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Subject:	FORMER WESTERN LEAD PRODUCTS
Date:	Tuesday, October 11, 2016 2:20:45 PM
Attachments:	RAR Final western lead.pdf

Attached is a document that describes past cleanup work by DTSC at another "Ghost Smelter". I request that the IRP examine whether or not DTSC addressed off-site airborne deposition/accumulation from the former operations (smelter emissions and fugitive dust) and from years of re-suspension of exposed lead dust and lead-contaminated soils on-site/off-site. Specifically, did DTSC address airborne migration of lead into/onto the areas surrounding the former Western Lead Facility and if not, why not? Phil

REMOVAL ACTION REPORT
FORMER WESTERN LEAD PRODUCTS CORPORATION PROPERTY
CITY OF COMMERCE, CALIFORNIA

PREPARED

BY

WSP ENVIRONMENT & ENERGY

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1.0 Introduction

On behalf of Quemetco, Inc. (Quemetco), WSP Environment & Energy (WSP) prepared this Removal Action Report for removal of contaminated soil at the former Western Lead Products facility (subject property) located at 4530 Pacific Way in Commerce, California (Figure 1).

Quemetco and the Union Pacific Railroad Company (UPRC) were named as Respondents, pursuant to an "Imminent and Substantial Endangerment Determination and Order and Remedial Action Order" (Order) Docket Number I&SE 01/02-008, issued by the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC) on May 17, 2002.

The DTSC Order alleges that historical operations at the subject property involved the production of powdered lead products, primarily lead oxide. There is an inactive UPRC rail spur within the UPRC right-of-way directly adjacent to and south of the subject property. It is not known when the spur was first installed. A major rail yard to which the spur was historically connected is situated south of the spur approximately 0.25-miles southwest of the subject property. The surrounding area is an older industrial setting, consisting of warehouses, storage yards, manufacturing facilities, and other industrial properties.

Previous sampling activities conducted at the subject property and within the UPRC right-of-way revealed the presence of lead in shallow soils on the subject property and the UPRC right-of-way. The concentrations of lead detected are alleged in the Order to be related to past operations.

Quemetco attempted to coordinate a removal action with UPRC for several years. UPRC and Quemetco were not able to come to an agreement regarding financial responsibility for the implementation of the remediation of soils primarily contaminated with lead at the subject property and within the adjacent UPRR right-of-way. Following discussion with DTSC, Quemetco submitted a Remedial Action Work Plan (RAW) and following several iterations, the RAW dated November 15, 2007 was conditionally approved by DTSC in a letter dated December 21, 2007; DTSC provided comments and requested minor changes. A Final RAW addressing DTSC's comments was submitted on January 29, 2008. The selected remedy for the subject property was excavation and offsite disposal of the lead impacted soil. As described in

Section 7.0 of the RAW, a remedial activities agreement between UPRR and Quemetco has not been reached. In a letter dated June 30, 2008 from John Mueller (Quemetco's counsel) to Juli Oborne (DTSC Unit Chief) states that "*Quemetco is not obligated under the Order or the RAW to perform any work on the Union Pacific Railroad Right-of-Way. We understand based on paragraph 2.1.2 of the Order, Ms. Sayareh Amir's letter of February 27, 2008 approving the RAW, and your letter of June 2, 2008, that the Union pacific Railroad is responsible to implement that portion of the RAW as respects the Union Pacific Railroad Property.*" Therefore, the approved RAW only covers remediation of contaminated soil within the subject property; the UPRR right-of-way was not addressed as part of the RAW.

This report provides details for the implementation of soil removal activities (described in the RAW), performed by WSP and A&J Environmental (A&J) (excavation contractor).

2.0 Site Background

2.1 Site Description

The subject property is located in City of Commerce, California on the south side of Pacific Way at Cobb Street. The nearest freeway is the Long Beach Freeway (FWY 710), located approximately 1,300 feet to the east. The Santa Ana Freeway (I-5) is located approximately 3,500 feet to the north/northeast. The geographic coordinates of the subject property are 34°00'21" N latitude and 118°10'30" W longitude, Township 2 South, Range 13 West of the San Bernardino Baseline and Meridian (USGS, Los Angeles Quadrangle, 7.5-minute Series, 1981). The subject property location is presented in Figure 1.

The subject property is approximately 300 feet long by 65 feet wide, with three corrugated metal sheds and one small wooden office building. The metal sheds have been designated as Building A, Building B, and Building C. The office is designated as Building D. The buildings appear to have been in place since the later 1940s and 1950s. The subject property layout is provided in Figure 2.

The overall area surrounding the subject property is an older industrial setting, consisting of warehouses, storage yards, manufacturing centers and other light industrial properties. There are many metal industries north of the subject property across Pacific Way including Criterion Gate and Manufacturing Company, the former Lynwood Battery Manufacturing Company (Lynwood Battery), Hicks Enterprises Inc., WCP Color Graphics, Inc., Weld-It Company, PPG Industry, Inc., and Baker Bearing Company. Currently, Lynwood Battery is no longer operating in City of Commerce. According to the Order, Hicks Enterprises is a major auto parts manufacturing company in Southern California. There is a residential area across Washington Boulevard approximately 400 to 1,000 feet northeast of the subject property that is comprised of approximately 100 single-family homes. Immediately east of the subject property are two aboveground water tanks owned by the California Water Service Group. To the west of the subject property is a storage yard. A major rail yard is located approximately 1,000 feet south of the subject property. Several railroad tracks are located adjacent to the south side of the subject property. According to the Order, the railroad tracks are owned and controlled by the UPRC. The UPRC was named as a Respondent solely with respect to its property, and its responsibilities and obligations under the Order are limited to its property.

2.2 Site History

According to the Order, Western Lead Products Corporation conducted a number of different lead manufacturing operations on the subject property. These included the production of "powdered lead," litharge, red lead, and battery oxides. As noted below, the Preliminary Assessment was in substantial error when it stated that lead-smelting was conducted on the subject property. To the best of our knowledge, the Western Lead Products Company **did not** operate a lead smelting operation at the subject property. In fact, the company manufactured lead oxide. There was no breaking of batteries, no smelting in furnaces, no furnace smoke stacks, and no spillage of acid. The company produced "litharge," a powered lead product used in ceramic glazing. It also produced red-lead for paint and lead oxide sold to battery manufacturers. The company used a "Barton Pot" process. Bag houses were employed to capture dust from the operation so that the lead values from the dust could be added back into the lead oxide products. It appears likely that the lead oxide was placed into drums and shipped from the site via rail car and/or truck to the final destination.

According to the Order a building permit was issued to Mr. Robert N. Quenell in August 1946 for construction of a new building to produce powdered lead and lead oxide at the subject property. Another building permit was issued in November 1946 to Western Lead Products for modification of the manufacturing building. In June 1952, a building permit was issued to Western Lead Products Corporation for construction of a 64-foot by 108-foot lead processing building. The building was to replace a building destroyed by fire. Another building permit was issued to Western Lead Products Corporation in June 1956 for installation of a 1,000-gallon gasoline tank. Western Lead Products Corporation moved its operations from the subject property to a different location in the City of Industry in 1960.

