049709-080A Batch ID: 3048 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
MSD SeqNo: 102044

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	164.9	5.0	250	5.466	64	47	128	155.5	6	20	

Sample ID 049709-070A Batch ID: 3047 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/27/01 Prep Date: 2/26/01
MS SeqNo: 102126

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	151.6	5.0	250	29.92	49	47	128	0			

Sample ID 049709-090A Batch ID: 3049 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
MS SeqNo: 102637

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	165.5	5.0	250	1.3	66	47	128	0			

Sample ID 049709-100A Batch ID: 3050 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
MS SeqNo: 102650

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	148.3	5.0	250	0.775	59	47	128	0			

Sample ID 049709-100A Batch ID: 3050 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
MSD SeqNo: 102651

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	157.6	5.0	250	0.775	63	47	128	148.3	6	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
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Project: 592-1ED10

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID 049709-110A Batch ID: 3051 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
MS SeqNo: 102664

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	221.7	5.0	250	8.13	85	47	128	0			

Sample ID 049709-120A Batch ID: 3052 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
MS SeqNo: 102677

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	225.1	5.0	250	3.17	89	47	128	0			

Sample ID 049709-120A Batch ID: 3052 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
MSD SeqNo: 102678

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	209.3	5.0	250	3.17	82	47	128	225.1	7	20	

Sample ID 049709-130A Batch ID: 3053 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
MS SeqNo: 102691

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	188.5	5.0	250	14.49	70	47	128	0			

Sample ID 049709-140A Batch ID: 3054 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
MS SeqNo: 102929

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	180.4	5.0	250	2.55	71	47	128	0			

Qualifiers: ND - Not Detected at the Reporting Limit
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CLIENT: PSI
Work Order: 049709
Project: 592-LED10

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID 049709-140A Batch ID: 3054 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
SeqNo: 102930
MSD

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	209.1	5.0	250	2.55	83	47	128	180.4	15	20	

Sample ID 049709-160A Batch ID: 3055 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
SeqNo: 102943
MS

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	199.7	5.0	250	41.74	63	47	128	0			

Sample ID 049709-160A Batch ID: 3056 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
SeqNo: 102956
MS

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	155.9	5.0	250	0.4845	62	47	128	0			

Sample ID 049709-160A Batch ID: 3056 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
SeqNo: 102957
MSD

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	147.9	5.0	250	0.4845	59	47	128	155.9	5	20	

Sample ID 049709-166A Batch ID: 3057 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
SeqNo: 102966
MS

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	151.3	5.0	250	0.4355	60	47	128	0			

Qualifiers: ND - Not Detected at the Reporting Limit
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CLIENT: PSI
Work Order: 049709
Project: 592-1ED10

QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID 049709-166A Batch ID: 3057 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 2/28/01 Prep Date: 2/26/01
MSD SeqNo: 102967

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	138.9	5.0	250	0.4355	55	47	128	151.3	9	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
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Date: *02-Mar-01*

QC SUMMARY REPORT

Laboratory Control Spike - generic

CLIENT: PSI
Work Order: 049709
Project: 592-1ED10

Sample ID **LCS-3040** Batch ID: 3040 Test Name LEAD BY ICP Units mg/Kg Analysis Date: **2/27/01** Prep Date: **2/26/01**

LCS SeqNo: **101955**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	239	5.0	250	0.334	95	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
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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

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Advanced Technology Laboratories

CLIENT: PSI
Work Order: 049935
Project: 592-IE010

Date: *16-Mar-01*

QC SUMMARY REPORT

Method Blank

Sample ID MB-3372 Batch ID: 3372 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/14/01 Prep Date: 3/13/01
MBLK SeqNo: 109436

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

Sample ID MB-3373 Batch ID: 3373 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/14/01 Prep Date: 3/13/01
MBLK SeqNo: 109463

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

Sample ID MB-3384 Batch ID: 3384 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/14/01 Prep Date: 3/14/01
MBLK SeqNo: 109490

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

Sample ID MB-3385 Batch ID: 3385 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/15/01 Prep Date: 3/14/01
MBLK SeqNo: 109548

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

Sample ID MB-3386 Batch ID: 3386 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/15/01 Prep Date: 3/14/01
MBLK SeqNo: 109583

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

Qualifiers:
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Date: *16-Mar-01*

CLIENT: PSI
Work Order: 049935
Project: 592-IE010

QC SUMMARY REPORT
Sample Duplicate

Sample ID 049935-011A DUP — Batch ID: 3372 — Test Name LEAD BY ICP — Units mg/Kg — Analysis Date: 3/14/01 — Prep Date: 3/13/01 — SeqNo: 109419

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	10.73	5.0	0	0	0	0	0	10.37	3	30	

Sample ID 049935-021A DUP — Batch ID: 3372 — Test Name LEAD BY ICP — Units mg/Kg — Analysis Date: 3/14/01 — Prep Date: 3/13/01 — SeqNo: 109432

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	15.17	5.0	0	0	0	0	0	26.02	53	30	R

Sample ID 049935-032A DUP — Batch ID: 3373 — Test Name LEAD BY ICP — Units mg/Kg — Analysis Date: 3/14/01 — Prep Date: 3/13/01 — SeqNo: 109446

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.775	5.0	0	0	0	0	0	3.735	29	30	J

Sample ID 049935-043A DUP — Batch ID: 3373 — Test Name LEAD BY ICP — Units mg/Kg — Analysis Date: 3/14/01 — Prep Date: 3/13/01 — SeqNo: 109459

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.365	5.0	0	0	0	0	0	2.26	64	30	JR

Sample ID 049935-053A DUP — Batch ID: 3384 — Test Name LEAD BY ICP — Units mg/Kg — Analysis Date: 3/14/01 — Prep Date: 3/14/01 — SeqNo: 109473

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.64	5.0	0	0	0	0	0	1.04	45	30	JR

Qualifiers:
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CLIENT: PSI
Work Order: 049935
Project: 592-IE010

QC SUMMARY REPORT

Sample Duplicate

Sample ID 049935-064A DUP — Batch ID: 3384 — Test Name LEAD BY ICP — Units mg/Kg — Analysis Date: 3/14/01 — Prep Date: 3/14/01 — SeqNo: 109486

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.955	5.0	0	0	0	0	0	3.405	54	30	JR

Sample ID 049935-075A DUP — Batch ID: 3385 — Test Name LEAD BY ICP — Units mg/Kg — Analysis Date: 3/15/01 — Prep Date: 3/14/01 — SeqNo: 109531

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.782	5.0	0	0	0	0	0	1.92	100	30	R

Sample ID 049935-085A DUP — Batch ID: 3385 — Test Name LEAD BY ICP — Units mg/Kg — Analysis Date: 3/15/01 — Prep Date: 3/14/01 — SeqNo: 109544

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.07	5.0	0	0	0	0	0	1.245	15	30	J

Sample ID 049935-095A DUP — Batch ID: 3386 — Test Name LEAD BY ICP — Units mg/Kg — Analysis Date: 3/15/01 — Prep Date: 3/14/01 — SeqNo: 109567

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3.242	5.0	0	0	0	0	0	3.425	5	30	J

Sample ID 049935-103A DUP — Batch ID: 3386 — Test Name LEAD BY ICP — Units mg/Kg — Analysis Date: 3/15/01 — Prep Date: 3/14/01 — SeqNo: 109579

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3.662	5.0	0	0	0	0	0	4.448	19	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: RA

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CLIENT: PSI
Work Order: 049935
Project: 592-IE010

QC SUMMARY REPORT

Sample Duplicate

Sample ID 049935-100a Batch ID: R6981 Test Name pH Units pH Uni Analysis Date: 3/14/01 Prep Date: 3/14/01
DUP SeqNo: 108785

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	6.99	0.10	0	0	0	0	0	7.37	5	20	

Qualifiers:
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CLIENT: PSI
Work Order: 049935
Project: 592-IE010

Date: *16-Mar-01*

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID 049935-011A Batch ID: 3372 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/14/01 Prep Date: 3/13/01
MS SeqNo: 109420

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	362.5	5.0	500	10.37	70	47	128	0			

Sample ID 049935-021A Batch ID: 3372 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/14/01 Prep Date: 3/13/01
MS SeqNo: 109433

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	416.5	5.0	500	26.02	78	47	128	0			

Sample ID 049935-032A Batch ID: 3373 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/14/01 Prep Date: 3/13/01
MS SeqNo: 109447

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	308.1	5.0	500	3.735	61	47	128	0			

Sample ID 049935-043A Batch ID: 3373 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/14/01 Prep Date: 3/13/01
MS SeqNo: 109460

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	311	5.0	500	2.26	62	47	128	0			

Sample ID 049935-053A Batch ID: 3384 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/14/01 Prep Date: 3/14/01
MS SeqNo: 109474

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	301.2	5.0	500	1.04	60	47	128	0			

Qualifiers:
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DO - Surrogate Diluted Out

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CLIENT: PSI
Work Order: 049935
Project: 592-IE010

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID 049935-064A Batch ID: 3384 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/14/01 Prep Date: 3/14/01
MS SeqNo: 109487

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	347.1	5.0	500	3.405	69	47	128	0			

Sample ID 049935-075A Batch ID: 3385 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/15/01 Prep Date: 3/14/01
MS SeqNo: 109532

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	440.8	5.0	500	1.92	88	47	128	0			

Sample ID 049935-085A Batch ID: 3385 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/15/01 Prep Date: 3/14/01
MS SeqNo: 109545

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	321.8	5.0	500	1.245	64	47	128	0			

Sample ID 049935-095A Batch ID: 3386 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/15/01 Prep Date: 3/14/01
MS SeqNo: 109568

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	230.1	5.0	250	3.425	91	47	128	0			

Sample ID 049935-103A Batch ID: 3386 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/15/01 Prep Date: 3/14/01
MS SeqNo: 109580

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	229.6	5.0	250	4.448	90	47	128	0			

Qualifiers: ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

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Advanced Technology Laboratories

CLIENT: PSI
Work Order: 049935
Project: 592-IE010

Date: *16-Mar-01*

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID LCS-3372 Batch ID: 3372 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/14/01 Prep Date: 3/13/01
LCS SeqNo: 109435

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	248	5.0	250	0	99	80	120	0			

Sample ID LCS-3373 Batch ID: 3373 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/14/01 Prep Date: 3/13/01
LCS SeqNo: 109462

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	257	5.0	250	0.1205	103	80	120	0			

Sample ID LCS-3384 Batch ID: 3384 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/14/01 Prep Date: 3/14/01
LCS SeqNo: 109489

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	259	5.0	250	0.056	104	80	120	0			

Sample ID LCS-3385 Batch ID: 3385 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/15/01 Prep Date: 3/14/01
LCS SeqNo: 109547

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	255.3	5.0	250	0.325	102	80	120	0			

Sample ID LCS-3386 Batch ID: 3386 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/15/01 Prep Date: 3/14/01
LCS SeqNo: 109582

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	246.5	5.0	250	0.3765	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
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Advanced Technology Laboratories

Date: *16-Mar-01*

CLIENT: PSI
Work Order: 049856
Project: 592-1E010

QC SUMMARY REPORT

Method Blank

Sample ID MB-3274 Batch ID: 3274 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/13/01 Prep Date: 3/8/01
MBLK SeqNo: 108910

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

Sample ID MB-3275 Batch ID: 3275 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/13/01 Prep Date: 3/8/01
MBLK SeqNo: 108923

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

Sample ID MB-3276 Batch ID: 3276 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/13/01 Prep Date: 3/8/01
MBLK SeqNo: 108938

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

Sample ID MB-3279 Batch ID: 3279 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/14/01 Prep Date: 3/8/01
MBLK SeqNo: 108951

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

Sample ID MB-3280 Batch ID: 3280 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/14/01 Prep Date: 3/8/01
MBLK SeqNo: 108966

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

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

Initials: RA

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CLIENT: PSI
Work Order: 049856
Project: 592-1E010

QC SUMMARY REPORT
Method Blank

Sample ID MB-3282 Batch ID: 3282 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/14/01 Prep Date: 3/8/01
MBLK SeqNo: 108979

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

Sample ID MB-3350 Batch ID: 3350 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/14/01 Prep Date: 3/12/01
MBLK SeqNo: 108992

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

Sample ID MB-3277 Batch ID: 3277 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/15/01 Prep Date: 3/8/01
MBLK SeqNo: 109502

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

Sample ID MB-3278 Batch ID: 3278 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/15/01 Prep Date:
MBLK SeqNo: 109521

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

Qualifiers:
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Advanced Technology Laboratories

Date: *16-Mar-01*

CLIENT: PSI
Work Order: 049856
Project: 592-1E010

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID 049856-003A Batch ID: 3274 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/13/01 Prep Date: 3/8/01
MS SeqNo: 108906

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	182.1	5.0	250	2.55	72	47	128	0			

Sample ID 049856-014A Batch ID: 3275 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/13/01 Prep Date: 3/8/01
MS SeqNo: 108921

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	154.2	5.0	250	6.802	59	47	128	0			

Sample ID 049856-025A Batch ID: 3276 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/13/01 Prep Date: 3/8/01
MS SeqNo: 108934

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	205.9	5.0	250	6.936	80	47	128	0			

Sample ID 049856-056A Batch ID: 3279 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/14/01 Prep Date: 3/8/01
MS SeqNo: 108949

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	357.2	5.0	250	0.625	143	47	128	0			S

Sample ID 049856-066A Batch ID: 3280 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/14/01 Prep Date: 3/8/01
MS SeqNo: 108962

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	379.4	5.0	500	35.23	69	47	128	0			

Qualifiers: ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits
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Initials: KA

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CLIENT: PSI
Work Order: 049856
Project: 592-1E010

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID 049856-076A Batch ID: 3282 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/14/01 Prep Date: 3/8/01
MS SeqNo: 108977

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	276.9	5.0	250	0.76	110	47	128	0			

Sample ID 049856-033A Batch ID: 3277 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/15/01 Prep Date: 3/8/01
MS SeqNo: 109498

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	181.8	5.0	250	9.49	69	47	128	0			

Sample ID 049856-046A Batch ID: 3278 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/15/01 Prep Date: 3/8/01
MS SeqNo: 109517

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	260.9	5.0	250	67.78	77	47	128	0			

Sample ID 049856-085A Batch ID: 3350 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/15/01 Prep Date: 3/12/01
MS SeqNo: 109616

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	209.4	5.0	250	1.295	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
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Advanced Technology Laboratories

Date: *16-Mar-01*

CLIENT: PSI
Work Order: 049856
Project: 592-1E010

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID LCS-3274 Batch ID: 3274 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/13/01 Prep Date: 3/8/01
LCS SeqNo: 108909

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	237.1	5.0	250	0.2465	95	80	120	0			

Sample ID LCS-3276 Batch ID: 3276 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/13/01 Prep Date: 3/8/01
LCS SeqNo: 108937

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	232.5	5.0	250	0.3055	93	80	120	0			

Sample ID LCS-3280 Batch ID: 3280 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/14/01 Prep Date: 3/8/01
LCS SeqNo: 108965

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	251.5	5.0	250	0.1605	101	80	120	0			

Sample ID LCS-3350 Batch ID: 3350 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/14/01 Prep Date: 3/12/01
LCS SeqNo: 108991

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	248.4	5.0	250	0.0925	99	80	120	0			

Sample ID LCS-3278 Batch ID: 3278 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/15/01 Prep Date: 3/8/01
LCS SeqNo: 109520

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	249.7	5.0	250	0	100	80	120	0			

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

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Advanced Technology Laboratories

Date: 22-Mar-01

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT
Method Blank

Sample ID MB-3432 Batch ID: 3432 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
MBLK SeqNo: 111286

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

Sample ID MB-3433 Batch ID: 3433 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
MBLK SeqNo: 111337

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

Sample ID MB-3434 Batch ID: 3434 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
MBLK SeqNo: 111365

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

Sample ID MB-3435 Batch ID: 3435 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
MBLK SeqNo: 111407

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

Sample ID MB-3436 Batch ID: 3436 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
MBLK SeqNo: 111434

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

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

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CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT
Method Blank

Sample ID MB-3437 Batch ID: 3437 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
MBLK SeqNo: 111473

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

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Advanced Technology Laboratories

Date: *22-Mar-01*

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT
Sample Duplicate

Sample ID 050058-010A Batch ID: 3432 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
DUP SeqNo: 111296

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	130.9	5.0	0	0	0	0	0	110.6	17	30	

Sample ID 050058-020A Batch ID: 3432 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
DUP SeqNo: 111308

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	150.6	5.0	0	0	0	0	0	167	10	30	

Sample ID 050058-030A Batch ID: 3433 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
DUP SeqNo: 111320

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	14.03	5.0	0	0	0	0	0	15.6	11	30	

Sample ID 050058-040A Batch ID: 3433 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
DUP SeqNo: 111333

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	11.55	5.0	0	0	0	0	0	10.76	7	30	

Sample ID 050058-051A Batch ID: 3434 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
DUP SeqNo: 111348

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	244.1	5.0	0	0	0	0	0	284.1	15	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: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT

Sample Duplicate

Sample ID 050058-061A Batch ID: 3434 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
DUP SeqNo: 111361

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3.745	5.0	0	0	0	0	0	3.49	7	30	J

Sample ID 050058-072A Batch ID: 3435 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
DUP SeqNo: 111390

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.805	5.0	0	0	0	0	0	3.895	33	30	JR

Sample ID 050058-083A Batch ID: 3435 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
DUP SeqNo: 111403

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4	5.0	0	0	0	0	0	3.465	14	30	J

Sample ID 050058-093A Batch ID: 3436 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
DUP SeqNo: 111417

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	140.8	5.0	0	0	0	0	0	194.8	32	30	R

Sample ID 050058-103A Batch ID: 3436 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
DUP SeqNo: 111430

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	27.03	5.0	0	0	0	0	0	17.86	41	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: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT

Sample Duplicate

Sample ID 050058-114A DUP | Batch ID: 3437 | Test Name LEAD BY ICP | Units mg/Kg | Analysis Date: 3/21/01 | Prep Date: 3/19/01 | SeqNo: 111455

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.536	5.0	0	0	0	0	0	4.145	29	30	

Sample ID 050058-124A DUP | Batch ID: 3437 | Test Name LEAD BY ICP | Units mg/Kg | Analysis Date: 3/21/01 | Prep Date: 3/19/01 | SeqNo: 111469

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.33	5.0	0	0	0	0	0	1.985	16	30	J

Sample ID 050058-102a DUP | Batch ID: R7074 | Test Name pH | Units pH Uni | Analysis Date: 3/16/01 | Prep Date: 3/16/01 | SeqNo: 110070

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	8.21	0.10	0	0	0	0	0	8.71	6	20	

Sample ID 050058-117a DUP | Batch ID: R7075 | Test Name pH | Units pH Uni | Analysis Date: 3/16/01 | Prep Date: 3/16/01 | SeqNo: 110073

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	9.1	0.10	0	0	0	0	0	8.77	4	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: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *22-Mar-01*

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID 050058-010A Batch ID: 3432 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
MS SeqNo: 111297

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	318.1	5.0	250	110.6	83	47	128	0			

Sample ID 050058-020A Batch ID: 3432 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
MS SeqNo: 111309

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	355.3	5.0	250	167	75	47	128	0			

Sample ID 050058-030A Batch ID: 3433 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
MS SeqNo: 111321

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	208.8	5.0	250	15.6	77	47	128	0			

Sample ID 050058-040A Batch ID: 3433 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
MS SeqNo: 111334

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	181.5	5.0	250	10.76	68	47	128	0			

Sample ID 050058-051A Batch ID: 3434 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
MS SeqNo: 111349

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	443.4	5.0	250	284.1	64	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: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID 050058-061A Batch ID: 3434 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
MS SeqNo: 111362

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	154.6	5.0	250	3.49	60	47	128	0			

Sample ID 050058-072A Batch ID: 3435 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
MS SeqNo: 111391

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	156.5	5.0	250	3.895	61	47	128	0			

Sample ID 050058-083A Batch ID: 3435 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
MS SeqNo: 111404

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	157.4	5.0	250	3.465	62	47	128	0			

Sample ID 050058-093A Batch ID: 3436 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
MS SeqNo: 111418

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	329.2	5.0	250	194.8	54	47	128	0			

Sample ID 050058-103A Batch ID: 3436 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
MS SeqNo: 111431

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	177.4	5.0	250	17.86	64	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: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: PSI
Work Order: 050058
Project: 592-1E0101/Caltrans

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID 050058-114A Batch ID: 3437 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
MS SeqNo: 111456

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	158.3	5.0	250	4.145	62	47	128	0			

Sample ID 050058-124A Batch ID: 3437 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
MS SeqNo: 111470

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	174.7	5.0	250	1.985	69	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: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *22-Mar-01*

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID LCS-3432 Batch ID: 3432 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
LCS SeqNo: 111285

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	242.4	5.0	250	0.114	97	80	120	0			

Sample ID LCS-3433 Batch ID: 3433 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
LCS SeqNo: 111336

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	231.9	5.0	250	0.39	93	80	120	0			

Sample ID LCS-3434 Batch ID: 3434 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
LCS SeqNo: 111364

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	258.7	5.0	250	0.695	103	80	120	0			

Sample ID LCS-3435 Batch ID: 3435 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
LCS SeqNo: 111406

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	232.2	5.0	250	0.2965	93	80	120	0			

Sample ID LCS-3436 Batch ID: 3436 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01
LCS SeqNo: 111433

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	214.9	5.0	250	2.355	85	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: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID LCS-3437 Batch ID: 3437 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01

LCS SeqNo: 111472

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	239.6	5.0	250	0.194	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: RA

CHAIN OF CUSTODY FORM

Client Name/Address:
PSF
6867 Nancy Ridge Dr., #E
San Diego, CA 92121

Project/PO Number: 592-1E010

Project Manager: Ryan Marcus

Phone Number: 858 455-0544

Sampler: Bill Felix

Fax Number: 858 455-1170

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	USEPA 6010 Pb Only									Special Instructions
C-1.15	Soil	Glass Jar	1	2/19/01 0910	None	X									12-c
C-1.3				0920		X									
C-1.6				0924		X									
C-2.15				0935		X									
C-2.3				0940		X									
C-2.6				0943		X									
C-3.15				0950		X									
C-3.3				0957		X									
C-3.6				1004		X									
Dup #1				1013											Hold
C-4.15				1015		X									
C-4.3				1019		X									
C-4.6				1022		X									
C-5.15				1033		X									

Analysis Required

Relinquished By:	Date /Time:	Received by:	Date /Time:
[signature]	2/20/01 1515	[signature]	02/21/01
Relinquished By:	Date /Time:	Received by:	Date /Time:
Relinquished By:	Date /Time:	Received in Lab by:	Date /Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours X normal ____