A building permit was issued to Harley Harkness on May 4, 1961 to alter the existing buildings on the subject property. Conveyors were added to the buildings for manufacturing of perlite lightweight aggregates.

From approximately 1973 to 1976, the Property was occupied by a roofing construction company and used as a warehouse and storage yard. From approximately 1976 to 1984 the subject property was occupied by Hicks Enterprises, Inc., which is believed to have manufactured auto parts.

The subject property was purchased in 1984 by Jesus R. Cabral and Maria Y. Cabral,

who are the current owners of the subject property. The Cabrals are apparently using the subject property for a roofing construction business. There appears to be other vehicle-related operations taking place on the subject property. In addition, the subject property is being used for storage of auto parts, roll-off storage bins, and miscellaneous equipment. It is unknown at this time whether and to what extent prior owners and operators, including the Cabals, managed hazardous materials on the subject property.

The Order and the resultant Remedial Investigation (RI) were based on the potential that lead-related operations on the subject property and within the UPRC right-of-way may have caused residual lead contamination in the soil on the subject property and the right-of-way.

2.3 Physical Characteristics of the Study Area

2.3.1 Surface Features and Surface Water Bodies

The topography of the area and its surroundings is generally flat at elevations of approximately 170 feet above mean sea level. The closest natural surface water body to the site is the Los Angeles River, located approximately 0.8 mile southwest of the subject property. The Pacific Ocean is approximately ten miles south of the subject property.

The area does not lie within a 100-year floodplain. The site is in a Zone C area with a designation of Minimal Flood Hazard. With the exception of a bare strip of land on the eastern subject property border (approximately 3-feet by 20-feet); the entire subject property is capped with buildings or pavement. Any surface water runoff from the subject property would be intercepted by storm drains before it reached the Los Angeles River. No springs or aqueducts are present near the subject property. In addition, no endangered species have been identified within four miles of the Property. Therefore, the DTSC has concluded that the surface water pathway is not a pathway of concern (DTSC 1999).

2.3.2 Meteorology

Most of the annual precipitation in the downtown Los Angeles area historically occurs between November and April. The average annual rainfall for Los Angeles Civic Center area is reportedly 14.6 inches. Wind speed and direction data are not recorded at the Los Angeles Civic Center weather station. A review of data from other NCDC stations in Los Angeles and Orange Counties indicates highly variable wind directions throughout the year with daily average speeds typically ranging between 5 and 10 knots. (NCDC, 1998).

2.3.3 Geology and Hydrogeology

The subject property is located in the Los Angeles Forebay of the Central Basin of the Coastal Plain of Los Angeles County. The Forebay area consists mainly of unconsolidated sediment or alluvium underlain by bedrock. The uppermost 80 feet of sediments in the vicinity of the subject property have been characterized as well-graded sand and silty sand that contains some gravel. No groundwater monitoring wells are present at the subject property. Based on local and regional data, the DTSC estimates that the depth to groundwater is over 140 feet below ground surface (bgs) in the vicinity.

The shallow confining layer which covers most of the Central Basin (known as the Bellflower Aquiclude) is absent in the Los Angeles Forebay area. According to the California Department of Water Resources (WDR), in the vicinity of the subject property, the two uppermost aquifers (the Gaspur and Exposition Aquifers) appear to be unconfined and hydraulically connected to each other; the bottom of the Exposition Aquifer is approximately 150 feet bgs. The deeper aquifers are reportedly confined by fine-grained aquicludes. The identified aquifers which lie beneath the Exposition are (from shallowest to deepest): Gardena/Gage, Hollydale, Lynwood, Silverado, and Sunnyside Aquifers. The base of the potentially water bearing sediments in the vicinity of the subject property is approximately 500 feet bgs (DWR, 1961 and 1968). It should be noted that these "aquifers" may not necessarily contain water; the DWR designates these layers as "aquifers" to indicate their potential for bearing water, rather than the actual presence of water in them.

Groundwater within four miles of the subject property is used for municipal water supplies by 15 water purveyors. The nearest drinking water well is located approximately 1/8 mile northeast of the site. This well is operational and is screened from 200 feet to 500 feet bgs. The depth to water in this well is approximately 150 feet bgs. Because municipal drinking water wells are present in the vicinity, the DTSC evaluated the potential groundwater exposure pathway for the site. Based on their analysis, the DTSC concluded that "there is a low potential for significant groundwater contamination due to the depth of groundwater (a minimum of 140 feet below grade) in the vicinity of the site and the relative immobility of heavy metals in the soil (DTSC 1999)." In addition, as described in Section 3.2 of the final RAW, previous soil sampling results indicate that lead is restricted to surface soils and has not migrated downward. Furthermore, nearly the entire site is capped with buildings or asphalt pavement, minimizing the

potential for surface water infiltration through shallow soils For these reasons, groundwater quality issues do not present any material concern.

3.0 Nature and Extent of Contamination

3.1 Cleanup Goal

As described in Section 4.0 of the RAW, DTSC has specified a lead cleanup goal of 750 mg/kg for industrial/commercial settings The industrial/commercial land use scenario is appropriate because the subject property area and the surroundings are zoned as industrial. However, during excavation activities and after receiving preliminary analytical results, WSP and Quemetco concurred that with additional excavation efforts, it would be possible to achieve the lower residential lead cleanup goal for lead in soil of 150 mg/kg. The residential lead cleanup goal is based on both the California Human Health Screening Levels (CHHLs) (January 2005) and the California Modified Preliminary Remediation Goal (PRG) (October 2004). Therefore, for the purposes of this remedial action, the lead cleanup goal of 750 mg/kg was met and Quemetco was able to achieve a residential lead cleanup goal of less than 150 mg/kg in the vast majority of the excavation areas planned in the approved RAW. In one of the four excavation areas outlined in the approved RAW (Area D), further excavation of soils exceeding the industrial lead cleanup levels was not possible due to physical and property boundary constraints in two confirmation sample locations (see Section 6.2).

3.2 The Subject Property

Elevated lead concentrations (exceeding 750 mg/kg) tend to be located on the western portion of the subject property inside or in the vicinity of Building C (Figure 3) Lead levels exceeding the industrial lead cleanup goal in the western portion of the site range from 890 mg/kg to 70,000 mg/kg. The elevated lead concentrations are limited to surface or near-surface soils The deepest soil sample containing lead at a concentration exceeding the lead cleanup goal was SB-28-3, collected at a depth of three feet bgs. The lead level in a five-foot bgs sample collected from the same location (SB-28-5) was well below the industrial and residential lead cleanup goals.

In general, lower lead concentrations are observed on the eastern portion of the subject property Lead levels exceeding the lead cleanup goal were detected in six samples ranging from 1,200 mg/kg to 68,000 mg/kg. Four of the samples exceeding industrial lead cleanup goals are located within Building A. Two of the samples exceeding industrial lead cleanup goals are

located in the bare soil area east of Building A. As with the western portion of the subject property, elevated lead levels are limited to shallow soils. The deepest sample exceeding the industrial lead cleanup goal in the eastern portion of the subject property was collected at a depth of one foot bgs (SB-01-1).

Eight of the soil borings with samples exceeding the industrial lead cleanup goal were located within Building A and Building C. These samples were SB-4, SB-8, SB-11, SB-31, WLP-S01, WLP-S02, WLP-S03, and WLP-SO8. Because samples in these locations are beneath buildings, under approximately 10 inches of concrete slab, there is no exposure pathway to soils in these areas. Therefore, lead levels in soils beneath Buildings A and C pose no health threat

3.2.1 Excavation Areas

Four areas on the subject property were identified in the RAW that required excavation. Note that these four areas are "outdoor locations" and are not inside a building covered by a concrete slab. For the purposes of this report, the excavation areas were identified as Area A, Area B, Area C, and Area D (Figures 4 and 5). Three areas (Areas A, B, and C) were excavated beneath asphalt on the western portion of the subject property. The combined areas in these three locations were approximately 1,400 ft^2. The depths of the excavations in the western portion of the subject property ranged from one to four feet bgs. The narrow strip of bare soil on the eastern subject property boundary (Area D) was also excavated. This area was approximately 60 feet long and 3 feet wide. Soils were excavated to depths of three to four feet bgs along the bare soil strip. As discussed above and in accordance with the approved RAW, soils beneath buildings at the subject property were not excavated because there is no soil exposure pathway at these locations.

3.3 Union Pacific Right-of-Way

Lead concentrations in soil are consistently higher along the UPRC right-of-way than on the subject property. The industrial lead cleanup goal for lead was exceeded in samples across the entire UPRC right-of-way, extending along the southern boundary of the subject property. Lead levels exceeding the industrial lead cleanup goal on the UPRC right-of-way ranged from 819 mg/kg to 91,500 mg/kg. As on the subject property, elevated lead levels are limited to shallow soils – the deepest sample containing lead above the industrial lead cleanup goal was collected at two feet bgs (UPROW-SB-12-2).

4.0 Construction Activities

4.1 Remedial Action Team

The remedial action team and their respective job descriptions are provided below.

4.1.1 WSP

WSP was retained by Quemetco to provide environmental consulting services. WSP's responsibilities included:

- preparing and implementing the remedial workplan and excavation plan
- collecting soil verification samples
- coordinating laboratory support
- interpreting data
- delineating excavation limits
- monitoring health and safety
- coordinating and preparing manifests and disposal documentation
- preparing the site closure report
- overseeing A&J (remedial contractor) and subcontractors
- serving as liaison among Quemetco, Mr. Jesus Cabral (subject property owner), and DTSC
- managing documenting, and ensuring the performance of excavation activities, transportation and disposal activities, restoration, specifications, and health and safety requirements

4.1.2 A&J

A&J, a hazardous waste licensed contractor within the State of California (A-Haz 653381) of Fontana, California, was responsible for the major construction work at the Site including excavation, transportation and disposal, procurement of backfill material, backfilling, and general site restoration. A&J subcontractors included the following:

- U.S. Ecology, Beatty Nevada (disposal of waste)
- Hoyt Trucking, Corona, California (licensed hazardous waste transporter)
- Harris Transfer Inc, Grand Terrace, California (backfill material transporter)
- Vern Perry Asphalt Paving Inc., Santa Ana, California (asphalt paving)

4.1.3 U.S Ecology

All excavated material and debris were disposed of at U.S Ecology (EPA ID No. NVT330010000) in Beatty, Nevada, under a Uniform Hazardous Waste Manifest For this removal action, all excavated materials, including a small amount of asphalt and concrete, were disposed of as a RCRA regulated hazardous waste. Copies of the manifests are provided in Appendix A.

4.2 Mobilization

In accordance with Section 7.1 of the RAW, before intrusive activities began, WSP performed a site reconnaissance to identify any area requiring the removal of Mr. Cabral's roofing equipment. Mr. Cabral was informed of our excavation areas and he moved the roofing equipment and supplies out of the work areas. WSP notified the Southern California Underground Service Alert of the pending excavations and all underground utilities within the city right-of-way were identified and marked. Additionally, WSP contracted a private utility locating company, GeoVision of Corona, California, to locate and mark buried utilities within and near the proposed excavation areas.

Between July 14 and July 25, 2008, WSP and A&J implemented remedial activities for the former Western Lead subject property. In accordance with Section 3.7 of the Sampling and Analysis Plan, during remediation activities, WSP maintained daily activity logs to ensure complete documentation for the work performed. A copy of the daily logs is provided in Appendix B.

WSP took photographs to document all remedial activities. Site activity photographs are provided in Appendix C.

4.3 Initial Site Survey

Before intrusive activities commenced, applicable soil boring locations from past site investigations (performed by the U.S. Environmental Protection Agency (EPA), WSP, UPRC, and Pacific Edge Engineering, Inc.) were identified in the field by measuring each location to accurately assist in determining the horizontal and lateral extent of each proposed excavation area. WSP marked out the following four excavation limits for each area:

- Area A – 15' X 15'- excavation depth of 1-foot bgs

- Area B – 15' X 30' – excavation depth of 2-foot bgs
- Area C – 20' X 20' – excavation depth of 4-foot bgs
- Area D – 3' X 60' – excavation depths of 3-foot bgs (northern half) to 4-foot bgs (southern half)

4.4 Excavation Summary

In accordance with Section 7.2 of the RAW, all excavated material was managed as a RCRA hazardous waste under a profile with U.S. Ecology. At the U.S. Ecology facility, each end dump truck hauling waste material was subjected to a tare weight and loaded weight, in order to calculate the net weight of the material. A uniform hazardous waste manifest (UHWM) accompanied each end dump. Copies of the manifests are provided in Appendix A. It should be noted that the generator name in Section 5 of the UHWMs is incorrect. WSP inadvertently identified the generator as RSR Corporation and not Quemetco Inc. WSP has submitted a letter to DTSC's Generator Information Services Section to correct this error. A copy of the letter is provided in Appendix D.

On July 14, 2008, A&J began excavating the western portion of the Site at Areas A, B, and C (Figures 4 and 5). Under the direction of WSP, A&J excavated these areas to the appropriate depths. On July 15, 2008, A&J began excavating the eastern portion of the Site at Area D. Areas A, B, and C were excavated using a backhoe while due to the narrow access; Area D had to be excavated by hand using shovels and a wheel barrow.

At the end of each day, plastic sheeting was used to cover exposed soil to control and minimize dust dispersion. During excavation and loading activities, an onsite water hose was used to suppress dust.

In accordance with Section 7.2 of the RAW, excavated soil was temporarily stockpiled on plastic sheeting and sampled to develop a characterization profile of the material. A description of the waste characterization process is provided in Section 5.3.

All trucks were loaded on-site and on top of plastic sheeting, thus minimizing the need to decontaminate truck tires. Each truck was provided with the appropriate Department of Transportation (DOT) placard, manifest, covered with a tarp before leaving the Site. During the excavation and loading processes, WSP performed air monitoring in accordance with Sections 4.0 and 7.0 of the RAW Health and Safety Plan. A copy of the field notes is provided in Appendix B.