Sample Integrity: (Check)
intact ____ on ice ____

CHAIN OF CUSTODY FORM

Client Name/Address: PSI, 6867 Nancy Ridge Dr., Suite E, San Diego, CA 92121

Project/PO Number: 592-1E010

Project Manager: Ryan Marcos

Phone Number: 858 455-0544

Sampler: Bill Felix

Fax Number: 858 455-1170

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	USEPA 6010 Pb Only									Special Instructions
C-5 .15	Soil	Glass Jar	1	2/19/01 1033	None	X									
C-5 .3				1035		X									
C-5 .6				1038		X									
C-6 .15				1043		X									
C-6 .3				1045		X									
C-6 .6				1047		X									
C-7 .15				1102		X									
C-7 .3				1105		X									
C-7 .6				1107		X									
Dup #2				1119											Hold
C-8 .15				1120		X									
C-8 .3				1124		X									
C-8 .6				1127		X									
C-9 .15				1139		X									

Relinquished By:	Date /Time:	Received by:	Date /Time:	Turnaround Time: (Check)	
[signature]	2/20/01 1515	[signature]	02/26/01	same day ____	72 hours ____
Relinquished By:	Date /Time:	Received by:	Date /Time:	24 hours ____	5 days ____
				48 hours ____	normal ____
Relinquished By:	Date /Time:	Received in Lab by:	Date /Time:	Sample Integrity: (Check)	
				intact ____	on ice ____

CHAIN OF CUSTODY FORM

Client Name/Address:
PSI
6867 Nancy Ridge Dr., #E
San Diego, CA 92121

Project/PO Number: 592-1E010

Project Manager: Ryan Marcos

Phone Number: 858 455-0544

Sampler: Bill Felix

Fax Number: 858 455-1176

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	Analysis Required: USEPA 6010 Pb Only									Special Instructions
C-9.3	Soil	Glass Jar	1	2/19/01 1141	None	X									
C-9.6				1142		X									
C-10.15				1155		X									
C-10.3				1200		X									

Relinquished By:	Date /Time:	Received by:	Date /Time:	Turnaround Time: (Check)
[signature]	2/20/01 1515	[signature]	02/21/01	same day ____ 72 hours ____
Relinquished By:	Date /Time:	Received by:	Date /Time:	24 hours ____ 5 days ____
				48 hours ____ normal ____
Relinquished By:	Date /Time:	Received in Lab by:	Date /Time:	Sample Integrity: (Check)
				intact ____ on ice ____

CHAIN OF CUSTODY FORM

Client Name/Address:
PSI
6867 Nancy Ridge Dr., #E
San Diego, CA 92121

Project/PO Number: 592-1E010

Project Manager: Ryan Marcos

Phone Number: 858 455-0544

Sampler: Bill Felix

Fax Number: 858 455-1170

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	USEPA 6010 Pb Only								Special Instructions
C-11.15	Soil	Glass Jars	1	2/20/01 1012	None	X								12°C
C-11.3				1014		X								
C-12.15				1022		X								
C-12.3				1025		X								
C-12.6				1028		X								
C-13.15				1038		X								
C-13.3				1042		X								
C-13.6				1045		X								
C-14.15				1052		X								
C-14.3				1055		X								
C-14.6				1056		X								
C-15.15				1105		X								
C-15.3				1108		X								
C-16 Dup				1115										Hold

Relinquished By:	Date /Time:	Received by:	Date /Time:	Turnaround Time: (Check)	
[signature]	2/20/01 1515	[signature]	02/21/01	same day ____	72 hours ____
Relinquished By:	Date /Time:	Received by:	Date /Time:	24 hours ____	5 days ____
				48 hours X	normal ____
Relinquished By:	Date /Time:	Received in Lab by:	Date /Time:	Sample Integrity: (Check)	
				intact ____	on ice ____

CHAIN OF CUSTODY FORM

Client Name/Address:
PSI
6867 Nancy Ridge Dr., # E
San Diego, CA 92121

Project/PO Number:
592-1E010

Project Manager: Ryan Marcos

Phone Number: 858 455-0544

Sampler: Bill Felix

Fax Number: 858 455-1170

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	USEPA 6010 Pb Only									Special Instructions
G16.15	Soil	Glass Jar	1	2/20/01 1118	None	X									
C-16.3				1122		X									
C-16.6				1124		X									
C-17.15				1134		X									
C-17.3				1136		X									
C-17.6				1137		X									
C-18.15				1144		X									
C-18.3				1145		X									
C-18.6				1150		X									
C-19.15				1205		X									
C-19.3				1206		X									
C-19.6				1208		X									
C-20 Dup				1219											Hold
C-20.15				1219		X									

Relinquished By:	Date /Time:	Received by:	Date /Time:
	2/20/01 1515		02/21/01
Relinquished By:	Date /Time:	Received by:	Date /Time:
Relinquished By:	Date /Time:	Received in Lab by:	Date /Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal ____

Sample Integrity: (Check)
intact ____ on ice ____

CHAIN OF CUSTODY FORM

Client Name/Address: PSI, 6867 Nancy Ridge Dr, #E, San Diego, CA 92121

Project/PO Number: 592-1EX0

Project Manager: Ryan Marcos

Phone Number: 858 455-0544

Sampler: Bill Felix

Fax Number: 858 455-1170

Analysis Required: US EPA 6010 Pb Only

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	US EPA 6010 Pb Only									Special Instructions
C-20.3	Soil	Glass Jar	1	2/20/01 1219	None	X									
C-20.15	Soil			1221		X									
C-20.6				1226		X									
C-21.15				1234		X									
C-21.3				1235		X									
C-21.6				1239		X									
C-22.15				1244		X									
C-22.3				1246		X									
C-22.6				1251		X									

Relinquished By:	Date/Time:	Received by:	Date/Time:	Turnaround Time: (Check)
[signature]	2/20/01 1515	[signature]	02/21/01	same day ____ 72 hours ____
Relinquished By:	Date/Time:	Received by:	Date/Time:	24 hours ____ 5 days ____
				48 hours ____ normal ____
Relinquished By:	Date/Time:	Received in Lab by:	Date/Time:	Sample Integrity: (Check)
				intact ____ on ice ____

CHAIN OF CUSTODY FORM

Page 1 of ____

Client Name/Address:
PSI
6867 NANCY RIDGE DR. SUITE E
SAN DIEGO, CA 92121

Project/PO Number:
592-1E010

Project Manager:
RYAN MARCOS

Phone Number:
858-455-0544

Sampler:
" "

Fax Number:
858-455-1170

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Total Lead	pH EPA 9045	CW 10% of samples C-22 to C-30 for pH.							Special Instructions
C-23 .15 ft	SOIL	GLASS	1	2/21 8:57	NONE	✓									
.3 ft				8:59		✓									
.6 ft				9:01		✓									
C-24 .15 ft				2/21 9:05		✓									
.3 ft				9:10		✓									
.6 ft				9:14		✓									
C-25 .15 ft				2/21 9:23		✓									
.3 ft				9:25		✓									
.6 ft				9:28		✓									
C-26 .15 ft				2/21 9:36		✓									
.3 ft				9:41		✓									
.6 ft				9:43		✓									
C-27 .15				2/21 9:51		✓									
.3				9:53		✓									

Relinquished By:	Date /Time:	Received by:	Date /Time:
[signature]	2/23/01 2:00	[signature]	2/26
Relinquished By:	Date /Time:	Received by:	Date /Time:
Relinquished By:	Date /Time:	Received in Lab by:	Date /Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal X

Sample Integrity: (Check)
intact ____ on ice X

CHAIN OF CUSTODY FORM

Client Name/Address:
PSI
6867 NANCY RIDGE DR. SUITE E
San Diego, CA 92121

Project/PO Number:
592-1E010

Project Manager:
RYAN MARCOS

Phone Number:
858-455-0544

Sampler:
" "

Fax Number:
858-455-1170

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Total Lead	pH EPA 9045								Special Instructions
C-27 .6	SOIL	Glass	1	2/21 9:55	NONE	✓									
C-28 .15				2/21 10:05		✓									
.3				10:08		✓									
.6				10:10		✓									
C-29 .15				2/21 10:17		✓									
.3				10:18		✓									
.6				10:19		✓									

Relinquished By:	Date /Time:	Received by:	Date /Time:	Turnaround Time: (Check)
[illegible]	2/23/01 2:00	[illegible] 476	02/26	same day ___ 72 hours ___
Relinquished By:	Date /Time:	Received by:	Date /Time:	24 hours ___ 5 days ___
				48 hours ___ normal X
Relinquished By:	Date /Time:	Received in Lab by:	Date /Time:	Sample Integrity: (Check)
				intact ___ on ice X

CHAIN OF CUSTODY FORM

Page 3 of ____

Client Name/Address:
PSI
6867 NANCY RIDGE DR. SUITE E
SAN DIEGO, CA 92121

Project/PO Number:
592-1E010

Project Manager:
RYAN MARCOS

Phone Number:
858-455-0544

Sampler:
" "

Fax Number:
858-455-1170

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Total Lead	pH EPA 9045								Special Instructions
C-30 0.15	Soil	Glass	1	2/21 10:24	None	✓									
0.3				2/21		✓									
0.6				2/21		✓									
C-31 0.15				2/21 10:43		✓									
0.3				10:44		✓									
0.6						✓									
C-32 0.15				2/21 10:53		✓									
0.3				10:57		✓									
0.6						✓									
C-33 0.15				2/21 11:05		✓									
0.3				11:06		✓									
0.6						✓									
						✓									
						✓									

Relinquished By:	Date /Time:	Received by:	Date /Time:	Turnaround Time: (Check)	
[signature]	2/23/01 2:00	[signature] ATL	2/26	same day ____	72 hours ____
Relinquished By:	Date /Time:	Received by:	Date /Time:	24 hours ____	5 days ____
				48 hours ____	normal X
Relinquished By:	Date /Time:	Received in Lab by:	Date /Time:	Sample Integrity: (Check)	
				intact ____	on ice X

CHAIN OF CUSTODY FORM

Client Name/Address:
PSI
6867 NANCY RIDGE DR. SUITE E
San Diego, CA 92121

Project/PO Number:
592-1E010

Project Manager:
RYAN MARCOS

Phone Number:
858-455-0544

Sampler:
" "

Fax Number:
858-455-1170

Analysis Required

Sample Description		Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Total Lead	pH EPA 9045								Special Instructions
C-34	0.15	Soil	Glass	1	2/21 11:16	None	✓									
	0.3						✓									
	0.6						✓									
C-35	0.15				2/21 11:41		✓									
	0.3						✓									
	0.6				11:44		✓									
C-36	0.15				2/21 11:49		✓									
	0.3						✓									
C-37	0.15				2/21 12:05		✓									
	0.3						✓									
	0.6						✓									
C-38	0.15				2/21 12:15		✓									
	0.3						✓									
	0.6						✓									

Relinquished By:	Date /Time:	Received by:	Date /Time:	Turnaround Time: (Check)	
[illegible]	2/23/01 2:00	[illegible] ATL	02/26	same day ____	72 hours ____
Relinquished By:	Date /Time:	Received by:	Date /Time:	24 hours ____	5 days ____
				48 hours ____	normal X
Relinquished By:	Date /Time:	Received in Lab by:	Date /Time:	Sample Integrity: (Check)	
				intact ____	on ice X

CHAIN OF CUSTODY FORM

Page 5 of ____

Client Name/Address:
PSI
6867 MANCY RIDGE DR. SUITE E
SAN DIEGO, CA 92121

Project/PO Number:
592-1E010

Project Manager:
RYAN MARCOS

Phone Number:
858-455-0544

Sampler:
" "

Fax Number:
858-455-1170

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Total Lead	pH EPA 9045								Special Instructions
C-39 0.15	Soil	Glass	1	2/21 12:29	None	✓									
0.3	↓	↓	↓	↓	↓	✓									
0.6	↓	↓	↓	↓	↓	✓									

Relinquished By: [signature]	Date /Time: 2/23/01 2:00	Received by: [signature] ATL	Date /Time: 2/26
Relinquished By:	Date /Time.	Received by:	Date /Time:
Relinquished By:	Date /Time:	Received in Lab by:	Date /Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal X

Sample Integrity: (Check)
intact ____ on ice X

CHAIN OF CUSTODY FORM

Client Name/Address:
PSI
6867 MANCY RIDGE DR. SUITE E
SAN DIEGO, CA 92121

Project/PO Number:
592-1ED10

Project Manager:
RYAN MARCOS

Phone Number:
858-455-0544

Sampler:
" "

Fax Number:
858-455-1170

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Total Lead	pH EPA 9045								Special Instructions
C-40 .15	SOIL	GLASS	1	2/21 12:39	NONE	✓									
.3						✓									
.6						✓									
C-41 .15				2/21 12:52		✓									
.3						✓									
.6						✓									
C-42 .15				2/21 1:06		✓									
.3						✓									
.6						✓									
C-43 .15				2/22 9:04		✓									
.3				9:06		✓									
C-44 .15				2/22 1:17		✓									
.3						✓									
.6						✓									

Relinquished By:	Date /Time:	Received by:	Date /Time:	Turnaround Time: (Check)	
[signature]	2/23/01 2:00	[signature] ATL	02/26	same day ____	72 hours ____
Relinquished By:	Date /Time:	Received by:	Date /Time:	24 hours ____	5 days ____
				48 hours ____	normal X
Relinquished By:	Date /Time:	Received in Lab by:	Date /Time:	Sample Integrity: (Check)	
				intact ____	on ice X

CHAIN OF CUSTODY FORM

Client Name/Address:
PSI
6867 NANCY RIDGE DR. SUITE E
SAN DIEGO, CA 92121

Project/PO Number:
592-1EDIO

Project Manager:
RYAN MARCOS

Phone Number:
858-455-0544

Sampler:
" "

Fax Number:
858-455-1170

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Total Lead	pH EPA 9045								Special Instructions
C-45 .15	SOIL	Glass	1	2/22	NONE	✓									
.3						✓									
.6						✓									
C-46 .15				2/22 9:23		✓									
.3						✓									
.6						✓									
C-47 .15				2/22 9:32		✓									
.3						✓									
.6						✓									
C-48 .15				2/22 9:40		✓									
.3						✓									
C-49 .15				2/22 9:53		✓									
.3						✓									
.6						✓									

Relinquished By:	Date /Time:	Received by:	Date /Time:
[signature]	2/23/01 2:00	[signature] ATL	02/26
Relinquished By:	Date /Time:	Received by:	Date /Time:
Relinquished By:	Date /Time:	Received in Lab by:	Date /Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal X

Sample Integrity: (Check)
intact ____ on ice X

CHAIN OF CUSTODY FORM

Client Name/Address:
PSI
6867 NANCY RIDGE DR. SUITE E
San Diego, CA 92121

Project/PO Number:
592-1EDID

Project Manager:
RYAN MARCOS

Phone Number:
858-455-0544

Sampler:
" "

Fax Number:
858-455-1170

Analysis Required

Sample Description		Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Total Lead	pH EPA 9045								Special Instructions
C-50	0.15	Soil	Glass	1	2/22 10:09	None	✓									
	0.3						✓									
	0.6						✓									
C-51	0.15				2/22 10:24		✓									
	0.3						✓									
	0.6						✓									
C-52	0.15				2/22 10:32		✓									
	0.3						✓									
	0.6						✓									
C-53	0.15				2/22 10:37		✓									
	0.3						✓									
	0.6						✓									
C-54	0.15				2/22 10:44		✓									
	0.3						✓									

Relinquished By:	Date /Time:	Received by:	Date /Time:	Turnaround Time: (Check)	
[illegible]	2/23/01 2:00	[illegible] ATL	02/26	same day ____	72 hours ____
Relinquished By:	Date /Time:	Received by:	Date /Time:	24 hours ____	5 days ____
				48 hours ____	normal X
Relinquished By:	Date /Time:	Received in Lab by:	Date /Time:	Sample Integrity: (Check)	
				intact ____	on ice X

CHAIN OF CUSTODY FORM

Client Name/Address:
PSI
6867 NANCY RIDGE DR. SUITE E
SAN DIEGO, CA 92121

Project/PO Number:
592-1E010

Project Manager:
RYAN MARCOS

Phone Number:
858-455-0544

Sampler:
" "

Fax Number:
858-455-1170

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Total Lead	pH EPA 9045								Special Instructions
C-55 0.15	Soil	Glass	1	2/22 10:49	None	✓									
0.3						✓									
0.6						✓									
C-56 0.15				2/22 10:58		✓									
0.3						✓									
0.6						✓									
C-57 0.15				2/22 11:06		✓									
0.3						✓									
0.6						✓									
C-58 0.15				2/22 1:32		✓									
0.3						✓									
0.6						✓									

Relinquished By: [illegible] Date /Time: 2/23/01 2:00
Received by: [illegible] Date /Time: 02/26

Relinquished By: Date /Time:
Received by: Date /Time:

Relinquished By: Date /Time:
Received in Lab by: Date /Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal X

Sample Integrity: (Check)
intact ____ on ice X

CHAIN OF CUSTODY FORM

Client Name/Address:
PSI
6867 NANCY RIDGE DR. SUITE E
SAN DIEGO, CA 92121

Project/PO Number: 592-1ED10

Project Manager: RYAN MARCOS

Phone Number: 858-455-0544

Sampler: " "

Fax Number: 858-455-1170

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Total Lead	pH EPA 9045								Special Instructions
C-59 0.15	Soil	Glass	1	2/22	None	✓									
0.3	↓	↓	↓	↓	↓	✓									
0.6	↓	↓	↓	↓	↓										

Relinquished By:	Date/Time:	Received by:	Date/Time:	Turnaround Time: (Check)
[illegible]	2/23/01 2:00	[illegible] ATL	02/26	same day ____ 72 hours ____
Relinquished By:	Date/Time:	Received by:	Date/Time:	24 hours ____ 5 days ____
				48 hours ____ normal X
Relinquished By:	Date/Time:	Received in Lab by:	Date/Time:	Sample Integrity: (Check)
				intact ____ on ice X

CHAIN OF CUSTODY FORM

Page 1 of ____

Client Name/Address:
PSI
6867 NANCY RIDGE DR. SUITE E
SAN DIEGO, CA 92121

Project/PO Number:
592-1E010

Project Manager:
RYAN MARCOS

Phone Number:
858-455-0544

Sampler:
" "

Fax Number:
858-455-1170

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Total Lead	pH EPA 9045								Special Instructions
C-60 .15	SOIL	GLASS	1	2/22 11:23	NONE	✓									
.3						✓									
.6						✓									
C-61 .15				2/22 11:33		✓									
.3						✓									
.6						✓									
C-62 .15				2/22 11:41		✓									
.3						✓									
.6						✓									
C-63 .15				2/22 11:48		✓									
.3						✓									
.6						✓									
C-64 .15				2/22		✓									
.3						✓									

Relinquished By:	Date /Time:	Received by:	Date /Time:
[signature]	2/23/01 2:00	[signature] ATL	02/26
Relinquished By:	Date /Time:	Received by:	Date /Time:
Relinquished By:	Date /Time:	Received in Lab by:	Date /Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal X

Sample Integrity: (Check)
intact ____ on ice X

CHAIN OF CUSTODY FORM

Client Name/Address:
PSI
6867 NANCY RIDGE DR. SUITE E
San Diego, CA 92121

Project/PO Number: 592-1ED10

Project Manager: RYAN MARCOS

Phone Number: 858-455-0544

Sampler: " "

Fax Number: 858-455-1170

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Total Lead	pH EPA 9045								Special Instructions
C-64 .6	SOIL	GLASS	1	2/22	NONE	✓									
C-65 .15				2/22 1:53		✓									
.3						✓									
.6						✓									
C-66 .15				2/22 2:06		✓									
.3						✓									
.6						✓									
C-67 .15				2/22 2:06		✓									
.3						✓									
.6						✓									
C-68 .15				2/22 2:12		✓									
.3						✓									
.6						✓									
C-69 .15				2/22 2:21		✓									

Relinquished By:	Date /Time:	Received by:	Date /Time:	Turnaround Time: (Check)	
[illegible]	2/23/01 2:00	[illegible]	02/26	same day ____	72 hours ____
Relinquished By:	Date /Time:	Received by:	Date /Time:	24 hours ____	5 days ____
				48 hours ____	normal X
Relinquished By:	Date /Time:	Received in Lab by:	Date /Time:	Sample Integrity: (Check)	
				intact ____	on ice X

CHAIN OF CUSTODY FORM

Client Name/Address:
PSI
6867 NANCY RIDGE DR. SUITE E
San Diego, CA 92121

Project/PO Number:
592-1E010

Project Manager:
RYAN MARCOS

Phone Number:
858-455-0544

Sampler:
" "

Fax Number:
858-455-1170

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Total Lead	pH EPA 9045								Special Instructions
C-69 .3	SOIL	GLASS	1	2/22	NONE	✓									
.6						✓									
C-70 .15				2/22 2:28		✓									
.3						✓									
.6						✓									
C-71 .15				2/22 2:34		✓									
.3						✓									
.6						✓									
C-72 .15				2/22 2:42		✓									
.3						✓									
.6						✓									
C-73 .15				2/22 2:46		✓									
.3						✓									
.6						✓									

Relinquished By:	Date /Time:	Received by:	Date /Time:	Turnaround Time: (Check)	
[signature]	2/23/01 2:00	[signature] ATL	02/26	same day ____	72 hours ____
Relinquished By:	Date /Time:	Received by:	Date /Time:	24 hours ____	5 days ____
				48 hours ____	normal X
Relinquished By:	Date /Time:	Received in Lab by:	Date /Time:	Sample Integrity: (Check)	
				intact ____	on ice X

CHAIN OF CUSTODY FORM

Client Name/Address:
PSI
6867 NANCY RIDGE DR. SUITE E
San Diego, CA 92121

Project/PO Number:
592-1E010

Project Manager:
RYAN MARCOS

Phone Number:
858-455-0544

Sampler:
" "

Fax Number:
858-455-1170

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Total Lead	pH EPA 9045								Special Instructions
C-74 .15	SOIL	GLASS	1	2/22 2:54	NONE	✓									
.3						✓									
.6						✓									
C-75 .15				2/22 2:59		✓									
.3						✓									
.6						✓									
C-76 .15				2/22 3:07		✓									
.3						✓									
.6						✓									
C-77 .15				2/22 3:09		✓									
.3						✓									
.6						✓									
C-78 .15				2/22 3:15		✓									
.3						✓									

Relinquished By:	Date /Time:	Received by:	Date /Time:
[signature]	2/23/01 2:00	[signature] ATL	2/26
Relinquished By:	Date /Time:	Received by:	Date /Time:
Relinquished By:	Date /Time:	Received in Lab by:	Date /Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal X

Sample Integrity: (Check)
intact ____ on ice X

CHAIN OF CUSTODY FORM

Page 15 of ____

Client Name/Address:
PSI
6867 NANCY RIDGE DR. SUITE E
SAN DIEGO, CA 92121

Project/PO Number:
592-1E010

Project Manager:
RYAN MARCOS

Phone Number:
858-455-0544

Sampler:
" "