On behalf of Quemetco, WSP obtained a temporary EPA ID number (CAC002632205) for the disposal of RCRA regulated material. A total of 9 truckloads, or 208 tons of soil and debris impacted with lead, were excavated, loaded, and transported to the U.S. Ecology facility

4.4.1 Site Personnel and Equipment Decontamination

In accordance with Section 5.0 of the RAW Health and Safety Plan, site personnel were subject to decontamination procedures upon exiting the exclusion zone (EZ). The EZ consisted of the entire excavation area. A temporary decontamination pad was constructed in the contaminant reduction zone (CRZ). Plastic sheeting was placed on the ground at the egress portion of the EZ. A temporary trough was constructed with active plumbing to facilitate a shower and eyewash station. Personnel exiting the EZ removed dirt and debris from their boots using a brush within the trough, scrubbed, and rinsed off using the shower. All decontamination water eventually evaporated.

All construction equipment was decontaminated before leaving the Site. Dirt and debris adhering to the tracks or tires of equipment were removed by hand, picks, and shovels. The tracks and tires were subsequently swept clean with a broom. All end dump trucks were staged on plastic sheeting while receiving their load.

5.0 Sample Collection and Analysis

In accordance with Section 3.2 of the RAW Sampling and Analysis Plan, during remedial activities, confirmation soil samples were collected from the excavated areas to ensure that lead concentrations, identified in the RAW, were removed to a concentration below the established cleanup level of 750 mg/kg As discussed in Section 3.1, DTSC has specified a lead cleanup goal of 750 mg/kg for industrial/commercial settings. The industrial/commercial land use scenario is appropriate because the subject property area and the surroundings are zoned as industrial. However, during excavation activities and after receiving preliminary analytical results, WSP and Quemetco concurred that with additional excavation efforts, it would be possible to achieve the residential lead cleanup goal for lead of 150 mg/kg. The residential lead cleanup goal is based on both the California Human Health Screening Levels (CHHLs) (January 2005) and the California Modified Preliminary Remediation Goal (PRG) (October 2004). Therefore, for the purposes of this remedial action, the lead cleanup goal of 750 mg/kg was met and Quemetco was able to achieve a residential lead cleanup goal of less than 150 mg/kg in the vast majority of the excavation areas outlined in the RAW The industrial lead cleanup goal could not be achieved in only two confirmation sample locations within Area D due to physical and property boundary constraints (see Section 6.2).

A summary of the sample collection and Quality Assurance/Quality Control Procedures (QA/QC) is presented below. The sampling results are discussed in Section 6.0. A QA/QC summary report and laboratory data summary sheets are provided in Appendix E.

In accordance with Sections 4.1, 4.2, 4.3, of the RAW Quality Assurance Plan, field documentation during sampling activities tracked the samples and facilitated interpretation of the sampling and analytical data. Documents that were used in the sample control process are described below.

Sample labels were used to properly identify each sample submitted to the laboratory for analysis. Each sample was assigned a unique sample identification number In addition to the sample identification number, the label included the project name, sampler's name, date and time of collection, analysis requested, and preservation (if applicable).

Chain-of-custody (COC) procedures were followed during the handling and shipment of all samples collected during the remedial activities. In order to document the integrity of the

samples between collection in the field and laboratory analysis, COC record forms accompanied each shipment of samples to the laboratory. Copies of the COCs are provided in Appendix F

5.1 Quality Assurance/Quality Control Samples

In accordance with the RAW Quality Assurance Plan, to verify that the sample collection and handling process had not affected the quality of the samples, quality control samples were prepared and submitted with the soil samples. A quality assurance/quality control report is provided in Appendix E

5.2 Confirmation Sampling

In accordance with Section 7.2 of the RAW and Sections 3 1 and 3.2 of the RAW Sampling and Analysis Plan, after soils were removed from each Area (Areas A, B, C, and D), WSP personnel collected soil confirmation samples from the bottom and sidewalls of each excavation area. Sidewall samples were collected at the mid-point of the excavation depth. For example, if an area was excavated to a depth of four feet, each sidewall sample was collected at a depth of two feet.

In excavation Areas A, B, and C, confirmation samples were collected at the base of each excavation and on each of the four sidewalls. In Area D, verification samples were collected every 20 feet at the base and sidewalls of the excavation (Figures 4 and 5). All confirmation samples were analyzed for lead on a 24-hour turnaround basis using EPA Method 6010. If verification samples exceed the residential lead cleanup goal of 150 mg/kg, excavation (if possible) and re-sampling continued where necessary until the lead cleanup goal was met.

In addition to the quality control samples, WSP collected a total of 25 sidewall samples and 10 confirmation samples at the bottom of the excavations Sidewall samples were designated with "SW" followed by the location number then the depth of the sample For example, SW3-0.5 is a sidewall sample collected at location number 3 at a depth of approximately one-half-foot bgs. If an area was re-excavated because a verification sample exceeded the lead cleanup goal, an additional verification sample was collected from the same horizontal or vertical location. The new verification sample was named with the original verification sample name plus the letter "a" followed by the depth of the new verification sample relative to the original (unexcavated) ground surface For example, in excavation Area A, the

initial southern sidewall sample collected at SW3-0.5 detected lead at a concentration of 745 mg/kg. To meet or exceed the cleanup level of 150 mg/kg, WSP re-excavated approximately five-feet of this southern sidewall and collected new verification sample (SW3a-0.5). Sample locations and analytical results are discussed in Section 6.2.

The bottom of the excavation confirmation samples were designated with a "CS" followed by the location number then the depth of the sample. For example, CS3-4 is a confirmation sample collected from the bottom of the excavation at location number 3 at a depth of approximately four-foot bgs. In the event an area required re-excavating (excavating to a greater depth because lead concentrations exceeded the cleanup criteria); the sample identification number remains the same except for the depth. For example, CS6-1 is a confirmation sample located in Area D that was re-excavated to a depth of three-foot bgs; the corresponding verification sample identification is now CS6-3

At each sampling location, soil samples were collected from native soil within one to two-inches of the surface of the excavated surface. In accordance with Section 3.2 of the RAW Sampling and Analysis Plan, samples from each selected location were obtained using a new dedicated stainless steel spoon. Each confirmation sample was collected by a WSP representative wearing the appropriate PPE and new nitrile sampling gloves at each location. The soil was homogenized and course material and other non-soil components, (e.g., organic material, debris) were discarded before placing the soil into the laboratory supplied sample container. Each sample container was then immediately labeled and placed in a chilled cooler. Each sample was analyzed using a 24-hour turn around time for lead, by EPA method 6010.

5.3 Stockpile Sampling

To ensure that proper waste acceptance procedures were followed, a composite stockpile sample was collected and identified as "SP1". A representative composite soil sample was collected from the approximately 125 cubic yard temporary stock pile. The stockpile was sampled by a WSP representative wearing nitrile sampling gloves and appropriate PPE. WSP cordoned off the stockpile area by collecting four individual soil samples from the north, south, east, and west in laboratory supplied 6-ounce jars. The four jars were further composited into one 6 ounce jar aliquot. The collected soil was then placed in a cooler with ice under chain of custody, and subsequently picked up by the laboratory courier pending chemical analysis.