Fax Number:
858-455-1170

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Total Lead	pH EPA 9045								Special Instructions
C-78 .6	SOIL	GLASS	1	2/22 3:15	NONE	✓									
C-80 .15	|	|	|	2/22 3:26	|	✓									
.3	|	|	|	|	|	✓									

Relinquished By:	Date /Time:	Received by:	Date /Time:	Turnaround Time: (Check)	
[illegible]	2/23/01 2:00	[illegible] ATL	2/26	same day ____	72 hours ____
Relinquished By:	Date /Time:	Received by:	Date /Time:	24 hours ____	5 days ____
				48 hours ____	normal X
Relinquished By:	Date /Time:	Received in Lab by:	Date /Time:	Sample Integrity: (Check)	
				intact ____	on ice X

CHAIN OF CUSTODY FORM

Client Name/Address:
PSI
6867 NANCY RIDGE DR. SUITE E
SAN DIEGO, CA 92121

Project/PO Number:
592-1ED10

Project Manager:
RYAN MARCOS

Phone Number:
858-455-0544

Sampler:
" "

Fax Number:
858-455-1170

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Total Lead	pH EPA 9045								Special Instructions
Blanks (0.3) DUP C-30	Soil	Glass	1	2/21	None										
DUP C-35 0.15				2/22			HOLD ALL BLANKS								
DUP C-40 0.6															
DUP C-56 0.3															
DUP C-62															
DUP C-69															
DUP C-74															

Relinquished By:	Date /Time:	Received by:	Date /Time:	Turnaround Time: (Check)	
[signature]	2/23/01 2:00	[signature] ATL	02/26	same day ____	72 hours ____
Relinquished By:	Date /Time:	Received by:	Date /Time:	24 hours ____	5 days ____
				48 hours ____	normal X
Relinquished By:	Date /Time:	Received in Lab by:	Date /Time:	Sample Integrity: (Check)	
				intact ____	on ice X

CHAIN OF CUSTODY FORM

Quote No.: _____ Page: 1 of 9

Client Name: PSI

Address: 6867 Nancy Ridge Dr., #101

City: San Diego State: CA Zip: 92121

Tel: 858 455-0544 Fax.: 858 455-1170

P.O./Project Number: 592-1E010

Project Name:

Project Manager: Ryan Marcos

Sampler(s) (signature):

Sample I.D.	Matrix	Date Sampled	Time	Preservation	Number of Containers	Type of Containers	8015 (Gas) / 8020 (BTEX) / MTBE (8020) / 8015/8020/MTBE	8015 (Diesel) simulated / fuel distillation / fingerprint	Oil & Grease - EPA 413.2	TRPH - EPA 418.1	EPA 8010 / EPA 8010/8020	EPA 8270	Title 22 Metals EPA 6010/7000 / +Cr VI	EPA 8260 / + Oxygenates / + MTBE / MTBE only	Lead	pH	Hold						
C-83 .3	Soil	3/1	—	—	1	G									✓								
C-83 .6															✓								
C-84 .15															✓								
C-84 .3															✓	✓							
C-84 .6															✓								
C-85 .15															✓								
C-85 .3															✓								
C-85 .6															✓								
C-85 Blank																	✓						
C-90 .15															✓								

Relinquished by:	Date/Time: 3/2 1600	Received by:	Date/Time: 3/5
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time:

Remarks:

Turnaround Time: (check one):
Same Day ____ 72 hours ____
24 Hours ____ 5 Days ____
48 Hours ____ Standard ✓

Sample Integrity:
Intact: ____ On Ice ____

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of the invoice. Sample(s) will be disposed of after 30 days.

COC-GT

CHAIN OF CUSTODY FORM

Quote No.: _____ Page: 2 of 9

Client Name: PSI

Address: 6867 Nancy Ridge Dr., #101

City: San Diego State: CA Zip: 92121

Tel: 858 455-0544 Fax.: 858 455-1170

P.O./Project Number: 592-1E010

Project Name:

Project Manager: Ryan Marcos

Sampler(s) (signature):

Sample I.D.	Matrix	Date Sampled	Time	Preservation	Number of Containers	Type of Containers	8015 (Gas) / 8020 (BTEX)	MTBE (8020) / 8015/8020/MTBE	8015 (Diesel) / simulated fuel distillation / fingerprint	Oil & Grease - EPA 413.2	TRPH - EPA 418.1	EPA 8010 / EPA 8010/8020	EPA 8270	Title 22 Metals EPA 6010/7000 / +Cr VI	EPA 8260 / + Oxygenates / + MTBE / MTBE only	Lead	pH							
C-79 .15	soil	3/1		—	1	G										✓								
C-79 .3																✓	✓							
C-79 .6																✓								
C-81 .15																✓								
C-81 .3																✓								
C-81 .6																✓								
C-82 .15																✓								
C-82. 3																✓								
C-82 .6																✓								
C-83 .15																✓								

Relinquished by:	Date/Time: 3/2 1600	Received by:	Date/Time: 3/5
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time:

Remarks:

Turnaround Time: (check one):
Same Day ____ 72 hours ____
24 Hours ____ 5 Days ____
48 Hours ____ Standard ✓

Sample Integrity:
Intact: ____ On Ice ____

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of the invoice. Sample(s) will be disposed of after 30 days.

COC-GT

CHAIN OF CUSTODY FORM

Quote No.: _____ Page: 3 of 9

Client Name: PSI

Address: 6867 Nancy Ridge Dr., #101

City: San Diego State: CA Zip: 92121

Tel: 858 455-0544 Fax.: 858 455-1170

P.O./Project Number: 592-9E010

Project Name:

Project Manager: Ryan Marcos

Sampler(s) (signature):

Sample I.D.	Matrix	Date Sampled	Time	Preservation	Number of Containers	Type of Containers	8015 (Gas) / 8020 (BTEX)	MTBE (8020) / 8015/8020/MTBE	8015 (Diesel) simulated fuel / distillation fingerprint	Oil & Grease - EPA 413.2	TRPH - EPA 418.1	EPA 8010 / EPA 8010/8020	EPA 8270	Title 22 Metals EPA 6010/7000 / +Cr VI	EPA 8260 + Oxygenates / + MTBE / MTBE only	Lead	pH	Hold						
C-90.3	Soil	3/1	-	-	1	G										✓								
C-90.6																✓								
C-90 Blank																		✓						
C-91.15																✓								
C-91.3																✓	✓							
C-91.6																✓								
C-92.15																✓								
C-92.3																✓								
C-92.6																✓								
C-93.15																✓								

Relinquished by:	Date/Time: 3/2 1600	Received by:	Date/Time: 3/5
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time:

Remarks:

Turnaround Time: (check one):
Same Day ____ 72 hours ____
24 Hours ____ 5 Days ____
48 Hours ____ Standard ✓

Sample Integrity:
Intact: ____ On Ice ____

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of the invoice. Sample(s) will be disposed of after 30 days.

COC-GT

CHAIN OF CUSTODY FORM

Quote No.: _____ Page: 4 of 9

Client Name: PSI

Address: 6867 Nancy Ridge Dr., #101

City: San Diego State: CA Zip: 92121

Tel: 858 455-0544 Fax.: 858 455-1170

P.O./Project Number: 592-1E010

Project Name:

Project Manager: Ryan Marcos

Sampler(s) (signature):

Sample I.D.	Matrix	Date Sampled	Time	Preservation	Number of Containers	Type of Containers	8015 (Gas) / 8020 (BTEX) / MTBE (8020) / 8015/8020/MTBE	8015 (Diesel) / simulated distillation / fuel fingerprint	Oil & Grease - EPA 413.2	TRPH - EPA 418.1	EPA 8010 / EPA 8010/8020	EPA 8270	Title 22 Metals EPA 6010/7000 / +Cr VI	EPA 8260 / + Oxygenates / + MTBE / MTBE only	Lead	pH	Hold						
C-93.3	Soil	3/1	-	-	1	G									✓								
C-93.6															✓	✓							
C-94.15															✓								
C-94.3															✓								
C-94.6															✓								
C-95.15															✓								
C-95.3															✓								
C-95.6															✓								
C-95 Blank																	✓						
															✓								

Relinquished by: [signature] Date/Time: 3/2 1600 Received by: [signature] Date/Time: 3/5

Relinquished by: Date/Time: Received by: Date/Time:

Relinquished by: Date/Time: Received in Lab by: Date/Time:

Remarks:

Turnaround Time: (check one):
Same Day ____ 72 hours ____
24 Hours ____ 5 Days ____
48 Hours ____ Standard ✓

Sample Integrity:
Intact: ____ On Ice ____

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of the invoice. Sample(s) will be disposed of after 30 days.

COC-GT

CHAIN OF CUSTODY FORM

Quote No.: _____ Page: 5 of 9

Client Name: PSI

Address: 6867 Nancy Ridge Dr., #101

City: San Diego State: CA Zip: 92121

Tel: 858 455-0544 Fax.: 858 455-1170

P.O./Project Number: 592-1E010

Project Name:

Project Manager: Ryan Marcos

Sampler(s) (signature):

Sample I.D.	Matrix	Date Sampled	Time	Preservation	Number of Containers	Type of Containers	8015 (Gas) / 8020 (BTEX) / MTBE (8020) / 8015/8020/MTBE	8015 (Diesel) simulated distillation / fuel fingerprint	Oil & Grease - EPA 413.2	TRPH - EPA 418.1	EPA 8010 / EPA 8010/8020	EPA 8270	Title 22 Metals EPA 6010/7000 + Cr VI	EPA 8260 + Oxygenates + MTBE / MTBE only	Lead	pH
C-96.15	Soil	3/1	–	–	1	G									✓	
C-96.3															✓	
C-96.6															✓	
C-97.15															✓	
C-97.3															✓	
C-97.6															✓	✓
C-98.15															✓	
C-98.3															✓	
C-99.15															✓	
C-99.3															✓	

Relinquished by:	Date/Time:	Received by:	Date/Time:
[signature]	3/2 1600	[signature]	3/5
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time:

Remarks:

Turnaround Time: (check one):
Same Day ____ 72 hours ____
24 Hours ____ 5 Days ____
48 Hours ____ Standard ✓

Sample Integrity:
Intact: ____ On Ice ____

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of the invoice. Sample(s) will be disposed of after 30 days.

COC-GT

CHAIN OF CUSTODY FORM

Quote No.: _____ Page: 6 of 9

Client Name: PSI

Address: 6867 Nancy Ridge Dr., #101

City: San Diego State: CA Zip: 92121

Tel: 858 455-0544 Fax.: 858 455-1170

P.O./Project Number: 592-1E010

Project Name:

Project Manager: Ryan Marcos

Sampler(s) (signature):

Sample I.D.	Matrix	Date Sampled	Time	Preservation	Number of Containers	Type of Containers	8015 (Gas) / 8020 (BTEX) / MTBE (8020) / 8015/8020/MTBE	8015 (Diesel) / simulated distillation / fuel fingerprint	Oil & Grease - EPA 413.2	TRPH - EPA 418.1	EPA 8010 / EPA 8010/8020	EPA 8270	Title 22 Metals EPA 6010/7000 / +Cr VI	EPA 8260 / + Oxygenates / + MTBE / MTBE only	Lead	pH							
C-99.6	Soil	3/1	-	-	1	G									✓								
C-86.15															✓								
C-86.3															✓								
C-86.6															✓								
C-87.15															✓	✓							
C-87.3															✓								
C-87.6															✓								
C-88.15															✓								
C-88.3															✓								
C-88.6															✓								

Relinquished by: Date/Time: 3/2 1600 Received by: Date/Time: 3/5

Relinquished by: Date/Time: Received by: Date/Time:

Relinquished by: Date/Time: Received in Lab by: Date/Time:

Remarks:

Turnaround Time: (check one):
Same Day ____ 72 hours ____
24 Hours ____ 5 Days ____
48 Hours ____ Standard ✓

Sample Integrity:
Intact: ____ On Ice ____

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of the invoice. Sample(s) will be disposed of after 30 days.

COC-GT

CHAIN OF CUSTODY FORM

Quote No.: _____ Page: 7 of 9

Client Name: PSI

Address: 6867 Nancy Ridge Dr., #101

City: San Diego State: CA Zip: 92121

Tel: 858 455-0544 Fax.: 858 455-1170

P.O./Project Number: 592-1E010

Project Name:

Project Manager: Ryan Marcos

Sampler(s) (signature):

Sample I.D.	Matrix	Date Sampled	Time	Preservation	Number of Containers	Type of Containers	8015 (Gas) / 8020 (BTEX)	MTBE (8020) / 8015/8020/MTBE	8015 (Diesel) simulated fuel / distillation fingerprint	Oil & Grease - EPA 413.2	TRPH - EPA 418.1	EPA 8010 / EPA 8010/8020	EPA 8270	Title 22 Metals EPA 6010/7000 +Cr VI	EPA 8260 + Oxygenates + MTBE / MTBE only	Lead	pH
C-89.15	Soil	3/1	–	–	1	G										✓	
C-89.3																✓	
C-100.15																✓	
C-100.3																✓	
C-100.6																✓	
C-101.15																✓	✓
C-101.3																✓	
C-101.6																✓	
C-102.15																✓	
C-102.3																✓	

Relinquished by: Date/Time: 3/2 1600

Received by: Date/Time: 3/2 1605

Relinquished by: Date/Time:

Received by: Date/Time:

Relinquished by: Date/Time:

Received in Lab by: Date/Time:

Remarks:

Turnaround Time: (check one):
Same Day ____ 72 hours ____
24 Hours ____ 5 Days ____
48 Hours ____ Standard ✓

Sample Integrity:
Intact: ____ On Ice ____

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of the invoice. Sample(s) will be disposed of after 30 days.

COC-GT

CHAIN OF CUSTODY FORM

Quote No.: _____ Page: 3 of 9

Client Name: PSI

Address: 6867 Nancy Ridge Dr., #101

City: San Diego State: CA Zip: 92121

Tel: 858 455-0544 Fax.: 858 455-1170

P.O./Project Number: 592-1E010

Project Name:

Project Manager: Ryan Marcos

Sampler(s) (signature):

Sample I.D.	Matrix	Date Sampled	Time	Preservation	Number of Containers	Type of Containers	8015 (Gas) / 8020 (BTEX)	MTBE (8020) / 8015/8020/MTBE	8015 (Diesel) simulated distillation / fuel fingerprint	Oil & Grease - EPA 413.2	TRPH - EPA 418.1	EPA 8010 / EPA 8010/8020	EPA 8270	Title 22 Metals EPA 6010/7000 / +Cr VI	EPA 8260 + Oxygenates / + MTBE / MTBE only	Lead	pH	Hold						
C-102.6	Soil	3/1	-	-	1	G										✓								
C-103.15																✓								
C-103.3																✓								
C-103.6																✓	✓							
C-104.15																✓								
C-104.3																✓								
C-104.6																✓								
C-105.15																✓								
C-105.3																✓								
C-105 Blank																✓		✓						

Relinquished by: [signature] Date/Time: 3/2 1600 Received by: [signature] Date/Time: 3/5

Relinquished by: Date/Time: Received by: Date/Time:

Relinquished by: Date/Time: Received in Lab by: Date/Time:

Remarks:

Turnaround Time: (check one):
Same Day ____ 72 hours ____
24 Hours ____ 5 Days ____
48 Hours ____ Standard ✓

Sample Integrity:
Intact: ____ On Ice ____

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of the invoice. Sample(s) will be disposed of after 30 days.

COC-GT

CHAIN OF CUSTODY FORM

Quote No.: _____ Page: 9 of 9

Client Name: PSI

Address: 6867 Nancy Ridge Dr., #101

City: San Diego State: CA Zip: 92121

Tel: 858 455-0544 Fax.: 858 455-1170

P.O./Project Number: 592-1E010

Project Name:

Project Manager: Ryan Marcos

Sampler(s) (signature):

Sample I.D.	Matrix	Date Sampled	Time	Preservation	Number of Containers	Type of Containers	8015 (Gas) / 8020 (BTEX)	MTBE (8020) / 8015/8020/MTBE	8015 (Diesel) simulated distillation / fuel fingerprint	Oil & Grease - EPA 413.2	TRPH - EPA 418.1	EPA 8010 / EPA 8010/8020	EPA 8270	Title 22 Metals EPA 6010/7000 +Cr VI	EPA 8260 + Oxygenates / + MTBE / MTBE only	Lead	pH
C-106.15	Soil	3/1	–	–	1	G										✓	
C-106.3																✓	
C-106.6																✓	
C-107.15																✓	
C-107.3																✓	✓
C-107.6																✓	

Relinquished by: Date/Time: 3/2 1600

Received by: Date/Time:

Relinquished by: Date/Time:

Received by: Date/Time:

Relinquished by: Date/Time:

Received in Lab by: Date/Time:

Remarks:

Turnaround Time: (check one):
Same Day ____ 72 hours ____
24 Hours ____ 5 Days ____
48 Hours ____ Standard ✓

Sample Integrity:
Intact: ____ On Ice ____

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of the invoice. Sample(s) will be disposed of after 30 days.

COC-GT

CHAIN OF CUSTODY FORM

Page 1 of

Client Name/Address:
PSI
6867 Nancy Ridge Dr. Suite E
San Diego, CA 92121

Project/PO Number: 592-16010

Project Manager: R. Marcos

Phone Number: 858-455-0544

Sampler: R. Marcos

Fax Number: 858-455-1170

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Pb only	pH	Special Instructions
C-108 (.15m)	Soil	Glass Tube	1	3/2/01 9:53	none	✓		
C-108 (.3m)				9:54		✓	✓	
C-108 (.6m)				9:55		✓		
C-109 (.15m)				9:57		✓		
C-109 (.3)				9:59		✓	✓	
C-109 (.6m)				10:06		✓		
C-110 (.15m)				10:09		✓		
C-110 (.3)				3/2/01		✓		
C-110 (.6)				3/2/01		✓		
C-110				3/2/01				
C-111 (.15m)				3/2/01		✓		on Hold
C-111 (.3m)				3/2/01		✓		
C-111 (.6m)				3/2/01		✓		
C-112 (.15)				3/2/01		✓		

Relinquished By: Ryan Marcos — Date/Time: 3/2/01 10:[illegible]
Received by: ATL — Date/Time: 3/8/01

Relinquished By: — Date/Time:
Received by: — Date/Time:

Relinquished By: — Date/Time:
Received in Lab by: — Date/Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal X

Sample Integrity: (Check)
intact ____ on ice X

Glass tubes

CHAIN OF CUSTODY FORM

Page 2 of

Client Name/Address:
PSI
6867 Nancy Ridge Dr. Suite E
San Diego, CA 92121

Project/PO Number: 552-1E010

Project Manager: R. Marcos

Phone Number: 858-455-0544

Sampler: R. Marcos

Fax Number: 858-455-1170

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Pb only	24	Special Instructions
C-112(.3m)	Soil	Glass Tube	1	3/2/01	none	✓		
C-112(.6m)				3/2/01		✓		
C-113(.15m)				3/2/01		✓		
C-113(.3m)				3/2/01		✓	✓	
C-114(.15m)				3/2/01		✓		
C-114(.3m)				3/2/01		✓		
C-114(.6m)				3/2/01		✓		
C-115(.15m)				3/2/01		✓		
C-115(.3m)				3/2/01		✓		
C-115(.6m)				3/2/01		✓		
C-115				3/2/01				
C-116(.15m)				3/2/01		✓		on Hold
C-116(.3m)				3/2/01		✓		
C-116(.6m)				3/2/01		✓		

Relinquished By: Ryan Marcos
Date/Time: 3/2/01 10:05

Received by: RM
Date/Time: 3/2

Relinquished By:
Date/Time:

Received by:
Date/Time:

Relinquished By:
Date/Time:

Received in Lab by:
Date/Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal X

Sample Integrity: (Check)
intact ____ on ice X

5

glass [redacted], tubes

CHAIN OF CUSTODY FORM

Page 3 of

Client Name/Address:
PSI
6067 Nancy Ridge Dr. Suite E
San Diego, CA 92121

Project/PO Number:
552-1E010

Project Manager:
R. Marcus

Phone Number:
858-455-0544

Sampler:
R. Marcus

Fax Number:
858-455-1170

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Pb only	pH	Special Instructions
C-117 (.15m)	Soil	Glass Tube	1	3/2/01	none	/		
C-117 (.3m)				3/2/01		/		
C-117 (.6m)				3/2/01		/		
C-118 (.15m)				3/2/01		/		
C-118 (.3m)				3/2/01		/		
C-118 (.6m)				3/2/01		/	/	
C-119 (.15m)				3/2/01		/		
C-119 (.3m)				3/2/01		/		
C-119 (.6m)				3/2/01		/		
C-120 Blank				3/2/01				
C-120 (.15m)				3/2/01		/		on Hold
C-120 (.3m)				3/2/01		/	/	
C-120 (.6m)				3/2/01		/		
C-121 (.15)				3/2/01		/		

Relinquished By:	Date/Time:	Received by:	Date/Time:
Ryan Marcus [signature]	3/2/01 10:05	CM	3/8
Relinquished By:	Date/Time:	Received by:	Date/Time:
Relinquished By:	Date/Time:	Received at Lab by:	Date/Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal X

Sample Integrity: (Check)
intact ____ on ice X

Martin Fisher

CHAIN OF CUSTODY FORM

Page 4 of

Client Name/Address:
PSI
6867 Nancy Ridge Dr. Suite E
San Diego, CA 92121

Project/PO Number: 552-1E010

Project Manager: R. Marcos

Phone Number: 858-455-0564

Sampler: R. Marcos

Fax Number: 858-455-1170

Analysis Required: EPA 6010 Pb only; pH

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Pb only	pH	Special Instructions
C-121(.3m)	Soil	Glass Tube	1	3/2/01	none	✓		
C-121(.6m)				3/2/01		✓		
C-122-(.15m)				3/2/01		✓		
C-122-(.3m)				3/2/01		✓		
C-122(.6m)				3/2/01		✓		
C-123(.15m)				3/2/01		✓		
C-123(.3m)				3/2/01		✓	✓	
C-123(.6m)				3/2/01		✓		
C-124(.15m)				3/2/01		✓		
C-124(.3m)				3/2/01		✓		
C-124(.6m)				3/2/01		✓		
C-125 Blank				3/2/01				
C-125(.15m)				3/2/01		✓		on Hold
C-125(.3m)				3/2/01		✓		

Relinquished By: Ryan Marcos — Date/Time: 3/2/01 10:08
Received by: [illegible] — Date/Time: 3/2

Relinquished By: — Date/Time:
Received by: — Date/Time:

Relinquished By: — Date/Time:
Received in Lab by: — Date/Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal X