The sample was analyzed according to the disposal facility's (U.S. Ecology in Beatty, Nevada) profiling requirements SP1 was analyzed for Total Threshold Limit Concentration (TTLC) using the Title 22 metals list, Toxicity Characteristic Leaching Procedure (TCLP) metals, and Soluble Threshold Limit Concentration (STLC) metals by EPA methods 6000/200.7/7000, 1311, and 7471, respectively Laboratory analytical results are discussed in Section 6.3 A summary of stockpile sample results is provided in Table 1. Copies of the chains-of-custody and laboratory analytical results are presented in Appendices F and G, respectively.

5.4 Backfilling

As soon as all of the confirmation samples indicated that the lead cleanup goal was achieved and the excavation limits were complete, WSP began importing and backfilling the excavation areas All of the excavation areas were backfilled with Caltrans specification Class II aggregate base material (CAB).

The CAB material was appropriately hydrated, placed, and compacted in approximate eight-inch lifts. Each lift was compacted with a vibratory compactor and wheel rolled with the heavy equipment. Between July 17, 2008 and July 21, 2008, a total of nine truck loads or 201 tons of CAB material were imported and placed in the excavation. Excavation areas A, B, and C were backfilled with CAB to approximately 6-inches below original grade. On July 21, 2008, the remaining surface within excavation areas A, B, and C was paved with approximately 6-inches of asphalt to match existing grade. Excavation Area D was backfilled with CAB to original grade; no asphalt was placed.

Before emplacement of the CAB, a representative composite sample (BF-1) was collected from the source area of the CAB at Catalina Pacific Quarry in Colton, Ca and analyzed for the following parameters:

- Volatile organic compounds (VOCs) by EPA method 8260
- Semi-volatile organic compounds (SVOCs) by EPA method 8270
- metals by EPA method 6010/7000
- total petroleum hydrocarbon (TPH) by 8015

Analytical results are discussed in Section 6.4

6.0 Sampling Results

6.1 Soil Cleanup Goals

As described in Section 3.1, DTSC has specified a lead cleanup goal of 750 mg/kg for industrial/commercial settings. A cleanup of 750 mg/kg would require a land use restriction for the subject property to continue as industrial use. Any future land use changes will necessitate a new risk evaluation and could result in additional cleanup effort. The industrial/commercial land use scenario is appropriate because the subject property area and the surroundings are zoned as industrial. However, during excavation activities and after receiving preliminary analytical results, WSP and Quemetco concurred that with additional excavation efforts, it would be possible to achieve the residential lead cleanup goal for lead of 150 mg/kg in excavation areas A, B, and C. The residential lead cleanup goal is based on both the California Human Health Screening Levels (CHHLs) (January 2005) and the California Modified Preliminary Remediation Goal (PRG) (October 2004). As described below, two confirmation sample locations within Area D exceeded the industrial lead cleanup level, but were inaccessible for further excavation.

6.2 Confirmation Sample Results

A summary of all confirmation and sidewall sample results is provided on Table 2. Copies of the chains-of-custody and laboratory analytical results are presented in Appendices F and G, respectively. Confirmation soil samples were collected and analyzed for lead.

Lead concentrations ranged from 1.80 mg/kg to 10,500 mg/kg. As described above, samples with lead concentrations exceeding 150 mg/kg was subject to further excavation and subsequent re-sampling. This occurred in samples collected from five areas, SW2, SW3, SW5, CS6, and SC7. As noted on Table 2, the subsequent re-sampling efforts indicated that the additional excavating efforts were successful in lowering the lead levels to below the 150 mg/kg residential lead cleanup goal. Thus, all confirmation samples collected in excavation areas (Areas A, B, and C) indicated that further excavation was not necessary and that lead concentrations are below the residential lead cleanup goal of 150 mg/kg.

During excavation activities, WSP was not able to further excavate four small locations in Area D (SW19-0.5, SW20-0.5, SW21-0.5, and SW22-0.5) that exceeded the residential lead cleanup goal of 150 mg/kg (Figures 4 and 5). Further, of these four sidewall samples, two samples

(SW20-0.5 and SW21-0.5) exceeded the lead cleanup goal of 750 mg/kg. The following provides a brief explanation for each of these areas

- Soil sample SW19-0.5 (lead concentration at 216 mg/kg) – collected adjacent to the east edge of the subject property in excavation Area D. This confirmation sample meets the industrial lead cleanup goal. The sample was taken six inches below the ground surface on a sidewall at the edge of the California Water Services Group property at the eastern boundary of the subject property. The California Services Water Company property is covered with asphalt at the surface above the sidewall sample; thus, there is no pathway for potential human health exposure. Based on this sample location, further excavation was not possible since encroachment upon the adjacent California Water Services Group property would be required.
- Soil sample SW20-0.5 (lead concentration at 953 mg/kg) – collected adjacent to the west sidewall of excavation Area D, parallel to the eastern wall of Building A. This confirmation sample meets neither the industrial nor the residential lead cleanup level. This sample was taken six inches below the ground surface on a sidewall at the edge of Building A near the boundary of the subject property. Building A's floor slab covers the surface above the sidewall sample; thus, there is no pathway for potential human health exposure. Based on this sample location, further excavation would compromise the integrity of the adjacent structure.
- Soil sample SW21-0.5 (lead concentration at 1,530 mg/kg) – collected adjacent to the east sidewall in excavation Area D. This sample meets neither the industrial nor the residential lead cleanup level. As above, this sample was taken six inches below the ground surface on a sidewall at the edge of the California Water Services Group property at the eastern boundary of the subject property. The California Services Water Company property is covered with asphalt at the surface above the sidewall sample; thus, there is no pathway for potential human health exposure. Based on this sample location, further excavation was not possible since encroachment upon the adjacent California Water Services Group property would have been required.
- Soil sample SW22-0.5 (lead concentration at 304 mg/kg) – collected adjacent to the northern sidewall for excavation Area D. This sample meets the industrial lead cleanup level. The sample was taken six inches below the ground surface on a

sidewall at the edge of the sidewalk within the public right-of-way at the northeastern corner of the subject property. The sidewalk is covered with concrete at the surface above the sidewall sample; thus, there is no pathway for potential human health exposure. Based on this sample location, further excavation was not possible since encroachment upon the public right-of-way would be required.

6.3 Stockpile Sample Analytical Results

Stockpile sample results are summarized on Table 1. Copies of the chains-of-custody and laboratory analytical results are presented in Appendices F and G, respectively. The TTLC, STLC, and TCLP metals results were compared to the toxicity levels established in the Code of Federal Regulations (CFR) and California Code of Regulations (CCR)§66261.24. The TTLC, STLC, and TCLP metals results exceeded their respective state and federal toxicity values for lead. Therefore, all waste generated during the implementation of the RAW were characterized, transported, and disposed of as a Resource Conservation and Recovery Act (RCRA) hazardous waste.

6.4 Backfill Analytical Results

Backfill sample results are summarized on Table 3. Copies of the chains-of-custody and laboratory analytical results are presented in Appendices F and G, respectively. The analytical results were compared to the RAW lead cleanup goals as well as the USEPA Region 9 Residential Preliminary Remediation Goals (PRGs). No VOCs, SVOCs, TPH, or metals were detected above the PRGs or RAW lead cleanup goals. Based on the laboratory analytical results, the borrow source originating from BF-1 for the common fill was used.

7.0 Conclusions

Between July 14 and July 25, 2008, a total of 208 tons of soil and debris impacted with lead were excavated and removed from the Site. A total of 35 confirmation samples (i.e., 25 sidewall samples and 10 bottom samples) were collected and analyzed

DTSC has specified a lead cleanup goal of 750 mg/kg for industrial/commercial settings. The industrial/commercial land use scenario is appropriate because the subject property area and the surroundings are zoned as industrial. However, during excavation activities and after receiving preliminary analytical results, WSP and Quemetco concurred that with additional excavation efforts, it was possible to achieve the residential lead cleanup goal for lead of 150 mg/kg. The residential lead cleanup goal is based on both the CHHSLs (January 2005) and the residential PRGs (October 2004).

All confirmation samples collected in excavation Areas A, B, and C indicated that further excavation was not necessary and that lead concentrations are below the residential lead cleanup goal of 150 mg/kg.

In Area D, during excavation activities, WSP was not able to further excavate at four locations (SW19-0.5, SW20-0.5, SW21-0.5, and SW22-0.5) where sidewall confirmation samples were collected that exceeded either the industrial lead cleanup goal of 750 mg/kg or the residential lead cleanup goal of 150 mg/kg. These confirmation sample locations (all six inches beneath ground surface) are either beneath a concrete slab within Building A on the subject property, a sidewalk in the public-right-of-way covered by a concrete slab, or beneath an asphalt paved surface on the adjacent California Water Service Group property. Therefore, lead levels in soils in these areas pose no human health threat. Of the four confirmation samples, two samples (SW20-0.5 and SW21-0.5) exceeded the lead cleanup goal of 750 mg/kg.

Therefore, for the purposes of this remedial action, the lead cleanup goal of 750 mg/kg was met for all excavation areas except for two confirmation sample locations within Area D that were inaccessible for excavation.

In accordance with the content of the approved RAW, the two confirmation sample locations that exceeded the industrial lead cleanup goal during the implementation of the RAW are similar in nature to previously collected soil samples that exceed the industrial lead cleanup goal at several locations beneath the floor slab within Building A on the subject property. The

soils beneath the floor slab were not planned for excavation in the approved RAW because there is no pathway for human exposure. Similarly, for the confirmation sample locations collected during the RAW implementation, there is also no current pathway for human health exposure. Thus, the approved RAW has been successfully completed.

Based on the remedial efforts performed, the residential cleanup level of 150 mg/kg has been achieved for the entire subject property except for soil beneath the floor slabs in Buildings A and C

The cleanup to the industrial lead cleanup goal of 750 mg/kg requires a land use restriction for the subject property to continue as industrial use Any future land use changes will necessitate a new risk evaluation.

8.0 Administrative Record List

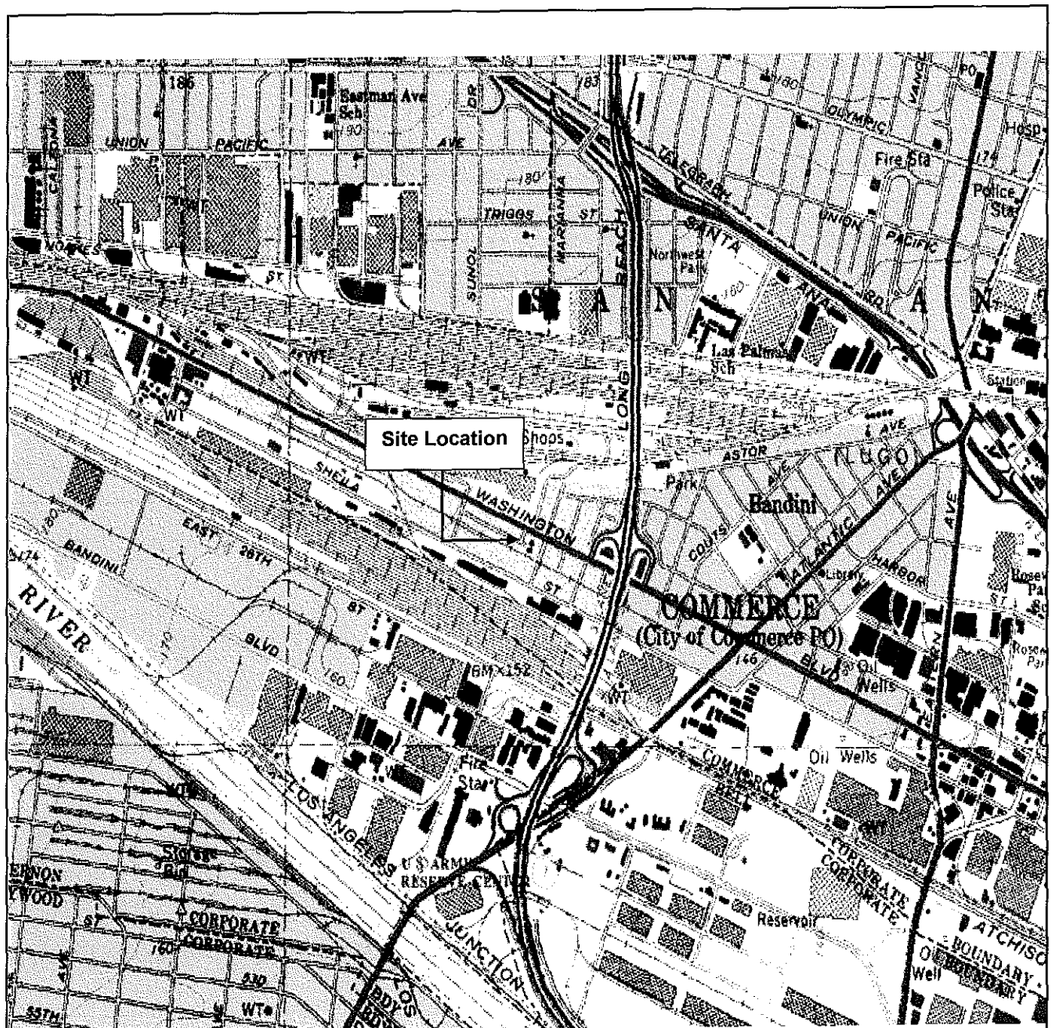
DTSC, 1999 Preliminary Assessment With Sampling. Western Lead Products, 4530 Pacific Way, City of Commerce, CA 90040 April 22.

DWR, 1961. California Department of Water Resources. Bulletin No. 104, Planned Utilization of Ground Water Basins: Coastal Plain of Los Angeles County, Appendix A, Ground Water Geology, June 1961.

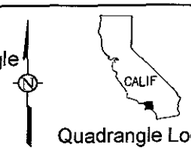
DWR, 1968. California Department of Water Resources. Bulletin No. 104, Planned Utilization of Ground Water Basins: Coastal Plain of Los Angeles County, September 1968.