Sample Integrity: (Check)
intact ____ on ice X

Christin Huber

CHAIN OF CUSTODY FORM

Page 5 of

Client Name/Address:
PSI
6867 NANCY RIDGE DR. SUITE E
SAN DIEGO, CA 92121

Project/PO Number:
572-1E101

Project Manager:
R. MARCUS

Phone Number:
858-455-0544

Sampler:
R. MARCUS

Fax Number:
858-455-1170

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Pb only	pH									Special Instructions
C-125(.6m)	Soil	Glass Tube	1	3/2/01	none	✓										
C-126(.15m)				3/2/01		✓										
C-126(.3m)				3/2/01		✓										
C-126(.6m)				3/2/01		✓										
C-127(.15m)				3/2/01		✓										
C-127(.3m)				3/2/01		✓										
C-127(.6m)				3/2/01		✓										
C-128(.15m)				3/2/01		✓	✓									
C-128(.3m)				3/2/01		✓										
C-128(.6m)				3/2/01		✓										
C-129(.15m)				3/2/01		✓										
C-125(.3m)				3/2/01		✓										
C-129(.6m				3/2/01		✓										
C-130 Blank				3/2/01												

Relinquished By: RYAN MARCUS Date/Time: 3/2/01 10:10
Received by: CM Date/Time: 3/8
Relinquished By: Date/Time:
Received by: Date/Time:
Relinquished By: Date/Time:
Received in Lab by: Date/Time:

On Hold

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal X

Sample Integrity: (Check)
intact ____ on ice X

Plastic tubes

CHAIN OF CUSTODY FORM

Client Name/Address:
PSI
6067 Nancy Ridge Dr. Suite E
San Diego, CA 92121

Project/PO Number: 592-1E101

Project Manager: R. Marcus

Phone Number: 858-455-0544

Sampler: R. Marcus

Fax Number: 858-455-1170

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Pb only	PH	Special Instructions
C-130(.15m)	Soil	Glass Tube	1	3/2/01	none	/		
C-130(.3m)				3/2/01		/		
C-130(.6m)				3/2/01		/	/	
C-131(.15m)				3/2/01		/		
C-131(.3m)				3/2/01		/		
C-131(.6m)				3/2/01		/		
C-132(.15m)				3/2/01		/		
C-132(.3m)				3/2/01		/		
C-132(.6m)				3/2/01		/		
C-133(.15m)				3/2/01		/		
C-133(.3m)				3/2/01		/		
C-133(.6m)				3/2/01		/		
C-134(.15m)				3/2/01		/		
C-134(.3m)				3/2/01		/		

Relinquished By: Ryan Marcus 3/2/01 10:12 Date/Time:

Received by: CM Date/Time: 3/2

Relinquished By: Date/Time:

Received by: Date/Time:

Relinquished By: Date/Time:

Received in Lab by: Date/Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal X

Sample Integrity: (Check)
intact ____ on ice X

Nitric tubes

CHAIN OF CUSTODY FORM

Page 7 of

Client Name/Address:
PSI
6067 Nancy Ridge Dr. Suite E
San Diego, CA 92121

Project/PO Number:
592-1E101

Project Manager:
R. Marcos

Phone Number:
858-455-0544

Sampler:
R. Marcos

Fax Number:
858-455-1170

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Pb only	pH	Special Instructions
C-134 (.6m)	Soil	Glass Tube	1	3/2/01	none	—	—	
C-135 (.15m)				3/2/01		—	—	
C-135 (.3m)				3/2/01		—	—	
C-135 (.6m)				3/2/01		—	—	
C-136 (.15m)				3/2/01		—	—	
C-136 (.3m)				3/2/01		—	—	
C-136 (.6m)				3/2/01		—	—	
C-137 (.15m)				3/2/01		—	—	
C-137 (.3m)				3/2/01		—	—	
C-137 (.6m)				3/2/01		—	—	
C-138 (.15m)				3/2/01		—	—	
C-138 (.3m)				3/2/01		—	—	
C-138 (.6m				3/2/01		—	—	
C-139 (.15m)				3/2/01		—	—	

Relinquished By:	Date/Time:	Received by:	Date/Time:
Ryan Marcos	3/2/01 10:16	[illegible]	3/2/01
Relinquished By:	Date/Time:	Received by:	Date/Time:
Relinquished By:	Date/Time:	Received in Lab by:	Date/Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal X

Sample Integrity: (Check)
intact ____ on ice X

Martin Fisher

CHAIN OF CUSTODY FORM

Page 8 of

Client Name/Address:
PSI
6867 Nancy Ridge Dr. Suite E
San Diego, CA 92121

Project/PO Number:
592-1E101

Project Manager:
R. Marcus

Phone Number:
858-455-0564

Sampler:
R. Marcus

Fax Number:
858-455-1170

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	EPA 6010 Pb only	pH	Special Instructions
C-135(.3m)	Soil	Glass Tube	1	3/2/01	none	/	/	
C-135(.6m				3/2/01		/	/	
C-140(.15m)				3/2/01		/		
C-140(.3m)				3/2/01		/		
C-140(.6m)				3/2/01		/		

Relinquished By: Ryan Marcus Date/Time: 3/2/01 10:20

Received by: Am Date/Time: 3/2

Relinquished By: Date/Time:

Received by: Date/Time:

Relinquished By: Date/Time:

Received in Lab by: Date/Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal X

Sample Integrity: (Check)
intact ____ on ice X

15

Matrix tubes

CHAIN OF CUSTODY FORM

Page 1 of 10

Client Name/Address: PSE 6867 Nancy Ridge Drive Suite E San Diego CA 92121

Project/PO Number: 592-1E0101 Caltrans

Project Manager: Ryan Marcus

Phone Number: 858-455-0544

Sampler: Ryan Marcus

Fax Number: 858-455-1170

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	Analysis Required: Lead	Analysis Required: PH	Special Instructions
C-141 (.15m)	Soil	Glass Tube	1	3-9-01	none	✓		
C-141 (.3m)						✓		
C-141 (.6m)						✓		
C-142-(.15m)						✓		
C-142-(.3m)						✓		
C-142-(.6m)						✓		
C-143-(.15m)						✓		
C-143-(.3m)						✓		
C-143-(.6m)						✓	✓	
C-144-(.15m)						✓		
C-144-(.3m)						✓		
C-144-(.6m)						✓		
C-145-(.15m)						✓		
C-145-(.3m)						✓		

Relinquished By: [signature] Date/Time: 3-13 / 1600

Received by: [signature] Date/Time: 3/14/01 10:30 am

Relinquished By: Date/Time:

Received by: Date/Time:

Relinquished By: Date/Time:

Received in Lab by: Date/Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal ✓

Sample Integrity: (Check)
intact ____ on ice ____

CHAIN OF CUSTODY FORM

Client Name/Address: PSE 6867 Nancy Ridge Drive Suite E San Diego CA 92121

Project/PO Number: 592-1E0101 Caltrans

Project Manager: Ryan Marcos

Phone Number: 858-455-0544

Sampler: Ryan Marcos

Fax Number: 858-455-1170

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	Analysis Required: Lead	Analysis Required: PH	Special Instructions
C-145-(.6m)	Soil	Glass Tube	1	3-9-01	none	✓		
C-146 Blank								
C-146-(.15m)						✓		on Hold
C-146-(.3m)						✓		
C-146-(.6m)						✓		
D-1-(.15m)						✓		
D-1-(.3m)						✓		
D-1-(.6m)						✓		
D-2-(.15m)						✓		
D-2-(.3m)						✓	✓	
D-2-(.6m)						✓		
D-3-(.15m)						✓		
D-3-(.3m)						✓		
D-3-(.6m)						✓		

Relinquished By: [signature] Date /Time: 3-13/1600

Received by: [signature] Date /Time: 3/14/01 10:30 Am

Relinquished By: Date /Time:

Received by: Date /Time:

Relinquished By: Date /Time:

Received in Lab by: Date /Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal ✓

Sample Integrity: (Check)
intact ____ on ice ____

CHAIN OF CUSTODY FORM

Client Name/Address: PSI 6867 Nancy Ridge Drive Suite E San Diego CA 92121

Project/PO Number: 592-1E0101 Caltrans

Project Manager: Ryan Marcos

Phone Number: 858-455-0544

Sampler: Ryan Marcos

Fax Number: 858-455-1170

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	Analysis Required: Lead	Analysis Required: pH	Special Instructions
D-4-(.15m)	Soil	Glass Tube	1	3-9-01	none	✓		
D-4-(.3m)						✓	✓	
D-4-(.6m)						✓		
D.5-(.15m)						✓		
D-5-(.3m)						✓		
D-5-(.6m)						✓		
D-6-(.15m)						✓		
D-6-(.3m)						✓		
D-6-(.6m)						✓		
D-7-(.15m)						✓		
D-7-(.3m)						✓		
D-7-(.6m)						✓	✓	
D-8-(.15m)						✓		
D-8-(.3m)						✓		

Relinquished By: [signature] Date /Time: 3-13/1600

Received by: [signature] Date /Time: 3/14/01 10:30 am

Relinquished By: Date /Time:

Received by: Date /Time:

Relinquished By: Date /Time:

Received in Lab by: Date /Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal ✓

Sample Integrity: (Check)
intact ____ on ice ____

CHAIN OF CUSTODY FORM

Page 4 of 10

Client Name/Address: PSE 6867 Nancy Ridge Drive Suite E San Diego CA 92121

Project/PO Number: 552-1E0101 Caltrans

Project Manager: Ryan Marcos

Phone Number: 858-455-0544

Sampler: Ryan Marcos

Fax Number: 858-455-1170

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	Analysis Required: Lead	Analysis Required: PH	Special Instructions
D-8-(.6m)	Soil	Glass Tube	1	3-9-01	none	✓		
D-9-(.15m)						✓		
D-9-(.3m)						✓		
D-9-(.6m)						✓		
D-10-(.15m)						✓		
D-10-(.3m)						✓		
D-10-(.6m)						✓		
D-10 Blank								
D-11-(.15m)						✓	✓	on Hold
D-11-(.3m)						✓		
D-11-(.6m)						✓		
D-12-(.15m)						✓		
D-12-(.3m)						✓		
D-12-(.6m)						✓		

Relinquished By: [signature] Date/Time: 3-13/1600

Received by: [signature] Date/Time: 3/14/01 10:30 am

Relinquished By: Date/Time:

Received by: Date/Time:

Relinquished By: Date/Time:

Received in Lab by: Date/Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal ✓

Sample Integrity: (Check)
intact ____ on ice ____

CHAIN OF CUSTODY FORM

Client Name/Address: PSI 6867 Nancy Ridge Drive Suite E San Diego CA 92121

Project/PO Number: 552-1E0101 Caltrans

Project Manager: Ryan Marcos

Phone Number: 858-455-0544

Sampler: Ryan Marcos

Fax Number: 858-455-1170

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	Analysis Required: Lead	Analysis Required: PH	Special Instructions
D-13-(.15m)	Soil	Glass Tube	1	3-9-01	none	✓		
D-13-(.3m)						✓		
D-13-(.6m)						✓	✓	
D-14-(.15m)						✓		
D-14-(.3m)						✓		
D-14-(.6m)						✓		
D-15-(.15m)						✓		
D-15(.3m)						✓		
D-15 Blank								
D-16-(.15m)						✓		on Hold
D-16-(.3m)						✓		
D-16-(.6m)						✓		
D-17-(.15m)						✓		
D-17-(.3m)						✓		

Relinquished By:	Date /Time:	Received by:	Date /Time:
[signature]	3-13 / 1600	[signature]	3/14/01 10:30 Am
Relinquished By:	Date /Time:	Received by:	Date /Time:
Relinquished By:	Date /Time:	Received in Lab by:	Date /Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal ✓

Sample Integrity: (Check)
intact ____ on ice ____

CHAIN OF CUSTODY FORM

Client Name/Address: PSI 6867 Nancy Ridge Drive Suite E San Diego CA 92121

Project/PO Number: 592-1E0101 Caltrans

Project Manager: Ryan Marcos

Phone Number: 858-455-0544

Sampler: Ryan Marcos

Fax Number: 858-455-1170

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	Analysis Required: Lead	Analysis Required: PH	Special Instructions
D-12-(.6m)	Soil	Glass Tube	1	3-9-01	none	✓	✓	

Relinquished By: Date /Time: 3-13/1600

Received by: Date /Time: 3/13/01, 10:30AM

Relinquished By: Date /Time:

Received by: Date /Time:

Relinquished By: Date /Time:

Received in Lab by: Date /Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal ____

Sample Integrity: (Check)
intact ____ on ice ____

CHAIN OF CUSTODY FORM

Client Name/Address: PSI 6867 Nancy Ridge Drive Suite E. San Diego CA 92121

Project/PO Number: 572-1E0101 Caltrans

Project Manager: Ryan Marcos

Phone Number:

Sampler: Dale Bodman

Fax Number:

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	Lead	PH	Special Instructions
D-18-(.15m)	Soil	Glass Tube	1	3-12-01	none	✓		
D-18-(.3m)						✓		
D-18-(.6m)						✓		
D-19-(.15m)						✓	✓	
D-19-(.3m)						✓		
D-19-(.6m)						✓		
D-20-(.15m)						✓		
D-20-(.3m)						✓		
D-20-(.6m)						✓		
D-20 Blank								
D-21-(.15m)						✓		on Hold
D-21-(.3m)						✓		
D-21-(.6m)						✓		
D-22-(.15m)						✓		

Relinquished By: [signature] Date /Time: 3/13 1600

Received by: [signature] Date /Time: 3/14/01 10:30 Am

Relinquished By: Date /Time:

Received by: Date /Time:

Relinquished By: Date /Time:

Received in Lab by: Date /Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal ✓

Sample Integrity: (Check)
intact ____ on ice ____

CHAIN OF CUSTODY FORM

Client Name/Address: PSE
6867 Nancy Ridge Drive
Suite E. San Diego CA
92121

Project/PO Number: 592-1E0101
Caltrans

Project Manager: Ryan Marcos
Dale Bodman

Phone Number: 858-455-0544

Sampler: [illegible]

Fax Number: 858-455-1170

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	Lead	PH	Special Instructions
D-22-(.3m)	Soil	Glass Tube	1	[redacted] 3-12-01	none	✓		
D-22-(.6m)						✓		
D-23-(.15m)						✓		
D-23-(.3m)						✓		
D-23-(.6m)						✓		
D-24-(.15m)						✓		
D-24-(.3m)						✓		
D-24-(.6m)						✓		
D-25-(.15m)						✓		
D-25-(.3m						✓		
D-25-(.6m)						✓	✓	
D-26-(.15m)						✓		
D-26-(.3m)						✓		
D-26-(.6m)						✓		

Relinquished By: [signature] Date /Time: 3/13 1600

Received by: [signature] Date /Time: 3/14/01 10:30am

Relinquished By: Date /Time:

Received by: Date /Time:

Relinquished By: Date /Time:

Received in Lab by: Date /Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal ✓

Sample Integrity: (Check)
intact ____ on ice ____

CHAIN OF CUSTODY FORM

Client Name/Address: PSE 6867 Nancy Ridge Drive Suite E. San Diego CA 92121

Project/PO Number: 592-1E0101 Caltrans

Project Manager: Ryan Marcos

Sampler: Dale Bodman

Phone Number: 858-455-0544

Fax Number: 858-455-1170

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	Lead	PH	Special Instructions
D-27-(.15m)	Soil	Glass Tube	1	3-12-01	none	✓		
D-27-(.3m)						✓		
D-27-(.6m)						✓	✓	
D-28-(.15m)						✓		
D-28-(.3m)						✓		
D-28-(.6m)						✓		
D-29-(.15m)						✓		
D-29-(.3m)						✓		
D-29-(.6m)						✓		
D-30 Blank								
D-30-(.15m)						✓	✓	on Hold
D-30-(.3m)						✓		
D-30-(.6m)						✓		
D-31-(.15m)						✓		

Relinquished By: [signature] Date/Time: 3-13 1600

Received by: [signature] Date/Time: 3/13/01 10:30 Am

Relinquished By: Date/Time:

Received by: Date/Time:

Relinquished By: Date/Time:

Received in Lab by: Date/Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal ✓

Sample Integrity: (Check)
intact ____ on ice ____

CHAIN OF CUSTODY FORM

Client Name/Address: PSE 6867 Nancy Ridge Drive Suite E. San Diego CA. 92121

Project/PO Number: 592-1E0101 Caltrans

Project Manager: Ryane Marlor

Phone Number: 858-455-0544

Sampler: Dale Bodman

Fax Number: 858-455-1170

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	Analysis Required: Lead	Analysis Required: PH	Special Instructions
D-31-(.3m)	Soil	Glass Tube	1	3-12-01	none	✓		
D-31-(.6m)						✓		
D-32-(.15m)						✓		
D-32-(.3m)						✓	✓	
D-32-(.6m)						✓		
D-33-(.15m)						✓		
D-33-(.3m)						✓		
D-33-(.6m)						✓		
D-34-(.15m)						✓		
D-34-(.3m)						✓		
D-34-(.6m)						✓		

Relinquished By: [signature] Date/Time: 3-13/1600

Received by: [signature] Date/Time: 3/14/01 10:30Am

Relinquished By: Date/Time:

Received by: Date/Time:

Relinquished By: Date/Time:

Received in Lab by: Date/Time:

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal ✓

Sample Integrity: (Check)
intact ____ on ice ____

Soluble Lead – Citric Acid

Advanced Technology Laboratories

Print Date: *08-Mar-01*

CLIENT: PSI
Lab Order: 049638
Project: 592-IE010

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
049638-001A	C-1.15	Soil	2/19/01	3240	4.3	0.15		1	3/8/01
049638-004A	C-2.15	Soil	2/19/01	3240	27	0.3		2	3/8/01
049638-005A	C-2.3	Soil	2/19/01	3240	1.8	0.15		1	3/8/01
049638-006A	C-2.6	Soil	2/19/01	3240	5.5	0.15		1	3/8/01
049638-014A	C-5.15	Soil	2/19/01	3240	4.1	0.15		1	3/8/01
049638-025A	C-8.15	Soil	2/19/01	3240	4.1	0.15		1	3/8/01

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: KA

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *01-Mar-01*

CLIENT: PSI
Lab Order: 049639
Project: 592-IE010

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
049639-006A	C-13.15	Soil	2/20/01	3083	5.5	0.15		1	3/1/01
049639-007A	C-13.3	Soil	2/20/01	3083	5.9	0.15		1	3/1/01
049639-012A	C-15.15	Soil	2/20/01	3083	36	0.45		3	3/1/01
049639-013A	C-15.3	Soil	2/20/01	3083	9.1	0.15		1	3/1/01

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: RA

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *12-Mar-01*

CLIENT:	PSI	**Test No:**	WET/EPA 7420
Lab Order:	049709	**Units:**	mg/L
Project:	592-1ED10	**Analyst:**	NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
049709-034A	C-34 0.15	Soil	2/21/01	3334	1.0	0.15		1	3/12/01
049709-035A	C-34 0.3	Soil	2/21/01	3251	0.92	0.15		1	3/9/01
049709-041A	C-36 0.3	Soil	2/21/01	3251	8.9	0.15		1	3/9/01
049709-042A	C-37 0.15	Soil	2/21/01	3251	13	0.15		1	3/9/01
049709-044A	C-37 0.6	Soil	2/21/01	3334	12	0.15		1	3/12/01
049709-050A	C-39 0.6	Soil	2/21/01	3251	2.2	0.15		1	3/9/01
049709-051A	C-40 .15	Soil	2/21/01	3251	18	0.3		2	3/9/01
049709-060A	C-43 .15	Soil	2/22/01	3251	14	0.15		1	3/9/01
049709-062A	C-44 .15	Soil	2/22/01	3251	18	0.3		2	3/9/01
049709-071A	C-47 .15	Soil	2/22/01	3251	20	0.3		2	3/9/01
049709-074A	C-48 .15	Soil	2/22/01	3334	17	0.3		2	3/12/01
049709-075A	C-48 .3	Soil	2/22/01	3251	0.85	0.15		1	3/9/01

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: RA

Advanced Technology Laboratories

1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *12-Mar-01*

CLIENT: PSI
Lab Order: 049709
Project: 592-1ED10

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
049709-082A	C-51 0.15	Soil	2/22/01	3252	33	0.45		3	3/9/01
049709-085A	C-52 0.15	Soil	2/22/01	3252	23	0.3		2	3/9/01
049709-096A	C-56 0.15	Soil	2/22/01	3252	9.5	0.15		1	3/9/01
049709-102A	C-58 0.15	Soil	2/22/01	3252	2.3	0.15		1	3/9/01
049709-111A	C-61 .15	Soil	2/22/01	3252	9.5	0.15		1	3/9/01
049709-114A	C-62 .15	Soil	2/22/01	3334	9.0	0.15		1	3/12/01
049709-117A	C-63 .15	Soil	2/22/01	3252	31	0.45		3	3/9/01
049709-118A	C-63 .3	Soil	2/22/01	3252	13	0.15		1	3/9/01
049709-128A	C-66 .6	Soil	2/22/01	3252	5.2	0.15		1	3/9/01
049709-138A	C-70 .15	Soil	2/22/01	3252	12	0.15		1	3/9/01
049709-147A	C-73 .15	Soil	2/22/01	3251	30	0.45		3	3/9/01
049709-156A	C-76 .15	Soil	2/22/01	3252	26	0.3		2	3/9/01

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: RA

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *23-Mar-01*

CLIENT: PSI
Lab Order: 049856
Project: 592-1E010

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
049856-010A	C-90.15	Soil	3/1/01	3498	14	0.15		1	3/22/01
049856-027A	C-92.15	Soil	3/1/01	3498	14	0.15		1	3/22/01
049856-036A	C-95.15	Soil	3/1/01	3498	28	0.3		2	3/22/01
049856-037A	C-95.3	Soil	3/1/01	3498	74	0.75		5	3/22/01
049856-038A	C-95.6	Soil	3/1/01	3498	56	0.6		4	3/22/01
049856-046A	C-98.15	Soil	3/1/01	3498	5.4	0.15		1	3/22/01
049856-047A	C-98.3	Soil	3/1/01	3498	4.4	0.15		1	3/22/01
049856-065A	C-101.15	Soil	3/1/01	3498	5.2	0.15		1	3/22/01
049856-077A	C-105.15	Soil	3/1/01	3498	63	0.75		5	3/22/01
049856-078A	C-105.3	Soil	3/1/01	3498	12	0.15		1	3/22/01

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: RA

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Print Date: 23-Mar-01

Advanced Technology Laboratories

CLIENT: PSI
Lab Order: 049935
Project: 592-IE010

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
049935-028A	C-116 (.6M)	Soil	3/2/01	3499	4.3	0.15		1	3/22/01
049935-040A	C-120 (.3M)	Soil	3/2/01	3499	3.5	0.15		1	3/22/01
049935-042A	C-121 (.15)	Soil	3/2/01	3499	3.4	0.15		1	3/22/01
049935-045A	C-122 (.15M)	Soil	3/2/01	3499	7.2	0.15		1	3/22/01
049935-057A	C-125 (.6M)	Soil	3/2/01	3499	5.9	0.15		1	3/22/01
049935-065A	C-128 (.3M)	Soil	3/2/01	3499	8.2	0.15		1	3/22/01
049935-076A	C-131 (.6M)	Soil	3/2/01	3499	6.2	0.15		1	3/22/01
049935-079A	C-132 (.6M)	Soil	3/2/01	3499	10	0.15		1	3/22/01

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Initials: RA

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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: *30-Mar-01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans

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
050058-001A	C-141- (.15M)	Soil	3/9/01	3546	160	1.6		11	3/29/01
050058-010A	C-144-(.15M)	Soil	3/9/01	3546	11	0.15		1	3/29/01
050058-020A	D-1-(.15M)	Soil	3/9/01	3546	24	0.3		2	3/29/01
050058-022A	D-1-(.6M)	Soil	3/9/01	3546	25	0.3		2	3/29/01
050058-023A	D-2-(.15M)	Soil	3/9/01	3546	130	1.5		10	3/29/01
050058-051A	D-11-(.15M)	Soil	3/9/01	3546	15	0.15		1	3/29/01
050058-055A	D-12-(.3M)	Soil	3/9/01	3546	5.6	0.15		1	3/29/01
050058-056A	D-12-(.6M)	Soil	3/9/01	3546	9.4	0.15		1	3/29/01
050058-057A	D-13-(.15M)	Soil	3/9/01	3546	24	0.3		2	3/29/01
050058-063A	D-15-(.15M)	Soil	3/9/01	3546	74	0.75		5	3/29/01
050058-066A	D-16-(.15M)	Soil	3/9/01	3547	5.8	0.15		1	3/29/01
050058-068A	D-16-(.6M)	Soil	3/9/01	3547	8.5	0.15		1	3/29/01

Qualifiers:
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Initials: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *30-Mar-01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans

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
050058-080A	D-20-(.6M)	Soil	3/12/01	3547	1.6	0.15		1	3/29/01
050058-088A	D-23-(.15M)	Soil	3/12/01	3547	280	3		20	3/29/01
050058-089A	D-23-(.3M)	Soil	3/12/01	3547	0.84	0.15		1	3/29/01
050058-093A	D-24-(.6M)	Soil	3/12/01	3547	21	0.3		2	3/29/01
050058-094A	D-25-(.15M)	Soil	3/12/01	3547	32	0.45		3	3/29/01
050058-095A	D-25-(.3M)	Soil	3/12/01	3547	5.1	0.15		1	3/29/01
050058-107A	D-29-(.3M)	Soil	3/12/01	3547	3.5	0.15		1	3/29/01

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1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *01-Mar-01*

CLIENT: PSI
Work Order: 049639
Project: 592-IE010

QC SUMMARY REPORT
Method Blank

Sample ID MB-3083 Batch ID: 3083 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/1/01 Prep Date: 2/26/01
MBLK SeqNo: 102537

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15									

Qualifiers:
ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: RA

Advanced Technology Laboratories

Date: *01-Mar-01*

CLIENT: PSI
Work Order: 049639
Project: 592-IE010

QC SUMMARY REPORT

Sample Duplicate

Sample ID 049639-010A Batch ID: 3083 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/1/01 Prep Date: 2/26/01

DUP SeqNo: 102542

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.04	0.15	0	0	0	0	0	9.085	1	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: RA

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Advanced Technology Laboratories

Date: *01-Mar-01*

CLIENT: PSI
Work Order: 049639
Project: 592-IE010

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID 049639-013A Batch ID: 3083 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/1/01 Prep Date: 2/26/01
MS SeqNo: 102543

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	13.66	0.15	5	9.085	92	80	120	0			

Sample ID 049639-013A Batch ID: 3083 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/1/01 Prep Date: 2/26/01
MSD SeqNo: 102544

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	13.7	0.15	5	9.085	92	80	120	13.66	0	20	

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

Initials: RA

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Advanced Technology Laboratories

Date: *01-Mar-01*

CLIENT: PSI
Work Order: 049639
Project: 592-IE010

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID LCS-3083 Batch ID: 3083 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/1/01 Prep Date: 2/26/01

LCS SeqNo: 102545

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	10.35	0.15	10	0	103	80	120	0			

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

Initials: RA

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Advanced Technology Laboratories

Date: *12-Mar-01*

CLIENT: PSI
Work Order: 049709
Project: 592-1ED10

QC SUMMARY REPORT
Method Blank

Sample ID MB-3251 Batch ID: 3251 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/9/01 Prep Date: 3/6/01
MBLK SeqNo: 106541

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15									

Sample ID MB-3252 Batch ID: 3252 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/9/01 Prep Date: 3/6/01
MBLK SeqNo: 106556

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15									

Sample ID MB-3334 Batch ID: 3334 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/12/01 Prep Date: 3/12/01
MBLK SeqNo: 107626

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15									

Qualifiers: ND - Not Detected at the Reporting Limit
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Initials: RA

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Advanced Technology Laboratories

Date: *12-Mar-01*

CLIENT: PSI
Work Order: 049709
Project: 592-1ED10

QC SUMMARY REPORT

Sample Duplicate

Sample ID 049709-075A Batch ID: 3251 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/9/01 Prep Date: 3/6/01
DUP SeqNo: 106552

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.026	0.15	0	0	0	0	0	0.8524	19	30	

Sample ID 049709-156A Batch ID: 3252 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/9/01 Prep Date: 3/6/01
DUP SeqNo: 106557

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	37	0.45	0	0	0	0	0	25.68	36	30	R

Sample ID 049709-114A Batch ID: 3334 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/12/01 Prep Date: 3/12/01
DUP SeqNo: 107631

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	8.519	0.15	0	0	0	0	0	9.021	6	30	

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

Initials: RA

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Advanced Technology Laboratories

Date: *12-Mar-01*

CLIENT: PSI
Work Order: 049709
Project: 592-1ED10

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID 049709-075A Batch ID: 3251 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/9/01 Prep Date: 3/6/01
MS SeqNo: 106553

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.769	0.15	5	0.8524	98	80	120	0			

Sample ID 09709-075A Batch ID: 3251 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/9/01 Prep Date:
MSD SeqNo: 106554

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.779	0.15	5	0	116	80	120	0			

Sample ID 049709-156A Batch ID: 3252 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/9/01 Prep Date: 3/6/01
MS SeqNo: 106568

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	40.71	0.45	15	25.68	100	80	120	0			

Sample ID 049709-156A Batch ID: 3252 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/9/01 Prep Date: 3/6/01
MSD SeqNo: 106569

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	40.97	0.45	15	25.68	102	80	120	40.71	1	20	

Sample ID 049709-114A Batch ID: 3334 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/12/01 Prep Date: 3/12/01
MS SeqNo: 107632

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	13.71	0.15	5	9.021	94	80	120	0			

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

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: PSI
Work Order: 049709
Project: 592-1ED10

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID 049709-114A Batch ID: 3334 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/12/01 Prep Date: 3/12/01

MSD SeqNo: 107633

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	13.79	0.15	5	9.021	95	80	120	13.71	1	20	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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M - Not Monitored, Highly Reactive
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DO - Surrogate Diluted Out

Initials: RA

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1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *12-Mar-01*

CLIENT: PSI
Work Order: 049709
Project: 592-1ED10

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID LCS-3251 Batch ID: 3251 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/9/01 Prep Date: 3/6/01
LCS SeqNo: 106555

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.985	0.15	10	0	100	80	120	0			

Sample ID LCS-3252 Batch ID: 3252 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/9/01 Prep Date: 3/6/01
LCS SeqNo: 106570

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.608	0.15	10	0	96	80	120	0			

Sample ID LCS-3334 Batch ID: 3334 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/12/01 Prep Date: 3/12/01
LCS SeqNo: 107634

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	10.27	0.15	10	0	103	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: RA

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *08-Mar-01*

CLIENT: PSI
Work Order: 049638
Project: 592-IE010

QC SUMMARY REPORT
Method Blank

Sample ID MB-3240 Batch ID: 3240 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/8/01 Prep Date: 3/5/01
MBLK SeqNo. 105812

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15									J

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

Initials: RA

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *08-Mar-01*

CLIENT: PSI
Work Order: 049638
Project: 592-IE010

QC SUMMARY REPORT
Sample Duplicate

Sample ID 049638-014A DUP Batch ID: 3240 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/8/01 Prep Date: 3/5/01
SeqNo: 105822

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.973	0.15	0	0	0	0	0	4.124	32	30	R

Qualifiers:
ND - Not Detected at the Reporting Limit
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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: RA

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *08-Mar-01*

CLIENT: PSI
Work Order: 049638
Project: 592-IE010

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID 049638-014A Batch ID: 3240 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/8/01 Prep Date: 3/5/01
MS SeqNo: 105823

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.18	0.15	5	4.124	101	80	120	0			

Sample ID 049638-014A Batch ID: 3240 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/8/01 Prep Date: 3/5/01
MSD SeqNo: 105824

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.243	0.15	5	4.124	102	80	120	9.18	1	20	

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

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Advanced Technology Laboratories

Date: *08-Mar-01*

CLIENT: PSI
Work Order: 049638
Project: 592-IE010

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID LCS-3240 Batch ID: 3240 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/8/01 Prep Date: 3/5/01

LCS SeqNo: 105825

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	10.21	0.15	10	0.04082	102	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: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: 23-Mar-01

CLIENT: PSI
Work Order: 049935
Project: 592-IF010

QC SUMMARY REPORT

Sample Duplicate

Sample ID 049935-028A DUP Batch ID: 3499 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/22/01 Prep Date: 3/20/01

SeqNo: 111949

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.344	0.15	0	0	0	0	0	4.317	59	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: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *23-Mar-01*

CLIENT: PSI
Work Order: 049935
Project: 592-IE010

QC SUMMARY REPORT
Method Blank

Sample ID MB-3499 Batch ID: 3499 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/22/01 Prep Date: 3/20/01
MBLK SeqNo: 111939

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15									

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: RA

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Date: *23-Mar-01*

CLIENT: PSI
Work Order: 049935
Project: 592-IE010

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID 049935-028A Batch ID: 3499 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/22/01 Prep Date: 3/20/01
MS SeqNo: 111950

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	8.796	0.15	5	4.317	90	80	120	0			

Sample ID 049935-028A Batch ID: 3499 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/22/01 Prep Date: 3/20/01
MSD SeqNo: 111951

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	8.875	0.15	5	4.317	91	80	120	8.796	1	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: RA

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Advanced Technology Laboratories

Date: *23-Mar-01*

CLIENT: PSI
Work Order: 049935
Project: 592-IE010

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID LCS-3499 Batch ID: 3499 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/22/01 Prep Date: 3/20/01

LCS SeqNo: 111952

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.226	0.15	10	0	92	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: RA

Advanced Technology Laboratories

Date: *23-Mar-01*

CLIENT: PSI
Work Order: 049856
Project: 592-1E010

QC SUMMARY REPORT

Method Blank

Sample ID MB-3437 Batch ID: 3437 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01

MBLK SeqNo: 111473

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

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Advanced Technology Laboratories

Date: *23-Mar-01*

CLIENT: PSI
Work Order: 049856
Project: 592-1E010

QC SUMMARY REPORT
Sample Duplicate

Sample ID 050058-114A DUP | Batch ID: 3437 | Test Name LEAD BY ICP | Units mg/Kg | Analysis Date: 3/21/01 | Prep Date: 3/19/01 | SeqNo: 111455

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.536	5.0	0	0	0	0	0	4.145	29	30	

Sample ID 050058-124A DUP | Batch ID: 3437 | Test Name LEAD BY ICP | Units mg/Kg | Analysis Date: 3/21/01 | Prep Date: 3/19/01 | SeqNo: 111469

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.33	5.0	0	0	0	0	0	1.985	16	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: RA

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Advanced Technology Laboratories

Date: 23-Mar-01

CLIENT: PSI
Work Order: 049856
Project: 592-1E010

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID 050058-114A Batch ID: 3437 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01

MS SeqNo: 111456

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	158.3	5.0	250	4.145	62	47	128	0			

Sample ID 050058-124A Batch ID: 3437 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01

MS SeqNo: 111470

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	174.7	5.0	250	1.985	69	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: RA

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Advanced Technology Laboratories

Date: *23-Mar-01*

CLIENT: PSI
Work Order: 049856
Project: 592-1E010

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID LCS-3437 Batch ID: 3437 Test Name LEAD BY ICP Units mg/Kg Analysis Date: 3/21/01 Prep Date: 3/19/01

LCS SeqNo: 111472

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	239.6	5.0	250	0.194	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: RA

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Date: *23-Mar-01*

Advanced Technology Laboratories

CLIENT: PSI
Work Order: 049856
Project: 592-1E010

QC SUMMARY REPORT
Method Blank

Sample ID MB-3498 Batch ID: 3498 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/22/01 Prep Date: 3/20/01
MBLK SeqNo: 111923

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15									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: RA

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Advanced Technology Laboratories

Date: *23-Mar-01*

CLIENT: PSI
Work Order: 049856
Project: 592-1E010

QC SUMMARY REPORT
Sample Duplicate

Sample ID 049856-038A Batch ID: 3498 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/22/01 Prep Date: 3/20/01
DUP SeqNo: 111935

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	72.59	0.75	0	0	0	0	0	55.92	26	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: RA

Date: 23-Mar-01

Advanced Technology Laboratories

QC SUMMARY REPORT

Sample Matrix Spike

CLIENT: PSI
Work Order: 049856
Project: 592-1E010

Sample ID 049856-038A Batch ID: 3498 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/22/01 Prep Date: 3/20/01

SeqNo: 111936

MS

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	86.52	0.90	30	55.92	102	80	120	0			

Sample ID 049856-038A Batch ID: 3498 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/22/01 Prep Date: 3/20/01

SeqNo: 111937

MSD

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	87.2	0.90	30	55.92	104	80	120	86.52	1	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

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Date: *23-Mar-01*

Advanced Technology Laboratories

CLIENT: PSI
Work Order: 049856
Project: 592-1E010

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID LCS-3498 Batch ID: 3498 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/22/01 Prep Date: 3/20/01

LCS SeqNo: 111938

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.398	0.15	10	0.0754	93	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: RA

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Advanced Technology Laboratories

Print Date: *3/21/01*

CLIENT: PSI
Lab Order: 049709
Project: 592-1ED10
Lab ID: 049709-052A

Client Sample ID: C-40 .3
Collection Date: 2/21/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			Analyst: NS
RunID: **AA2_010319C** BatchID: **3420**			**Solid/ Stlc Extract**			PrepDate: **3/16/01**
Lead	2.9	0.15		mg/L	1	3/19/01

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: RA

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Advanced Technology Laboratories

Date: 21-Mar-01

CLIENT: PSI
Work Order: 049709
Project: 592-1ED10

QC SUMMARY REPORT
Method Blank

Sample ID MB-3420 Batch ID: 3420 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/19/01 Prep Date: 3/16/01

MBLK SeqNo: 110107

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15									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: RA

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Advanced Technology Laboratories

Date: *21-Mar-01*

CLIENT: PSI
Work Order: 049709
Project: 592-1ED10

QC SUMMARY REPORT

Sample Duplicate

Sample ID 049851-059A Batch ID: 3420 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/19/01 Prep Date: 3/16/01

DUP SeqNo: 110118

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.566	0.15	0	0	0	0	0	1.787	13	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
I - 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: RA

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Advanced Technology Laboratories

Date: *21-Mar-01*

CLIENT: PSI
Work Order: 049709
Project: 592-1ED10

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID 049851-059A Batch ID: 3420 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/19/01 Prep Date: 3/16/01

MS SeqNo: 110119

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	6.51	0.15	5	1.787	94	80	120	0			

Sample ID 049851-059A Batch ID: 3420 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/19/01 Prep Date: 3/16/01

MSD SeqNo: 110120

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	6.585	0.15	5	1.787	96	80	120	6.51	1	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: RA

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Advanced Technology Laboratories

Date: *21-Mar-01*

QC SUMMARY REPORT

Laboratory Control Spike - generic

CLIENT: PSI
Work Order: 049709
Project: 592-1ED10

Sample ID LCS-3420 Batch ID: 3420 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/19/01 Prep Date: 3/16/01

LCS SeqNo: 110121

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.664	0.15	10	0.08706	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: RA

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3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *30-Mar-01*

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT
Method Blank

Sample ID MB-3546 Batch ID: 3546 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/29/01 Prep Date: 3/26/01
MBLK SeqNo: 113992

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15									

Sample ID MB-3547 Batch ID: 3547 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/29/01 Prep Date: 3/26/01
MBLK SeqNo: 114009

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15									

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: RA

Advanced Technology Laboratories

Date: *30-Mar-01*

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT

Sample Duplicate

Sample ID 050058-063A DUP | Batch ID: 3546 | Test Name LEAD BY ATOMIC ABSORPTION | Units mg/L | Analysis Date: 3/29/01 | Prep Date: 3/26/01
SeqNo: 114005

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	56.5	0.75	0	0	0	0	0	74.24	27	30	

Sample ID 050058-107A DUP | Batch ID: 3547 | Test Name LEAD BY ATOMIC ABSORPTION | Units mg/L | Analysis Date: 3/29/01 | Prep Date: 3/26/01
SeqNo: 114019

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3.887	0.15	0	0	0	0	0	3.498	11	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: RA

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Advanced Technology Laboratories

Date: *30-Mar-01*

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID 050058-063A Batch ID: 3546 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/29/01 Prep Date: 3/26/01
MS SeqNo: 114006

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	113.4	1.2	40	74.24	98	80	120	0			

Sample ID 050058-063A Batch ID: 3546 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/29/01 Prep Date: 3/26/01
MSD SeqNo: 114007

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	114	1.2	40	74.24	99	80	120	113.4	1	20	

Sample ID 050058-107A Batch ID: 3547 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/29/01 Prep Date: 3/26/01
MS SeqNo: 114020

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	8.491	0.15	5	3.498	100	80	120	0			

Sample ID 050058-107A Batch ID: 3547 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/29/01 Prep Date: 3/26/01
MSD SeqNo: 114021

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	8.505	0.15	5	3.498	100	80	120	8.491	0	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: RA

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Advanced Technology Laboratories

Date: 30-Mar-01

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID LCS-3546 Batch ID: 3546 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/29/01 Prep Date: 3/26/01
LCS SeqNo: 114008

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.287	0.15	10	0	93	80	120	0			

Sample ID LCS-3547 Batch ID: 3547 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/29/01 Prep Date: 3/26/01
LCS SeqNo: 114022

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.367	0.15	10	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: RA

CLIENT: PSI
Project: 592-IE0101/Caltrans
Lab Order: 050058

CASE NARRATIVE

Enclosed is the report for additional analysis requested on April 25, 2001.

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-1-(.3M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-021A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3836**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.41	0.15		mg/L	1.0	5/1/01

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: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-024A

Client Sample ID: D-2-(.3M)
Collection Date: 3/9/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3836**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.49	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-2-(.6M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-025A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3836**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.42	0.15		mg/L	1.0	5/1/01

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: RA

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Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-026A

Client Sample ID: D-3-(.5M)
Collection Date: 3/9/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3836**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	3.5	0.15		mg/L	1.0	5/1/01

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: RA

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Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-3-(.3M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-027A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3836**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.68	0.15		mg/L	1.0	5/1/01

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: RA

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Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-028A

Client Sample ID: D-3-(.6M)
Collection Date: 3/9/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3836**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.79	0.15		mg/L	1.0	5/1/01

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: RA

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Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-4-(.15M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-029A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3836**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	2.6	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-4-(.3M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-030A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3836**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	1.3	0.15		mg/L	1.0	5/1/01

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: RA

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Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-4-(.6M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-031A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3836**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	3.7	0.15		mg/L	1.0	5/1/01

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: RA

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Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-032A

Client Sample ID: D-5-(.15M)
Collection Date: 3/9/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3836**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.48	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-5-(.3M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-033A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3836**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.22	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-034A

Client Sample ID: D-5-(.6M)
Collection Date: 3/9/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3836**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.30	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-6-(.15M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-035A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3836**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.42	0.15		mg/L	1.0	5/1/01

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: RA

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Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-036A

Client Sample ID: D-6-(.3M)
Collection Date: 3/9/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3836**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.26	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-6-(.6M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-037A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3836**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.26	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-038A

Client Sample ID: D-7-(.15M)
Collection Date: 3/9/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3836**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.41	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-7-(.3M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-039A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3836**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.62	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-040A

Client Sample ID: D-7-(.6M)
Collection Date: 3/9/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3836**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.54	0.15		mg/L	1.0	5/1/01

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: RA

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Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-8-(.15M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-041A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3836**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.65	0.15		mg/L	1.0	5/1/01

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: RA

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Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-042A

Client Sample ID: D-8-(.3M)
Collection Date: 3/9/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3836**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.42	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-8-(.6M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-043A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3969**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	ND	0.15		mg/L	1.0	5/1/01

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: RA

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Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-9-(.15M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-044A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3969**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	1.1	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-9-(.3M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-045A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3969**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	ND	0.15		mg/L	1.0	5/1/01

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: RA

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Print Date: 5/1/01

CLIENT:	PSI	**Client Sample ID:**	D-9-(.6M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-046A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3969**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	ND	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-10-(.15M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-047A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3969**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.24	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-10-(.3M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-048A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3969**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.25	0.15		mg/L	1.0	5/1/01

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: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-049A

Client Sample ID: D-10-(.6M)
Collection Date: 3/9/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3969**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	ND	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-11-(.3M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-052A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3969**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.30	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-11-(.6M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-053A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3969**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	ND	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-054A

Client Sample ID: D-12-(.15M)
Collection Date: 3/9/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3969**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	1.0	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-058A

Client Sample ID: D-13-(.3M)
Collection Date: 3/9/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3969**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	ND	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	[illegible]	Client Sample ID:	D-13-(.6M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-059A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3969**			PrepDate: **4/26/01**			Analyst: **NS**
Lead	0.91	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-060A

Client Sample ID: D-14-(.15M)
Collection Date: 3/9/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3969**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	ND	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-14-(.3M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-061A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3969**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	ND	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-14-(.6M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-062A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3969**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	1.1	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-15-(.3M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-064A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3969**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.79	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-16-(.3M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-067A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3969**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	ND	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-17-(.15M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-069A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3969**			PrepDate: **4/26/01**			Analyst: **NS**
Lead	ND	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-070A

Client Sample ID: D-17-(.3M)
Collection Date: 3/9/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION				**WET/ EPA 7420**		
RunID: **AA2_010501A** BatchID: **3969**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	ND	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-17-(.6M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/9/01
Lab ID:	050058-071A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3969**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.23	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-072A

Client Sample ID: D-18-(.15M)
Collection Date: 3/12/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3974**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	ND	0.15		mg/L	1.0	5/1/01

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: RA

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-18-(.3M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/12/01
Lab ID:	050058-073A	**Matrix:**	Soil

Analyses	Result	Limit	Quan	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3974**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	ND	0.15		mg/L	1.0	5/1/01

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: OA

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-074A

Client Sample ID: D-18-(.6M)
Collection Date: 3/12/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3974**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.70	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-19-(.15M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/12/01
Lab ID:	050058-075A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3974**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	ND	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-076A

Client Sample ID: D-19-(.3M)
Collection Date: 3/12/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3974**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	ND	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-19-(.6M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/12/01
Lab ID:	050058-077A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3974**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.36	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-078A

Client Sample ID: D-20-(.15M)
Collection Date: 3/12/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3974**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.44	0.15		mg/L	1.0	5/1/01

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: RA

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-20-(.3M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/12/01
Lab ID:	050058-079A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3974**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.65	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-082A

Client Sample ID: D-21-(.15M)
Collection Date: 3/12/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3974**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.64	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-21-(.3M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/12/01
Lab ID:	050058-083A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3974**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.61	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-084A

Client Sample ID: D-21-(.6M)
Collection Date: 3/12/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION				**WET/ EPA 7420**		
RunID: **AA2_010501A** BatchID: **3974**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.46	0.15		mg/L	1.0	5/1/01

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: RA

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced **Technology Laboratories** **Print Date:** *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-22-(.15M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/12/01
Lab ID:	050058-085A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3974**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	1.7	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-086A

Client Sample ID: D-22-(.3M)
Collection Date: 3/12/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION				**WET/ EPA 7420**		
RunID: **AA2_010501A** BatchID: **3974**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	2.9	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: 5/1/01

CLIENT:	PSI	**Client Sample ID:**	D-22-(.6M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/12/01
Lab ID:	050058-087A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3974**			PrepDate: **4/26/01**			Analyst: **NS**
Lead	0.57	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-090A

Client Sample ID: D-23-(.6M)
Collection Date: 3/12/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3974**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.68	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-24-(.15M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/12/01
Lab ID:	050058-091A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3974**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	1.6	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-092A

Client Sample ID: D-24-(.3M)
Collection Date: 3/12/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3974**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	1.3	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: 5/1/01

CLIENT:	PSI	**Client Sample ID:**	D-25-(.6M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/12/01
Lab ID:	050058-096A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3974**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	3.8	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-097A

Client Sample ID: D-26-(.15M)
Collection Date: 3/12/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3974**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	1.8	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-26-(.3M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/12/01
Lab ID:	050058-098A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501A** BatchID: **3974**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	1.0	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-099A

Client Sample ID: D-26-(.6M)
Collection Date: 3/12/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION				**WET/ EPA 7420**		
RunID: **AA2_010501B** BatchID: **3981**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.36	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-27-(.15M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/12/01
Lab ID:	050058-100A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501B** BatchID: **3981**			PrepDate: **4/26/01**			Analyst: **NS**
Lead	6.6	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-101A

Client Sample ID: D-27-(.3M)
Collection Date: 3/12/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501B** BatchID: **3981**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	1.3	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-27-(.6M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/12/01
Lab ID:	050058-102A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501B** BatchID: **3981**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.96	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-28-(.15M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/12/01
Lab ID:	050058-103A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501B** BatchID: **3981**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	2.4	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

Client:	PSI	**Client Sample ID:**	D-28-(.3M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/12/01
Lab ID:	050058-104A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501B** BatchID: **3981**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	1.1	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-28-(.6M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/12/01
Lab ID:	050058-105A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501B** BatchID: **3981**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.93	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: 5/1/01

CLIENT: PSI
Lab Order:
Project: 592-IE0101/Caltrans
Lab ID: 050058-106A

Client Sample ID: D-29-(.15M)
Collection Date: 3/12/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501B** BatchID: **3981**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	2.0	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-108A

Client Sample ID: D-29-(.6M)
Collection Date: 3/12/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501B** BatchID: **3981**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	1.4	0.15		mg/L	1.0	5/1/01

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: RA

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-110A

Client Sample ID: D-30-(.15M)
Collection Date: 3/12/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			WET/ EPA 7420			
RunID: AA2_010501B BatchID: 3981				PrepDate: 4/26/01		Analyst: NS
Lead	0.52	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-30-(.3M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/12/01
Lab ID:	050058-111A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501B** BatchID: **3981**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	3.1	0.15		mg/L	1.0	5/1/01

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: RA

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: 5/1/01

CLIENT:	PSI	**Client Sample ID:**	D-30-(.6M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/12/01
Lab ID:	050058-112A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501B** BatchID: **3981**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.75	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-113A

Client Sample ID: D-31-(.15M)
Collection Date: 3/12/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION				**WET/ EPA 7420**		
RunID: **AA2_010501B** BatchID: **3981**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.91	0.15		mg/L	1.0	5/1/01

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: RA

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-31-(.3M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/12/01
Lab ID:	050058-114A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501B** BatchID: **3981**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	0.34	0.15		mg/L	1.0	5/1/01

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: RA

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-115A

Client Sample ID: D-31-(.6M)
Collection Date: 3/12/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501B** BatchID: **3981**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	1.8	0.15		mg/L	1.0	5/1/01

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: RA

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-32-(.15M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/12/01
Lab ID:	050058-116A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501B** BatchID: **3981**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	1.5	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-117A

Client Sample ID: D-32-(.3M)
Collection Date: 3/12/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION				**WET/ EPA 7420**		
RunID: **AA2_010501B** BatchID: **3981**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	1.3	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-32-(.6M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/12/01
Lab ID:	050058-118A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501B** BatchID: **3981**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	1.4	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-119A

Client Sample ID: D-33-(.15M)
Collection Date: 3/12/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION				**WET/ EPA 7420**		
RunID: **AA2_010501B** BatchID: **3981**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	2.7	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-33-(.3M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/12/01
Lab ID:	050058-120A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501B** BatchID: **3981**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	2.8	0.15		mg/L	1.0	5/1/01

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: RA

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-121A

Client Sample ID: D-33-(.6M)
Collection Date: 3/12/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION				**WET/ EPA 7420**		
RunID: **AA2_010501B** BatchID: **3982**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	ND	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-34-(.15M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/12/01
Lab ID:	050058-122A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501B** BatchID: **3982**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	ND	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans
Lab ID: 050058-123A

Client Sample ID: D-34-(.3M)
Collection Date: 3/12/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501B** BatchID: **3982**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	ND	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Print Date: *5/1/01*

CLIENT:	PSI	**Client Sample ID:**	D-34-(.6M)
Lab Order:	050058		
Project:	592-IE0101/Caltrans	**Collection Date:**	3/12/01
Lab ID:	050058-124A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION			**WET/ EPA 7420**			
RunID: **AA2_010501B** BatchID: **3982**				PrepDate: **4/26/01**		Analyst: **NS**
Lead	ND	0.15		mg/L	1.0	5/1/01

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: RA

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Advanced Technology Laboratories

Date: *01-May-01*

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT
Method Blank

Sample ID **MB-3836A** Batch ID: **3836** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **5/1/01** Prep Date: **4/26/01**
MBLK SeqNo: **128517**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15		0				0			

Sample ID **MB-3836B** Batch ID: **3836** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **5/1/01** Prep Date: **4/26/01**
MBLK SeqNo: **128530**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15		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: RA

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Advanced Technology Laboratories

Date: *01-May-01*

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT

Sample Duplicate

Sample ID **050058-032A** Batch ID: **3836** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **5/1/01** Prep Date: **4/26/01**
DUP SeqNo: **128528**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.51	0.15	0	0	0	0	0	0.48	6	30	

Sample ID **050058-042A** Batch ID: **3836** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **5/1/01** Prep Date: **4/26/01**
DUP SeqNo: **128541**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.44	0.15	0	0	0	0	0	0.42	6	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: RA

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Advanced Technology Laboratories

Date: *01-May-01*

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **050058-032A** Batch ID: **3836** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **5/1/01** Prep Date: **4/26/01**
MS SeqNo: **128529**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.9	0.15	5	0.48	89	80	120	0			

Sample ID **050058-042A** Batch ID: **3836** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **5/1/01** Prep Date: **4/26/01**
MS SeqNo: **128542**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.8	0.15	5	0.42	87	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: RA

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Advanced Technology Laboratories

Date: 01-May-01

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID LCS-3836 Batch ID: 3836 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 5/1/01 Prep Date: 4/26/01

LCS SeqNo: 128545

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9	0.15	10	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: RA

Advanced Technology Laboratories
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Advanced Technology Laboratories

Date: *01-May-01*

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT
Method Blank

Sample ID **MB-3981A** Batch ID: **3981** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **5/1/01** Prep Date: **4/26/01**
MBLK SeqNo: **128614**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15		0				0			J

Sample ID **MB-3981B** Batch ID: **3981** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **5/1/01** Prep Date: **4/26/01**
MBLK SeqNo: **128627**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15		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: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *01-May-01*

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT

Sample Duplicate

Sample ID **050058-110A** Batch ID: **3981** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **5/1/01** Prep Date: **4/26/01**
DUP SeqNo: **128625**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.56	0.15	0	0	0	0	0	0.52	6	30	

Sample ID **050058-120A** Batch ID: **3981** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **5/1/01** Prep Date: **4/26/01**
DUP SeqNo: **128638**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.6	0.15	0	0	0	0	0	2.8	49	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: RA

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Advanced Technology Laboratories

Date: *01-May-01*

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **050058-110A** Batch ID: **3981** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **5/1/01** Prep Date: **4/26/01**
MS SeqNo: **128626**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.8	0.15	5	0.52	86	80	120	0			

Sample ID **050058-120A** Batch ID: **3981** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **5/1/01** Prep Date: **4/26/01**
MS SeqNo: **128639**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	7	0.15	5	2.8	84	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: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *01-May-01*

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-3981** Batch ID: **3981** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **5/1/01** Prep Date: **4/26/01**

LCS SeqNo: **128641**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.2	0.15	10	0	92	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: RA

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Engineering • Consulting • Testing

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From:

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PLEASE DELIVER AS SOON AS POSSIBLE. OPERATOR INITIALS: _____

Writer's direct fax: (858) 455-1170

NOTES: please run D-1 to D-34 WET w/ Citric Acid
- the circled results on the following pages have already been analyzed w/ citric acid, so just run the ones the are not circled.
- I need 48-Hr. turnaround.

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Information To Build On

B-900-166 (3)

Professional Service Industries, Inc. • 6867 Nancy Ridge Drive, Suite E • San Diego, CA 92121 • Phone 858/455-0544

Print Date: 22-Mar-01

Advanced Technology Laboratories

CLIENT: PSI
Lab Order: 050058
Project: 592-1E0101/Cameron

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
050058-013A	C-145-(.15M)	Soil	3/9/01	3432	ND	5		1	3/21/01
050058-014A	C-145-(.3M)	Soil	3/9/01	3432	ND	5		1	3/21/01
050058-015A	C-145-(.6M)	Soil	3/9/01	3432	ND	5		1	3/21/01
050058-017A	C-146-(.15M)	Soil	3/9/01	3432	ND	5		1	3/21/01
050058-018A	C-146-(.3M)	Soil	3/9/01	3432	ND	5		1	3/21/01
050058-019A	C-146-(.6M)	Soil	3/9/01	3432	ND	5		1	3/21/01
050058-020A	D-1-(.15M)	Soil	3/9/01	3432	170	5		1	3/21/01
050058-021A	D-1-(.3M)	Soil	3/9/01	3433	ND	5		1	3/21/01
050058-022A	D-1-(.6M)	Soil	3/9/01	3433	300	5		1	3/21/01
050058-023A	D-2-(.15M)	Soil	3/9/01	3433	1000	5		1	3/21/01
050058-024A	D-2-(.3M)	Soil	3/9/01	3433	ND	5		1	3/21/01
050058-025A	D-2-(.6M)	Soil	3/9/01	3433	ND	5		1	3/21/01

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 - Sample exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

2

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Print Date: 22-Mar-01

Advanced Technology Laboratories

CLIENT: PSI
Lab Order: 050058
Project: 592-I20101/Caltrans

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
050058-026A	D-3-(.5M)	Soil	3/9/01	3433	41	5		1	3/21/01
050058-027A	D-3-(.3M)	Soil	3/9/01	3433	ND	5		1	3/21/01
050058-028A	D-3-(.6M)	Soil	3/9/01	3433	ND	5		1	3/21/01
050058-029A	D-4-(.15M)	Soil	3/9/01	3433	36	5		1	3/21/01
050058-030A	D-4-(.3M)	Soil	3/9/01	3433	16	5		1	3/21/01
050058-031A	D-4-(.6M)	Soil	3/9/01	3433	31	5		1	3/21/01
050058-032A	D-5-(.15M)	Soil	3/9/01	3433	ND	5		1	3/21/01
050058-033A	D-5-(.3M)	Soil	3/9/01	3433	ND	5		1	3/21/01
050058-034A	D-5-(.6M)	Soil	3/9/01	3433	ND	5		1	3/21/01
050058-035A	D-6-(.15M)	Soil	3/9/01	3433	5.6	5		1	3/21/01
050058-036A	D-6-(.3M)	Soil	3/9/01	3433	7.2	5		1	3/21/01
050058-037A	D-6-(.6M)	Soil	3/9/01	3433	ND	5		1	3/21/01

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 out of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored, Highly Reactive

Initials: RA

3

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Print Date: 22-Mar-01

Advanced Technology Laboratories

CLIENT: PSI
Lab Order: 050058
Project: 592-1E01.01/Calmant

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
050058-038A	D-7-(.15M)	Soil	3/9/01	3433	ND	5		1	3/21/01
050058-039A	D-7-(.3M)	Soil	3/9/01	3433	11	5		1	3/21/01
050058-040A	D-7-(.6M)	Soil	3/9/01	3433	11	5		1	3/21/01
050058-041A	D-8-(.15M)	Soil	3/9/01	3434	6.7	5		1	3/21/01
050058-042A	D-8-(.3M)	Soil	3/9/01	3434	5.0	5		1	3/21/01
050058-043A	D-8-(.6M)	Soil	3/9/01	3434	ND	5		1	3/21/01
050058-044A	D-9-(.15M)	Soil	3/9/01	3434	12	5		1	3/21/01
050058-045A	D-9-(.3M)	Soil	3/9/01	3434	ND	5		1	3/21/01
050058-046A	D-9-(.6M)	Soil	3/9/01	3434	ND	5		1	3/21/01
050058-047A	D-10-(.15M)	Soil	3/9/01	3434	ND	5		1	3/21/01
050058-048A	D-10-(.3M)	Soil	3/9/01	3434	ND	5		1	3/21/01
050058-049A	D-10-(.6M)	Soil	3/9/01	3434	ND	5		1	3/21/01

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 Measured, Highly Reactive

Initials: RA

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Print Date: 22-Mar-01

Advanced Technology Laboratories

CLIENT: PSI
Lab Order: 050058
Project: 592-1E0101/Caltrans

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
050058-051A	D-11-(.15M)	Soil	3/9/01	3434	280	5		1	3/21/01
050058-052A	D-11-(.3M)	Soil	3/9/01	3434	ND	5		1	3/21/01
050058-053A	D-11-(.6M)	Soil	3/9/01	3434	ND	5		1	3/21/01
050058-054A	D-12-(.15M)	Soil	3/9/01	3434	41	5		1	3/21/01
050058-055A	D-12-(.3M)	Soil	3/9/01	3434	57	5		1	3/21/01
050058-056A	D-12-(.6M)	Soil	3/9/01	3434	120	5		1	3/21/01
050058-057A	D-13-(.15M)	Soil	3/9/01	3434	350	5		1	3/21/01
050058-058A	D-13-(.3M)	Soil	3/9/01	3434	ND	5		1	3/21/01
050058-059A	D-13-(.6M)	Soil	3/9/01	3434	22	5		1	3/21/01
050058-060A	D-14-(.15M)	Soil	3/9/01	3434	ND	5		1	3/21/01
050058-061A	D-14-(.3M)	Soil	3/9/01	3434	ND	5		1	3/21/01
050058-062A	D-14-(.6M)	Soil	3/9/01	3435	16	5		1	3/21/01

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: RA

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill CA 90807 Tel: 562 989-6045 Fax: 562 989-4040

Print Date: 22-Mar-01

Advanced Technology Laboratories

CLIENT: PSI
Lab Order: 050058
Project: 592-1E0101/Caltrans

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
050058-063A	D-15-(.15M)	Soil	3/9/01	3435	950	5		1	3/21/01
050058-064A	D-15-(.3M)	Soil	3/9/01	3435	25	5		1	3/21/01
050058-066A	D-16-(.15M)	Soil	3/9/01	3435	89	5		1	3/21/01
050058-067A	D-16-(.3M)	Soil	3/9/01	3435	53	5		1	3/21/01
050058-068A	D-16-(.6M)	Soil	3/9/01	3435	56	5		1	3/21/01
050058-069A	D-17-(.15M)	Soil	3/9/01	3435	ND	5		1	3/21/01
050058-070A	D-17-(.3M)	Soil	3/9/01	3435	ND	5		1	3/21/01
050058-071A	D-17-(.6M)	Soil	3/9/01	3435	19	5		1	3/21/01
050058-072A	D-18-(.15M)	Soil	3/12/01	3435	ND	5		1	3/21/01
050058-073A	D-18-(.3M)	Soil	3/12/01	3435	ND	5		1	3/21/01
050058-074A	D-18-(.6M)	Soil	3/12/01	3435	10	5		1	3/21/01
050058-075A	D-19-(.15M)	Soil	3/12/01	3435	ND	5		1	3/21/01

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: RA

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Print Date: 22-Mar-01

Advanced Technology Laboratories

CLIENT: PSI
Lab Order: 050058
Project: 592-1E0101/Caltrans

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
050058-076A	D-19-(.3M)	Soil	3/12/01	3435	ND	5		1	3/21/01
050058-077A	D-19-(.6M)	Soil	3/12/01	3435	ND	5		1	3/21/01
050058-078A	D-20-(.15M)	Soil	3/12/01	3435	11	5		1	3/21/01
050058-079A	D-20-(.3M)	Soil	3/12/01	3435	5.7	5		1	3/21/01
050058-080A	D-20-(.6M)	Soil	3/12/01	3435	130	5		1	3/21/01
050058-082A	D-21-(.15M)	Soil	3/12/01	3435	5.0	5		1	3/21/01
050058-083A	D-21-(.3M)	Soil	3/12/01	3435	ND	5		1	3/21/01
050058-084A	D-21-(.6M)	Soil	3/12/01	3436	ND	5		1	3/21/01
050058-085A	D-22-(.15M)	Soil	3/12/01	3436	26	5		1	3/21/01
050058-086A	D-22-(.3M)	Soil	3/12/01	3436	34	5		1	3/21/01
050058-087A	D-22-(.6M)	Soil	3/12/01	3436	6.5	5		1	3/21/01
050058-088A	D-23-(.15M)	Soil	3/12/01	3436	2900	5		1	3/21/01

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 Mandatory - Highly Reactive

Initials: RA

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Print Date: 12-Mar-01

Advanced Technology Laboratories

CLIENT: PSI
Lab Order: 050058
Project: 592-TE0101/Collins

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
050058-089A	D-23-(.3M)	Soil	3/12/01	3436	130	5		1	3/21/01
050058-090A	D-23-(.6M)	Soil	3/12/01	3436	ND	5		1	3/21/01
050058-091A	D-24-(.15M)	Soil	3/12/01	3436	14	5		1	3/21/01
050058-092A	D-24-(.3M)	Soil	3/12/01	3436	14	5		1	3/21/01
050058-093A	D-24-(.6M)	Soil	3/12/01	3436	190	5		1	3/21/01
050058-094A	D-25-(.15M)	Soil	3/12/01	3436	240	5		1	3/21/01
050058-095A	D-25-(.3M)	Soil	3/12/01	3436	54	5		1	3/21/01
050058-096A	D-25-(.6M)	Soil	3/12/01	3436	16	5		1	3/21/01
050058-097A	D-26-(.15M)	Soil	3/12/01	3436	22	5		1	3/21/01
050058-098A	D-26-(.3M)	Soil	3/12/01	3436	ND	5		1	3/21/01
050058-099A	D-26-(.6M)	Soil	3/12/01	3436	ND	5		1	3/21/01
050058-100A	D-27-(.15M)	Soil	3/12/01	3436	17	5		1	3/21/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limit
R - 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: RA

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Print Date: 22-Mar-01

Advanced Technology Laboratories

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans

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
050058-101A	D-27-(.3M)	Soil	3/12/01	3436	22	5		1	3/21/01
050058-102A	D-27-(.6M)	Soil	3/12/01	3436	ND	5		1	3/21/01
050058-103A	D-28-(.15M)	Soil	3/12/01	3436	18	5		1	3/21/01
050058-104A	D-28-(.3M)	Soil	3/12/01	3437	16	5		1	3/21/01
050058-105A	D-28-(.6M)	Soil	3/12/01	3437	11	5		1	3/21/01
050058-106A	D-29-(.15M)	Soil	3/12/01	3437	45	5		1	3/21/01
050058-107A	D-29-(.3M)	Soil	3/12/01	3437	52	5		1	3/21/01
050058-108A	D-29-(.6M)	Soil	3/12/01	3437	15	5		1	3/21/01
050058-110A	D-30-(.15M)	Soil	3/12/01	3437	7.2	5		1	3/21/01
050058-111A	D-30-(.3M)	Soil	3/12/01	3437	27	5		1	3/21/01
050058-112A	D-30-(.6M)	Soil	3/12/01	3437	ND	5		1	3/21/01
050058-113A	D-31-(.15M)	Soil	3/12/01	3437	11	5		1	3/21/01

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: KA

9

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: 22-Mar-01

CLIENT: PSI
Lab Order: 050058
Project: 592-150101/Calumet

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
050058-114A	D-31-(.3M)	Soil	3/12/01	3437	ND	5		1	3/21/01
050058-115A	D-31-(.6M)	Soil	3/12/01	3437	42	5		1	3/21/01
050058-116A	D-32-(.15M)	Soil	3/12/01	3437	17	5		1	3/21/01
050058-117A	D-32-(.3M)	Soil	3/12/01	3437	13	5		1	3/21/01
050058-118A	D-32-(.6M)	Soil	3/12/01	3437	14	5		1	3/21/01
050058-119A	D-33-(.15M)	Soil	3/12/01	3437	24	5		1	3/21/01
050058-120A	D-33-(.3M)	Soil	3/12/01	3437	37	5		1	3/21/01
050058-121A	D-33-(.6M)	Soil	3/12/01	3437	ND	5		1	3/21/01
050058-122A	D-34-(.15M)	Soil	3/12/01	3437	ND	5		1	3/21/01
050058-123A	D-34-(.3M)	Soil	3/12/01	3437	11	5		1	3/21/01
050058-124A	D-34-(.6M)	Soil	3/12/01	3437	ND	5		1	3/21/01

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: RA

10

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Soluble Lead – De-Ionized Water

Advanced Technology Laboratories

Print Date: *08-Mar-01*

CLIENT: PSI
Lab Order: 049639
Project: 592-IE010

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

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
049639-006A	C-13.15	Soil	2/20/01	3239	ND	0.15		1	3/8/01
049639-007A	C-13.3	Soil	2/20/01	3239	0.24	0.15		1	3/8/01
049639-012A	C-15.15	Soil	2/20/01	3239	0.22	0.15		1	3/8/01
049639-013A	C-15.3	Soil	2/20/01	3239	ND	0.15		1	3/8/01

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: RA

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *21-Mar-01*

CLIENT: PSI
Lab Order: 049709
Project: 592-1ED10

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

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
049709-041A	C-36 0.3	Soil	2/21/01	3415	ND	0.15		1	3/19/01
049709-042A	C-37 0.15	Soil	2/21/01	3415	ND	0.15		1	3/19/01
049709-044A	C-37 0.6	Soil	2/21/01	3415	ND	0.15		1	3/19/01
049709-051A	C-40 .15	Soil	2/21/01	3415	ND	0.15		1	3/19/01
049709-060A	C-43 .15	Soil	2/22/01	3415	0.20	0.15		1	3/19/01
049709-062A	C-44 .15	Soil	2/22/01	3415	ND	0.15		1	3/19/01
049709-071A	C-47 .15	Soil	2/22/01	3415	1.0	0.15		1	3/19/01
049709-074A	C-48 .15	Soil	2/22/01	3415	ND	0.15		1	3/19/01
049709-082A	C-51 0.15	Soil	2/22/01	3415	ND	0.15		1	3/19/01
049709-085A	C-52 0.15	Soil	2/22/01	3415	ND	0.15		1	3/19/01
049709-096A	C-56 0.15	Soil	2/22/01	3416	ND	0.15		1	3/19/01
049709-111A	C-61 .15	Soil	2/22/01	3416	ND	0.15		1	3/19/01

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: RM

1

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *21-Mar-01*

CLIENT: PSI
Lab Order: 049709
Project: 592-1ED10

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

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
049709-114A	C-62 .15	Soil	2/22/01	3416	ND	0.15		1	3/19/01
049709-117A	C-63 .15	Soil	2/22/01	3416	ND	0.15		1	3/19/01
049709-118A	C-63 .3	Soil	2/22/01	3416	ND	0.15		1	3/19/01
049709-128A	C-66 .6	Soil	2/22/01	3416	1.2	0.15		1	3/19/01
049709-138A	C-70 .15	Soil	2/22/01	3416	1.0	0.15		1	3/19/01
049709-147A	C-73 .15	Soil	2/22/01	3416	ND	0.15		1	3/19/01
049709-156A	C-76 .15	Soil	2/22/01	3416	1.1	0.15		1	3/19/01

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: RA

2

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Print Date: *30-Mar-01*

Advanced Technology Laboratories

CLIENT: PSI
Lab Order: 049856
Project: 592-1E010

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

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
049856-010A	C-90.15	Soil	3/1/01	3544	ND	0.15		1	3/29/01
049856-027A	C-92.15	Soil	3/1/01	3544	ND	0.15		1	3/29/01
049856-036A	C-95.15	Soil	3/1/01	3544	ND	0.15		1	3/29/01
049856-037A	C-95.3	Soil	3/1/01	3544	0.27	0.15		1	3/29/01
049856-038A	C-95.6	Soil	3/1/01	3544	0.41	0.15		1	3/29/01
049856-046A	C-98.15	Soil	3/1/01	3544	2.6	0.15		1	3/29/01
049856-065A	C-101.15	Soil	3/1/01	3544	ND	0.15		1	3/29/01
049856-077A	C-105.15	Soil	3/1/01	3544	0.36	0.15		1	3/29/01
049856-078A	C-105.3	Soil	3/1/01	3544	ND	0.15		1	3/29/01

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: RA

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *30-Mar-01*

CLIENT: PSI
Lab Order: 049935
Project: 592-1E010

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

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
049935-045A	C-122 (.15M)	Soil	3/2/01	3545	ND	0.15		1	3/29/01
049935-057A	C-125 (.6M)	Soil	3/2/01	3545	ND	0.15		1	3/29/01
049935-065A	C-128 (.3M)	Soil	3/2/01	3545	ND	0.15		1	3/29/01
049935-076A	C-131 (.6M)	Soil	3/2/01	3545	0.44	0.15		1	3/29/01
049935-079A	C-132 (.6M)	Soil	3/2/01	3545	ND	0.15		1	3/29/01

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: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *09-Apr-01*

CLIENT:	PSI	Test No:	WET DI/ EPA 7420
Lab Order:	050058	Units:	mg/L
Project:	592-IE0101/Caltrans	Analyst:	NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
050058-001A	C-141-(.15M)	Soil	3/9/01	3624	0.38	0.15		1	4/6/01
050058-010A	C-144-(.15M)	Soil	3/9/01	3624	ND	0.15		1	4/6/01
050058-020A	D-1-(.15M)	Soil	3/9/01	3624	ND	0.15		1	4/6/01
050058-022A	D-1-(.6M)	Soil	3/9/01	3624	ND	0.15		1	4/6/01
050058-023A	D-2-(.15M)	Soil	3/9/01	3624	ND	0.15		1	4/6/01
050058-051A	D-11-(.15M)	Soil	3/9/01	3624	ND	0.15		1	4/6/01
050058-055A	D-12-(.3M)	Soil	3/9/01	3624	ND	0.15		1	4/6/01
050058-056A	D-12-(.6M)	Soil	3/9/01	3624	ND	0.15		1	4/6/01
050058-057A	D-13-(.15M)	Soil	3/9/01	3624	ND	0.15		1	4/6/01
050058-063A	D-15-(.15M)	Soil	3/9/01	3624	2.4	0.15		1	4/6/01
050058-066A	D-16-(.15M)	Soil	3/9/01	3624	ND	0.15		1	4/6/01
050058-068A	D-16-(.6M)	Soil	3/9/01	3624	ND	0.15		1	4/6/01

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: RA

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Advanced Technology Laboratories

Print Date: *09-Apr-01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans

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

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
050058-088A	D-23-(.15M)	Soil	3/12/01	3624	13	0.15		1	4/6/01
050058-093A	D-24-(.6M)	Soil	3/12/01	3624	ND	0.15		1	4/6/01
050058-094A	D-25-(.15M)	Soil	3/12/01	3624	ND	0.15		1	4/6/01
050058-095A	D-25-(.3M)	Soil	3/12/01	3624	ND	0.15		1	4/6/01

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: RA

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Advanced Technology Laboratories

Date: *08-Mar-01*

CLIENT: PSI
Work Order: 049639
Project: 592-IE010

QC SUMMARY REPORT
Method Blank

Sample ID MB-3239 Batch ID: 3239 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/8/01 Prep Date: 3/5/01
MBLK SeqNo: 105802

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15									

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: SA

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Advanced Technology Laboratories

Date: *08-Mar-01*

CLIENT: PSI
Work Order: 049639
Project: 592-IE010

QC SUMMARY REPORT
Sample Duplicate

Sample ID 049639-013A DUP Batch ID: 3239 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/8/01 Prep Date: 3/5/01
SeqNo: 105808

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.05882	0.15	0	0	0	0	0	0.07841	29	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: RA

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Advanced Technology Laboratories

Date: *08-Mar-01*

CLIENT: PSI
Work Order: 049639
Project: 592-IE010

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID 049639-013A Batch ID: 3239 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/8/01 Prep Date: 3/5/01
MS SeqNo: 105809

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.185	0.15	5	0.07841	102	80	120	0			

Sample ID 049639-013A Batch ID: 3239 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/8/01 Prep Date: 3/5/01
MSD SeqNo: 105810

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.179	0.15	5	0.07841	102	80	120	5.185	0	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: RA

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Date: *08-Mar-01*

CLIENT: PSI
Work Order: 049639
Project: 592-IE010

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID LCS-3239 Batch ID: 3239 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/8/01 Prep Date: 3/5/01

LCS SeqNo: 105811

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	10.04	0.15	10	0	100	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: RA

Date: *21-Mar-01*

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QC SUMMARY REPORT

Method Blank

CLIENT: PSI
Work Order: 049709
Project: 592-1ED10

Sample ID **MB-3415** Batch ID: **3415** Test Name **LEAD BY ATOMIC ABSORPTION** Units mg/L Analysis Date: **3/19/01** Prep Date: **3/16/01**

MBLK SeqNo: **110160**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15									

Sample ID **MB-3416** Batch ID: **3416** Test Name **LEAD BY ATOMIC ABSORPTION** Units mg/L Analysis Date: **3/19/01** Prep Date: **3/16/01**

MBLK SeqNo: **110176**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15									

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: RA

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Date: *21-Mar-01*

Advanced Technology Laboratories

CLIENT: PSI
Work Order: 049709
Project: 592-1ED10

QC SUMMARY REPORT
Sample Duplicate

Sample ID 049709-085A Batch ID: 3415 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/19/01 Prep Date: 3/16/01
DUP SeqNo: 110172

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15	0	0	0	0	0	0	0	30	

Sample ID 049709-156A Batch ID: 3416 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/19/01 Prep Date: 3/16/01
DUP SeqNo: 110186

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.768	0.15	0	0	0	0	0	1.144	43	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: RA

Advanced Technology Laboratories

Date: 21-Mar-01

CLIENT: PSI
Work Order: 049709
Project: 592-1ED10

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID 049709-085A Batch ID: 3415 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/19/01 Prep Date: 3/16/01
SeqNo: 110173

MS

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.475	0.15	5	0	89	80	120	0			

Sample ID 049709-085A Batch ID: 3415 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/19/01 Prep Date: 3/16/01
SeqNo: 110174

MSD

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.425	0.15	5	0	89	80	120	4.475	1	20	

Sample ID 049709-156A Batch ID: 3416 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/19/01 Prep Date: 3/16/01
SeqNo: 110187

MS

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	6.092	0.15	5	1.144	99	80	120	0			

Sample ID 049709-156A Batch ID: 3416 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/19/01 Prep Date: 3/16/01
SeqNo: 110188

MSD

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	6.191	0.15	5	1.144	101	80	120	6.092	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: RA

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Date: *21-Mar-01*

CLIENT: PSI
Work Order: 049709
Project: 592-1ED10

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID LCS-3415 Batch ID: 3415 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/19/01 Prep Date: 3/16/01
LCS SeqNo: 110175

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.122	0.15	10	0	91	80	120	0			

Sample ID LCS-3416 Batch ID: 3416 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/19/01 Prep Date: 3/16/01
LCS SeqNo: 110189

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.217	0.15	10	0	92	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: RD

Date: *30-Mar-01*

Advanced Technology Laboratories

QC SUMMARY REPORT

Method Blank

CLIENT: PSI
Work Order: 049856
Project: 592-1E010

Sample ID MB-3544 Batch ID: 3544 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/29/01 Prep Date: 3/26/01

MBLK SeqNo: 114023

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15									

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: RA

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Date: *30-Mar-01*

Advanced Technology Laboratories

QC SUMMARY REPORT

Sample Duplicate

CLIENT: PSI
Work Order: 049856
Project: 592-1E010

Sample ID 049856-078A Batch ID: 3544 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/29/01 Prep Date: 3/26/01

SeqNo: 114033

DUP

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.2083	0.15	0	0	0	0	0	0.1092	62	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: RA

Date: *30-Mar-01*

Advanced Technology Laboratories

QC SUMMARY REPORT

Sample Matrix Spike

CLIENT: PSI
Work Order: 049856
Project: 592-1E010

Sample ID 049856-078A Batch ID: 3544 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/29/01 Prep Date: 3/26/01

SeqNo: 114034

MS

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.138	0.15	5	0.1092	101	80	120	0			

Sample ID 049856-078A Batch ID: 3544 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/29/01 Prep Date: 3/26/01

SeqNo: 114035

MSD

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.178	0.15	5	0.1092	101	80	120	5.138	1	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: RA

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Date: *30-Mar-01*

Advanced Technology Laboratories

CLIENT: PSI
Work Order: 049856
Project: 592-1E010

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID LCS-3544 Batch ID: 3544 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/29/01 Prep Date: 3/26/01

LCS SeqNo: 114036

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.705	0.15	10	0	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: RA

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Advanced Technology Laboratories

Date: 30-Mar-01

CLIENT: PSI
Work Order: 049935
Project: 592-1E010

QC SUMMARY REPORT
Method Blank

Sample ID MB-3545 Batch ID: 3545 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/29/01 Prep Date: 3/26/01
MBLK SeqNo: 114037

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15									

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: RA

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Advanced Technology Laboratories

Date: *30-Mar-01*

CLIENT: PSI
Work Order: 049935
Project: 592-IE010

QC SUMMARY REPORT

Sample Duplicate

Sample ID 049935-079A Batch ID: 3545 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/29/01 Prep Date: 3/26/01

DUP SeqNo: 114043

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.07898	0.15	0	0	0	0	0	0.0612	25	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: KA

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Advanced Technology Laboratories

Date: *30-Mar-01*

CLIENT: PSI
Work Order: 049935
Project: 592-IE010

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID 049935-079A Batch ID: 3545 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/29/01 Prep Date: 3/26/01

MS SeqNo: 114044

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5	0.15	5	0.0612	99	80	120	0			

Sample ID 049935-079A Batch ID: 3545 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/29/01 Prep Date: 3/26/01

MSD SeqNo: 114045

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.012	0.15	5	0.0612	99	80	120	5	0	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: RJA

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Advanced Technology Laboratories

Date: *30-Mar-01*

CLIENT: PSI
Work Order: 049935
Project: 592-IE010

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID LCS-3545 Batch ID: 3545 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 3/29/01 Prep Date: 3/26/01

LCS SeqNo: 114046

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.573	0.15	10	0	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: RA

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Advanced Technology Laboratories

Date: *09-Apr-01*

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT

Method Blank

Sample ID MB-3624 Batch ID: 3624 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/6/01 Prep Date: 4/3/01
MBLK SeqNo: 116889

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15									

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: RA

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Advanced Technology Laboratories

Date: *09-Apr-01*

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT

Sample Duplicate

Sample ID 050058-063A DUP | Batch ID: 3624 | Test Name LEAD BY ATOMIC ABSORPTION | Units mg/L | Analysis Date: 4/6/01 | Prep Date: 4/3/01 | SeqNo: 116900

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15	0	0	0	0	0	2.413	0	30	

Sample ID 050058-095A DUP | Batch ID: 3624 | Test Name LEAD BY ATOMIC ABSORPTION | Units mg/L | Analysis Date: 4/6/01 | Prep Date: 4/3/01 | SeqNo: 116908

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15	0	0	0	0	0	0	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: RA

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Advanced Technology Laboratories

Date: *09-Apr-01*

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID 050058-063A Batch ID: 3624 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/6/01 Prep Date: 4/3/01
MS SeqNo: 116901

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	6.647	0.15	5	2.413	85	80	120	0			

Sample ID 050058-095A Batch ID: 3624 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/6/01 Prep Date: 4/3/01
MS SeqNo: 116909

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.739	0.15	5	0	95	80	120	0			

Sample ID 050058-095A Batch ID: 3624 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/6/01 Prep Date: 4/3/01
MSD SeqNo: 116910

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.736	0.15	5	0	95	80	120	4.739	0	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: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *09-Apr-01*

CLIENT: PSI
Work Order: 050058
Project: 592-IE0101/Caltrans

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID LCS-3624 Batch ID: 3624 Test Name LEAD BY ATOMIC ABSORPTION Units mg/L Analysis Date: 4/6/01 Prep Date: 4/3/01

LCS SeqNo: 116911

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.335	0.15	10	0	93	80	120	0			

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

Initials: RA

pH Values

Advanced Technology Laboratories

Print Date: *02-Mar-01*

CLIENT: PSI
Lab Order: 049709
Project: 592-1ED10

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
049709-004A	C-24 .15 ft	Soil	2/21/01	R6563	8.44	0.1		1	3/1/01
049709-014A	C-27 .3	Soil	2/21/01	R6563	8.20	0.1		1	3/1/01
049709-024A	C-30 0.6	Soil	2/21/01	R6563	9.55	0.1		1	3/1/01
049709-034A	C-34 0.15	Soil	2/21/01	R6563	8.76	0.1		1	3/1/01
049709-044A	C-37 0.6	Soil	2/21/01	R6563	7.97	0.1		1	3/1/01
049709-054A	C-41 .15	Soil	2/21/01	R6563	7.74	0.1		1	3/1/01
049709-064A	C-44 .6	Soil	2/22/01	R6563	7.29	0.1		1	3/1/01
049709-074A	C-48 .15	Soil	2/22/01	R6563	7.23	0.1		1	3/1/01
049709-084A	C-51 0.6	Soil	2/22/01	R6563	6.95	0.1		1	3/1/01
049709-094A	C-55 0.3	Soil	2/22/01	R6563	4.90	0.1		1	3/1/01
049709-104A	C-58 0.6	Soil	2/22/01	R6564	7.62	0.1		1	3/1/01
049709-114A	C-62 .15	Soil	2/22/01	R6564	7.47	0.1		1	3/1/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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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: RA

Advanced Technology Laboratories
1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *02-Mar-01*

CLIENT: PSI
Lab Order: 049709
Project: 592-1ED10

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
049709-124A	C-65 .3	Soil	2/22/01	R6564	6.84	0.1		1	3/1/01
049709-134A	C-68 .6	Soil	2/22/01	R6564	7.35	0.1		1	3/1/01
049709-144A	C-72 .15	Soil	2/22/01	R6564	6.98	0.1		1	3/1/01
049709-154A	C-75 .3	Soil	2/22/01	R6564	5.70	0.1		1	3/1/01

Qualifiers:
ND - Not Detected at the Reporting Limit
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DO - Surrogate Diluted Out
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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored, Highly Reactive

Initials: RA

2

Advanced Technology Laboratories 1510 E. 33rd Street Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *16-Mar-01*

CLIENT: PSI
Lab Order: 049856
Project: 592-1E010

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
049856-004A	C-84.3	Soil	3/1/01	R6836	8.04	0.1		1	3/9/01
049856-012A	C-79.3	Soil	3/1/01	R6836	7.90	0.1		1	3/9/01
049856-025A	C-91.3	Soil	3/1/01	R6836	8.25	0.1		1	3/9/01
049856-032A	C-93.6	Soil	3/1/01	R6836	8.74	0.1		1	3/9/01
049856-045A	C-97.6	Soil	3/1/01	R6836	6.86	0.1		1	3/9/01
049856-054A	C-87.15	Soil	3/1/01	R6836	9.14	0.1		1	3/9/01
049856-065A	C-101.15	Soil	3/1/01	R6836	7.93	0.1		1	3/9/01
049856-073A	C-103.6	Soil	3/1/01	R6836	7.49	0.1		1	3/9/01
049856-084A	C-107.3	Soil	3/1/01	R6836	6.48	0.1		1	3/9/01

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: RA

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *16-Mar-01*

CLIENT: PSI
Lab Order: 049935
Project: 592-IE010

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
049935-002A	C-108 (.3M)	Soil	3/2/01	R6981	7.13	0.1		1	3/14/01
049935-005A	C-109 (.3)	Soil	3/2/01	R6981	7.03	0.1		1	3/14/01
049935-018A	C-113 (.3M)	Soil	3/2/01	R6981	8.19	0.1		1	3/14/01
049935-034A	C-118 (.6M)	Soil	3/2/01	R6981	8.70	0.1		1	3/14/01
049935-040A	C-120 (.3M)	Soil	3/2/01	R6981	8.13	0.1		1	3/14/01
049935-049A	C-123 (.3M)	Soil	3/2/01	R6981	7.95	0.1		1	3/14/01
049935-064A	C-128 (.15M)	Soil	3/2/01	R6981	7.87	0.1		1	3/14/01
049935-073A	C-130 (.6M)	Soil	3/2/01	R6981	7.59	0.1		1	3/14/01
049935-095A	C-138 (.15M)	Soil	3/2/01	R6981	9.37	0.1		1	3/14/01
049935-100A	C-139 (.6M)	Soil	3/2/01	R6981	7.37	0.1		1	3/14/01

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: RA

J

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *22-Mar-01*

CLIENT: PSI
Lab Order: 050058
Project: 592-IE0101/Caltrans

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
050058-009A	C-143-(.6M)	Soil	3/9/01	R7074	7.19	0.1		1	3/16/01
050058-024A	D-2-(.3M)	Soil	3/9/01	R7074	7.34	0.1		1	3/16/01
050058-030A	D-4-(.3M)	Soil	3/9/01	R7074	9.36	0.1		1	3/16/01
050058-040A	D-7-(.6M)	Soil	3/9/01	R7074	9.28	0.1		1	3/16/01
050058-051A	D-11-(.15M)	Soil	3/9/01	R7074	9.03	0.1		1	3/16/01
050058-059A	D-13-(.6M)	Soil	3/9/01	R7074	8.31	0.1		1	3/16/01
050058-071A	D-17-(.6M)	Soil	3/9/01	R7074	7.14	0.1		1	3/16/01
050058-075A	D-19-(.15M)	Soil	3/12/01	R7074	8.18	0.1		1	3/16/01
050058-096A	D-25-(.6M)	Soil	3/12/01	R7074	9.24	0.1		1	3/16/01
050058-102A	D-27-(.6M)	Soil	3/12/01	R7074	8.71	0.1		1	3/16/01
050058-110A	D-30-(.15M)	Soil	3/12/01	R7075	8.05	0.1		1	3/16/01
050058-117A	D-32-(.3M)	Soil	3/12/01	R7075	8.77	0.1		1	3/16/01

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: RA

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APPENDIX C
WASTE DESIGNATION TABLE FOR AERIALLY DEPOSITED LEAD

WASTE DESIGNATION TABLE FOR AERIALLY DEPOSITED LEAD

Cal OSHA health and safety requirements must be followed when handling soil containing lead during excavation and disposal. (CCR Title 8, Section 1532.1 Construction Safety Order)

TEST/LEVELS Statistical mean of samples analyzed, not individual sample results.	**MATERIAL DESCRIPTION**	**MANAGEMENT ACTION**
Total Lead > 1,000 mg/kg or California Waste Extraction Test (WET) > 5 mg/l	California Hazardous Waste	Dispose of in Class I facility. Manifest/hazmat hauler required.
Total > 350 mg/kg but < 1,000 mg/kg and WET > 5 mg/l	Hazardous Waste Not reusable due to AB 2784 (1999) (HSC 25157.8)	Dispose of in Class I facility. Manifest/hazmat hauler required.
Total > 350 mg/kg but < 1,000 mg/kg and WET < 5 mg/l	Not hazardous waste but regulated under AB 2784	Dispose of in Class I facility or Designated Class II. No manifest or hazmat hauler required.
Total < 350 mg/kg and WET > 5 mg/l	Hazardous but reusable under variance	See variance for specific soil reuse requirements.
Total < 350 mg/kg and WET < 5 mg/l	Not Regulated	No special requirements. Soil may be used on project or relinquished to contractor.
> 5 mg/l Total Concentration Leaching Potential (TCLP)	Federal Hazardous Waste	Dispose of in Class I facility. Manifest/hazmat hauler required.

APPENDIX D
CALCULATIONS

Plot LN TL * LN CA

Regression Analysis: LN CA versus LN TL

The regression equation is
LN CA = - 3.17 + 1.10 LN TL

Predictor	Coef	SE Coef	T	P
Constant	-3.1682	0.4877	-6.50	0.000
LN TL	1.10219	0.09668	11.40	0.000

S = 0.7073 R-Sq = 65.0% R-Sq(adj) = 64.5%

Analysis of Variance

Source	DF	SS	MS	F	P
Regression	1	65.029	65.029	129.98	0.000
Residual Error	70	35.021	0.500		
Total	71	100.050			

Unusual Observations

Obs	LN TL	LN CA	Fit	SE Fit	Residual	St Resid
12	4.29	0.0000	1.5602	0.1062	-1.5602	-2.23R
23	4.94	0.0000	2.2789	0.0834	-2.2789	-3.24R
54	7.00	5.0750	4.5505	0.2135	0.5245	0.78 X
58	6.91	4.8680	4.4458	0.2051	0.4222	0.62 X
66	4.87	0.4700	2.1973	0.0839	-1.7273	-2.46R
67	7.97	5.6350	5.6185	0.3020	0.0165	0.03 X
68	4.87	0.0000	2.1973	0.0839	-2.1973	-3.13R

R denotes an observation with a large standardized residual
X denotes an observation whose X value gives it large influence.

One-Sample T: NS.15TL

Variable	N	Mean	StDev	SE Mean	80.0% CI
NS.15TL	42	3.940	1.494	0.231	(3.640, 4.240)

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Results for: MINITAB.MTW

Natural Log Calculations

Mean of NS.15TL

Mean of NS.15TL = 3.9401

Standard Deviation of NS.15TL

Standard deviation of NS.15TL = 1.4941

One-Sample T: NS.15TL

Variable	N	Mean	StDev	SE Mean	80.0% CI
NS.15TL	42	3.940	1.494	0.231	(3.640, 4.240)

One-Sample T: NS.15TL

Variable	N	Mean	StDev	SE Mean	95.0% CI
NS.15TL	42	3.940	1.494	0.231	(3.474, 4.406)

Mean of NS.3TL

Mean of NS.3TL = 3.5751

Standard Deviation of NS.3TL

Standard deviation of NS.3TL = 1.4068

One-Sample T: NS.3TL

Variable	N	Mean	StDev	SE Mean	80.0% CI
NS.3TL	70	3.575	1.407	0.168	(3.357, 3.793)

One-Sample T: NS.3TL

Variable	N	Mean	StDev	SE Mean	95.0% CI
NS.3TL	70	3.575	1.407	0.168	(3.240, 3.911)

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* NOTE * Existing file replaced.

Mean of NS.6TL

Mean of NS.6TL = 3.5031

Standard Deviation of NS.6TL

Standard deviation of NS.6TL = 1.3172

One-Sample T: NS.6TL

Variable	N	Mean	StDev	SE Mean	80.0% CI
NS.6TL	93	3.503	1.317	0.137	(3.327, 3.679)

One-Sample T: NS.6TL

Variable	N	Mean	StDev	SE Mean	95.0% CI
NS.6TL	93	3.503	1.317	0.137	(3.232, 3.774)

Mean of SS.15TL

Mean of SS.15TL = 3.4355

Standard Deviation of SS.15TL

Standard deviation of SS.15TL = 1.3994

One-Sample T: SS.15TL

Variable	N	Mean	StDev	SE Mean	80.0% CI
SS.15TL	50	3.436	1.399	0.198	(3.178, 3.693)

One-Sample T: SS.15TL

Variable	N	Mean	StDev	SE Mean	95.0% CI
SS.15TL	50	3.436	1.399	0.198	(3.038, 3.833)

Mean of SS.3TL

Mean of SS.3TL = 3.2706

Standard Deviation of SS.3TL

Standard deviation of SS.3TL = 1.3122

One-Sample T: SS.3TL

Variable	N	Mean	StDev	SE Mean	80.0% CI
SS.3TL	81	3.271	1.312	0.146	(3.082, 3.459)

One-Sample T: SS.3TL

Variable	N	Mean	StDev	SE Mean	95.0% CI
SS.3TL	81	3.271	1.312	0.146	(2.980, 3.561)

Mean of SS.6TL

Mean of SS.6TL = 3.2276

Standard Deviation of SS.6TL

Standard deviation of SS.6TL = 1.2883

One-Sample T: SS.6TL

Variable	N	Mean	StDev	SE Mean	80.0% CI
SS.6TL	102	3.228	1.288	0.128	(3.063, 3.392)

One-Sample T: SS.6TL

Variable	N	Mean	StDev	SE Mean	95.0% CI
SS.6TL	102	3.228	1.288	0.128	(2.975, 3.481)

Mean of NM.15TL

Mean of NM.15TL = 3.4858

Standard Deviation of NM.15TL

Standard deviation of NM.15TL = 1.3901

One-Sample T: NM.15TL

Variable	N	Mean	StDev	SE Mean	80.0% CI
NM.15TL	11	3.486	1.390	0.419	(2.911, 4.061)

One-Sample T: NM.15TL

Variable	N	Mean	StDev	SE Mean	95.0% CI
NM.15TL	11	3.486	1.390	0.419	(2.552, 4.420)

Mean of NM.3TL

Mean of NM.3TL = 3.4711

Standard Deviation of NM.3TL

Standard deviation of NM.3TL = 1.3100

One-Sample T: NM.3TL

Variable	N	Mean	StDev	SE Mean	80.0% CI
NM.3TL	15	3.471	1.310	0.338	(3.016, 3.926)

One-Sample T: NM.3TL

Variable	N	Mean	StDev	SE Mean	95.0% CI
NM.3TL	15	3.471	1.310	0.338	(2.746, 4.197)

Mean of NM.6TL

Mean of NM.6TL = 3.2998

Standard Deviation of NM.6TL

Standard deviation of NM.6TL = 1.2155

One-Sample T: NM.6TL

Variable	N	Mean	StDev	SE Mean	80.0% CI
NM.6TL	21	3.300	1.215	0.265	(2.948, 3.651)

One-Sample T: NM.6TL

Variable	N	Mean	StDev	SE Mean	95.0% CI
NM.6TL	21	3.300	1.215	0.265	(2.747, 3.853)

Mean of SM.15TL

Mean of SM.15TL = 3.0897

Standard Deviation of SM.15TL

Standard deviation of SM.15TL = 1.3878

One-Sample T: SM.15TL

Variable	N	Mean	StDev	SE Mean	80.0% CI
SM.15TL	15	3.090	1.388	0.358	(2.608, 3.572)

One-Sample T: SM.15TL

Variable	N	Mean	StDev	SE Mean	95.0% CI
SM.15TL	15	3.090	1.388	0.358	(2.321, 3.858)

Mean of SM.3TL

Mean of SM.3TL = 3.0328

Standard Deviation of SM.3TL

Standard deviation of SM.3TL = 1.2768

One-Sample T: SM.3TL

Variable	N	Mean	StDev	SE Mean	80.0% CI
SM.3TL	20	3.033	1.277	0.286	(2.654, 3.412)

One-Sample T: SM.3TL

Variable	N	Mean	StDev	SE Mean	95.0% CI
SM.3TL	20	3.033	1.277	0.286	(2.435, 3.630)

Mean of SM.6TL

Mean of SM.6TL = 3.1974

Standard Deviation of SM.6TL

Standard deviation of SM.6TL = 1.2709

One-Sample T: SM.6TL

Variable	N	Mean	StDev	SE Mean	80.0% CI
SM.6TL	24	3.197	1.271	0.259	(2.855, 3.540)

One-Sample T: SM.6TL

Variable	N	Mean	StDev	SE Mean	95.0% CI
SM.6TL	24	3.197	1.271	0.259	(2.661, 3.734)

Mean of NS.15CA

Mean of NS.15CA = 2.6143

Standard Deviation of NS.15CA

Standard deviation of NS.15CA = 1.1293

One-Sample T: NS.15CA

Variable	N	Mean	StDev	SE Mean	80.0% CI
NS.15CA	19	2.614	1.129	0.259	(2.270, 2.959)

One-Sample T: NS.15CA

Variable	N	Mean	StDev	SE Mean	95.0% CI
NS.15CA	19	2.614	1.129	0.259	(2.070, 3.159)

Mean of NS.3CA

Mean of NS.3CA = 2.1841

Standard Deviation of NS.3CA

Standard deviation of NS.3CA = 1.2604

One-Sample T: NS.3CA

Variable	N	Mean	StDev	SE Mean	80.0% CI
NS.3CA	27	2.184	1.260	0.243	(1.865, 2.503)

One-Sample T: NS.3CA

Variable	N	Mean	StDev	SE Mean	95.0% CI
NS.3CA	27	2.184	1.260	0.243	(1.686, 2.683)

Mean of NS.6CA

Mean of NS.6CA = 2.1826

Standard Deviation of NS.6CA

Standard deviation of NS.6CA = 1.1970

One-Sample T: NS.6CA

Variable	N	Mean	StDev	SE Mean	80.0% CI
NS.6CA	32	2.183	1.197	0.212	(1.906, 2.460)

One-Sample T: NS.6CA

Variable	N	Mean	StDev	SE Mean	95.0% CI
NS.6CA	32	2.183	1.197	0.212	(1.751, 2.614)

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Results for: MINITAB.MTW

Mean of SS.15 CA

Mean of SS.15 CA = 2.8838

Standard Deviation of SS.15 CA

Standard deviation of SS.15 CA = 1.0471

One-Sample T: SS.15 CA

Variable	N	Mean	StDev	SE Mean	80.0% CI
SS.15 CA	16	2.884	1.047	0.262	(2.533, 3.235)

One-Sample T: SS.15 CA

Variable	N	Mean	StDev	SE Mean	95.0% CI
SS.15 CA	16	2.884	1.047	0.262	(2.326, 3.442)

Mean of SS.3CA

Mean of SS.3CA = 2.5999

Standard Deviation of SS.3CA

Standard deviation of SS.3CA = 1.2411

One-Sample T: SS.3CA

Variable	N	Mean	StDev	SE Mean	80.0% CI
SS.3CA	22	2.600	1.241	0.265	(2.250, 2.950)

One-Sample T: SS.3CA

Variable	N	Mean	StDev	SE Mean	95.0% CI
SS.3CA	22	2.600	1.241	0.265	(2.050, 3.150)

Mean of SS.6CA

Mean of SS.6CA = 2.5533

Standard Deviation of SS.6CA

Standard deviation of SS.6CA = 1.2643

One-Sample T: SS.6CA

Variable	N	Mean	StDev	SE Mean	80.0% CI
SS.6CA	26	2.553	1.264	0.248	(2.227, 2.880)

One-Sample T: SS.6CA

Variable	N	Mean	StDev	SE Mean	95.0% CI
SS.6CA	26	2.553	1.264	0.248	(2.043, 3.064)

Mean of NM.15CA

Mean of NM.15CA = 2.2474

Standard Deviation of NM.15CA

Standard deviation of NM.15CA = 1.3006

One-Sample T: NM.15CA

Variable	N	Mean	StDev	SE Mean	80.0% CI
NM.15CA	4	2.247	1.301	0.650	(1.182, 3.313)

One-Sample T: NM.15CA

Variable	N	Mean	StDev	SE Mean	95.0% CI
NM.15CA	4	2.247	1.301	0.650	(0.178, 4.317)

Mean of NM.3CA

Mean of NM.3CA = 2.1212

Standard Deviation of NM.3CA

Standard deviation of NM.3CA = 1.0977

One-Sample T: NM.3CA

Variable	N	Mean	StDev	SE Mean	80.0% CI
NM.3CA	6	2.121	1.098	0.448	(1.460, 2.783)

One-Sample T: NM.3CA

Variable	N	Mean	StDev	SE Mean	95.0% CI
NM.3CA	6	2.121	1.098	0.448	(0.969, 3.273)

Mean of NM.6CA

Mean of NM.6CA = 2.0266

Standard Deviation of NM.6CA

Standard deviation of NM.6CA = 1.0329

One-Sample T: NM.6CA

Variable	N	Mean	StDev	SE Mean	80.0% CI
NM.6CA	7	2.027	1.033	0.390	(1.464, 2.589)

One-Sample T: NM.6CA

Variable	N	Mean	StDev	SE Mean	95.0% CI
NM.6CA	7	2.027	1.033	0.390	(1.071, 2.982)

Mean of SM.15CA

Mean of SM.15CA = 3.7365

Standard Deviation of SM.15CA

Standard deviation of SM.15CA = 1.8931

One-Sample T: SM.15CA

Variable	N	Mean	StDev	SE Mean	80.0% CI
SM.15CA	2	3.74	1.89	1.34	(-0.38, 7.86)

One-Sample T: SM.15CA

Variable	N	Mean	StDev	SE Mean	95.0% CI
SM.15CA	2	3.74	1.89	1.34	(-13.27, 20.75)

Mean of SM.3CA

Mean of SM.3CA = 3.1924

Standard Deviation of SM.3CA

Standard deviation of SM.3CA = 1.6371

One-Sample T: SM.3CA

Variable	N	Mean	StDev	SE Mean	80.0% CI
SM.3CA	3	3.192	1.637	0.945	(1.410, 4.975)

One-Sample T: SM.3CA

Variable	N	Mean	StDev	SE Mean	95.0% CI
SM.3CA	3	3.192	1.637	0.945	(-0.874, 7.259)

Mean of SM.6CA

Mean of SM.6CA = 2.5799

Standard Deviation of SM.6CA

Standard deviation of SM.6CA = 1.2475

One-Sample T: SM.6CA

Variable	N	Mean	StDev	SE Mean	80.0% CI
SM.6CA	6	2.580	1.247	0.509	(1.828, 3.332)

One-Sample T: SM.6CA

Variable	N	Mean	StDev	SE Mean	95.0% CI
SM.6CA	6	2.580	1.247	0.509	(1.271, 3.889)

Mean of NS.15DI

Mean of NS.15DI = -0.56202

Standard Deviation of NS.15DI

Standard deviation of NS.15DI = 1.2091

One-Sample T: NS.15DI

Variable	N	Mean	StDev	SE Mean	80.0% CI
NS.15DI	4	-0.562	1.209	0.605	(-1.552, 0.428)

One-Sample T: NS.15DI

Variable	N	Mean	StDev	SE Mean	95.0% CI
NS.15DI	4	-0.562	1.209	0.605	(-2.486, 1.362)

Mean of NS.3DI

Mean of NS.3DI = -0.73504

Standard Deviation of NS.3DI

Standard deviation of NS.3DI = 1.1163

One-Sample T: NS.3DI

Variable	N	Mean	StDev	SE Mean	80.0% CI
NS.3DI	5	-0.735	1.116	0.499	(-1.501, 0.031)

One-Sample T: NS.3DI

Variable	N	Mean	StDev	SE Mean	95.0% CI
NS.3DI	5	-0.735	1.116	0.499	(-2.121, 0.651)

Mean of NS.6DI

Mean of NS.6DI = -0.73504

Standard Deviation of NS.6DI

Standard deviation of NS.6DI = 1.1163

One-Sample T: NS.6DI

Variable	N	Mean	StDev	SE Mean	80.0% CI
NS.6DI	5	-0.735	1.116	0.499	(-1.501, 0.031)

One-Sample T: NS.6DI

Variable	N	Mean	StDev	SE Mean	95.0% CI
NS.6DI	5	-0.735	1.116	0.499	(-2.121, 0.651)

Mean of SS.15DI

Mean of SS.15DI = 0.35027

Standard Deviation of SS.15DI

Standard deviation of SS.15DI = 0.52631

One-Sample T: SS.15DI

Variable	N	Mean	StDev	SE Mean	80.0% CI
SS.15DI	3	0.350	0.526	0.304	(-0.223, 0.923)

One-Sample T: SS.15DI

Variable	N	Mean	StDev	SE Mean	95.0% CI
SS.15DI	3	0.350	0.526	0.304	(-0.957, 1.658)

Mean of SS.3DI

Mean of SS.3DI = -0.064628

Standard Deviation of SS.3DI

Standard deviation of SS.3DI = 0.93448

One-Sample T: SS.3DI

Variable	N	Mean	StDev	SE Mean	80.0% CI
SS.3DI	4	-0.065	0.934	0.467	(-0.830, 0.701)

One-Sample T: SS.3DI

Variable	N	Mean	StDev	SE Mean	95.0% CI
SS.3DI	4	-0.065	0.934	0.467	(-1.552, 1.422)

Mean of SS.6DI

Mean of SS.6DI = -0.16130

Standard Deviation of SS.6DI

Standard deviation of SS.6DI = 0.81345

One-Sample T: SS.6DI

Variable	N	Mean	StDev	SE Mean	80.0% CI
SS.6DI	6	-0.161	0.813	0.332	(-0.651, 0.329)

One-Sample T: SS.6DI

Variable	N	Mean	StDev	SE Mean	95.0% CI
SS.6DI	6	-0.161	0.813	0.332	(-1.015, 0.692)

NM.15DI to SM.3I

not enough data for st. deviation
not enough data for 80% UCL
not enough data for 95% UCL

Mean of SM.6DI

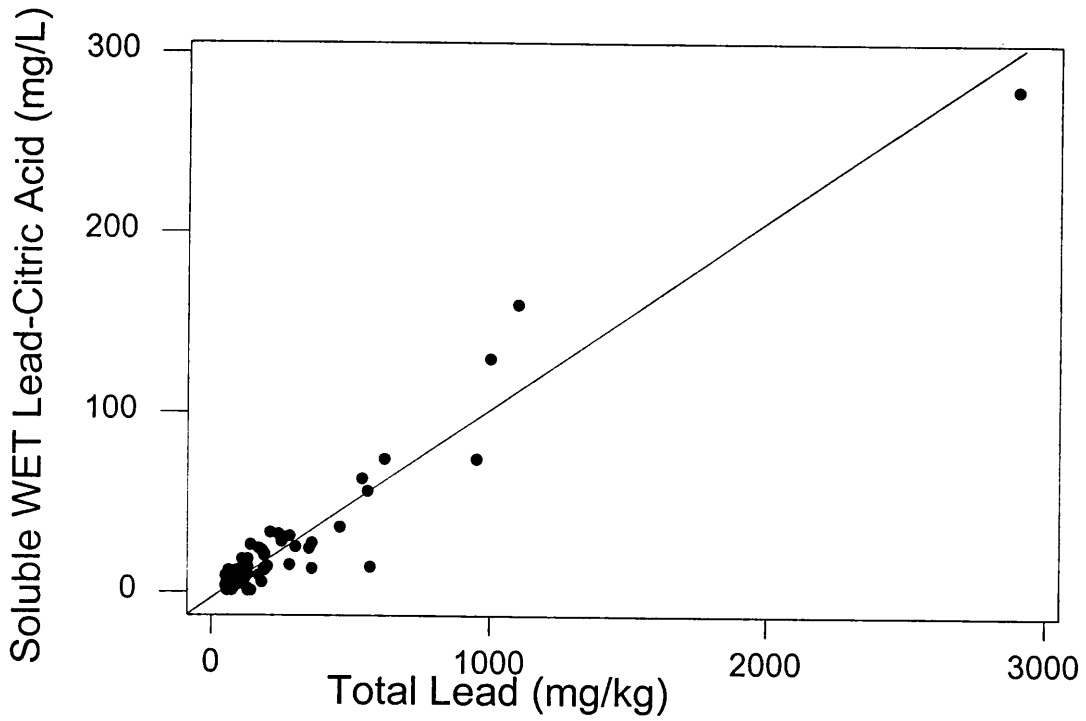
Mean of SM.6DI = -0.89428

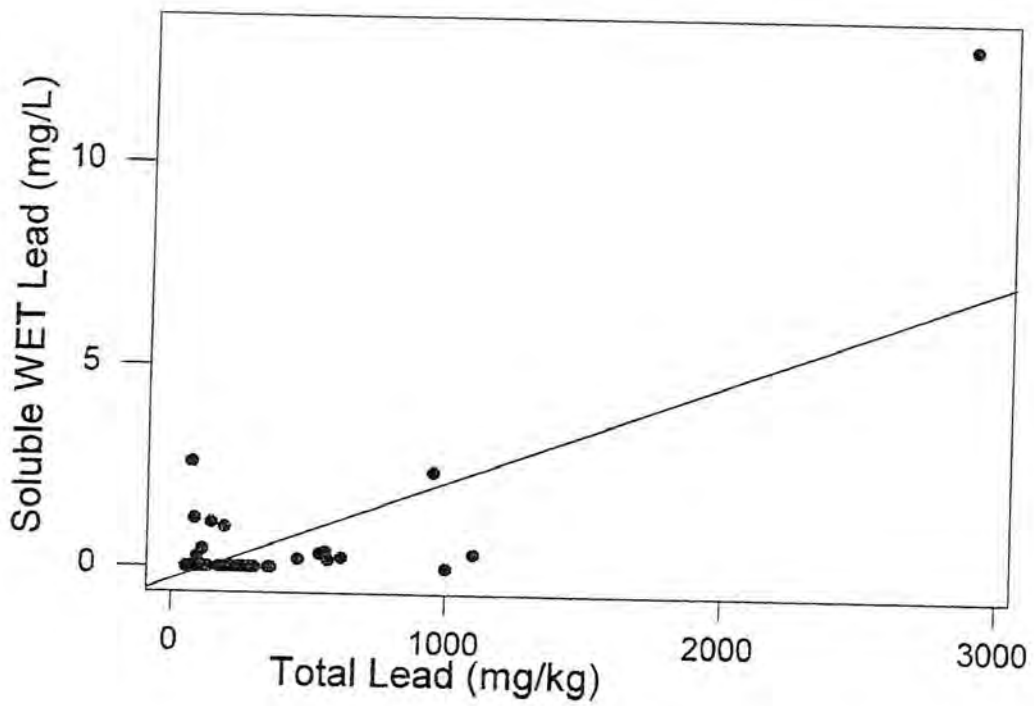
Standard Deviation of SM.6DI

Standard deviation of SM.6DI = 0.10366

Not enough data for 80% and 90% UCLSaving file as: C:\WINDOWS\DESKTOP\DALE.MPJ
* NOTE * Existing file replaced.

APPENDIX E
GRAPH


Soluble WET Lead-Citric Acid (mg/L)
300
200
100
0
0
1000
2000
3000
Total Lead (mg/kg)


Soluble WET Lead (mg/L)
10
5
0
0
1000
2000
3000
Total Lead (mg/kg)