NCDC, 1997. National Climatic Data Center Local Climatological Data, Annual Summary with Comparative Data, Los Angeles, California, International Airport.

Figures



Reference
7.5 Minute Series Topographic Quadrangle
Los Angeles, California
Photorevised 1994 Scale 1:24,000



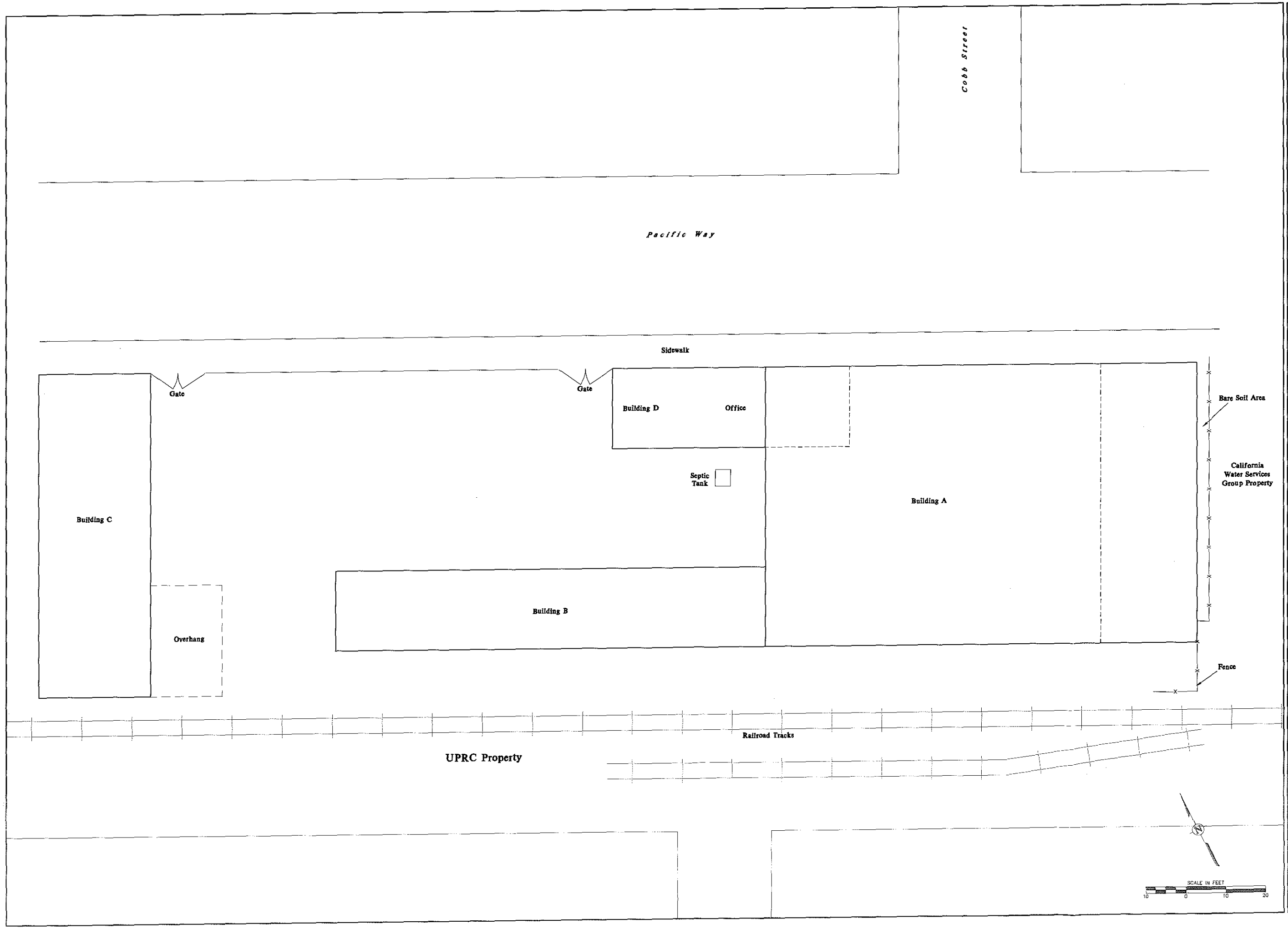
Quadrangle Location

1000 0 2000 4000

Scale in feet

WSP Environment & Energy
2025 Gateway Place
Suite 435
San Jose, California 95110
408-453-6100

Figure 1
Site Location
4530 Pacific Way
Commerce, California



REVISIONS

REV	DESCRIPTION		
1	Revised	Chkd:	Appv:
2	Revised	Chkd:	Appv:
3	Revised	Chkd:	Appv:

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SITE LAYOUT

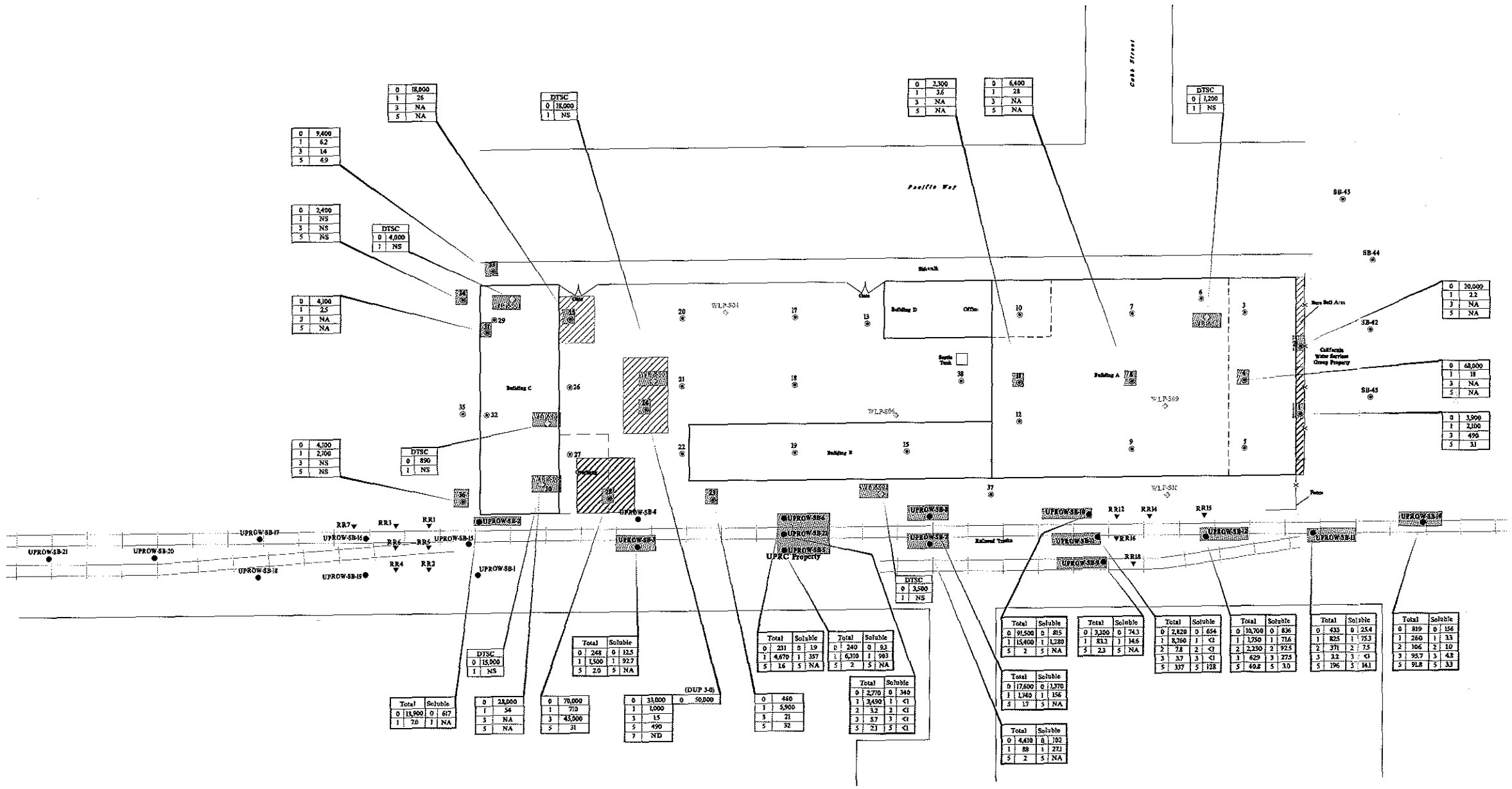
4530 PACIFIC WAY
COMMERCE, CALIFORNIA

PREPARED FOR
RSR CORPORATION

WSP ENVIRONMENT & ENERGY
2025 GATEWAY PLACE SUITE 435
SAN JOSE, CALIFORNIA 95110
(408) 453-6100

FIGURE 2

Drawing Number
21825901



Note: Samples B-4, B-5, and B-6 Correspond with SB-36, SB-35 and SB-34 Repectively

Adjacent Property			
	B-4	B-5	B-6
0	NS	NS	NS
3	52	44	72
10	4.2	6.6	7.0

Key

Depth (Measured in ft/bgs.) — Lead Concentrations (Measured in mg/kg)

0	20,000
1	22
3	NA
5	NA

NA - Not Analyzed
NS - Not Sampled
ND - Not Detected

Legend

- February 1999 Preliminary Assessment Sample Location
- Soil Boring Locations
- Soil Sample Analytical Results for Total Lead Detected Above the DTSC Cleanup Goal of 750 mg/kg.
- Soil Boring Analytical Results for Total Lead Detected Above the DTSC Cleanup Goal
- Approximate Proposed Excavation Limits (2 Foot Deep)
- Approximate Proposed Excavation Limits (3 Foot Deep)
- Approximate Proposed Excavation Limits (4 Foot Deep)

Note:

The Concentration Boxes Have Been Removed for Soil Sample Locations Where Analytical Results for Total Lead are Below the DTSC Cleanup Goal of 750 mg/kg.

SCALE IN FEET
20 0 20 40

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2	Revised	Date	Appr
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SOIL SAMPLING ANALYTICAL RESULTS FOR LEAD

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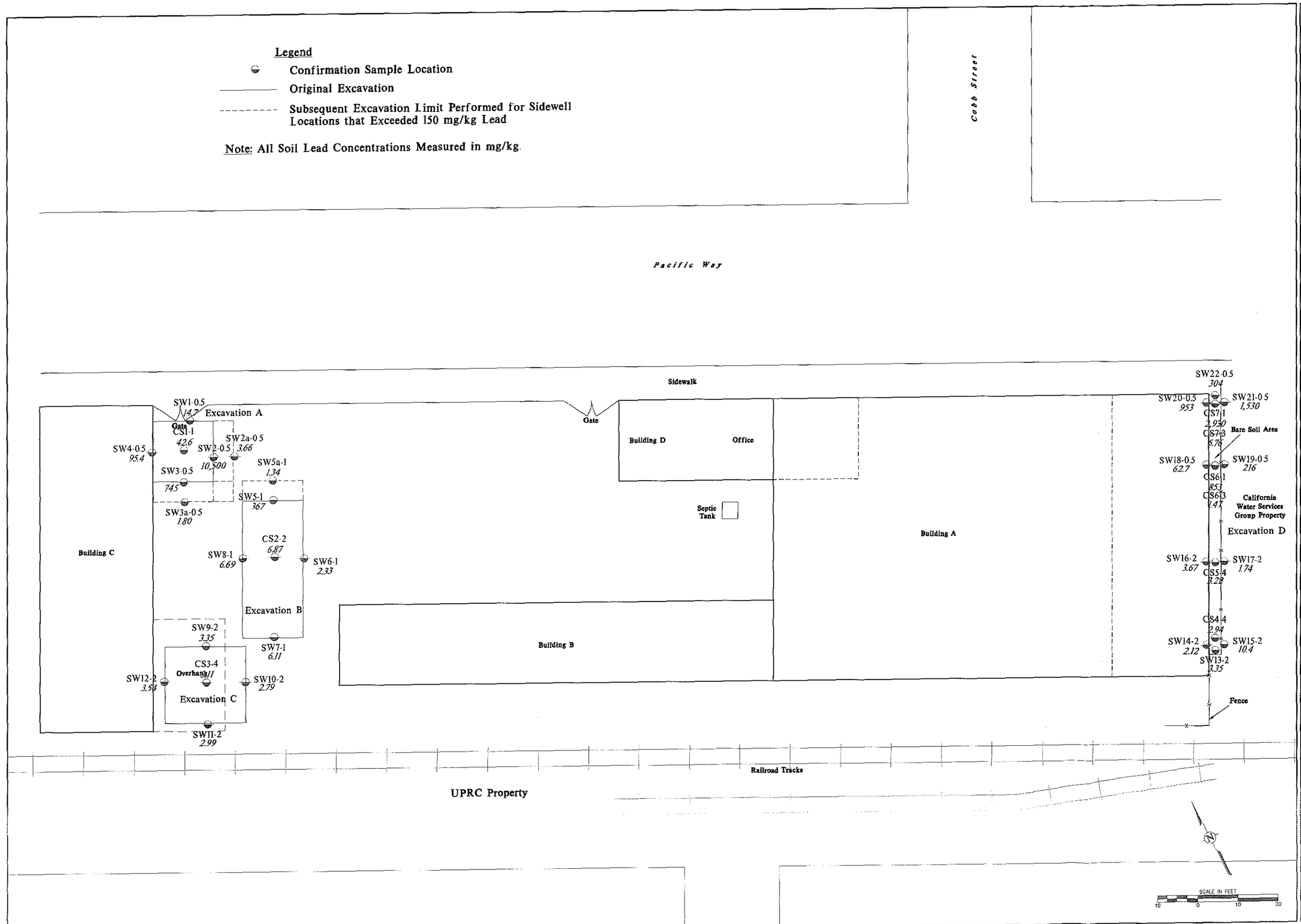
FIGURE 3

Drawing Number
21825901



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EXCAVATION AREAS WITH CONFIRMATION SAMPLE LOCATIONS

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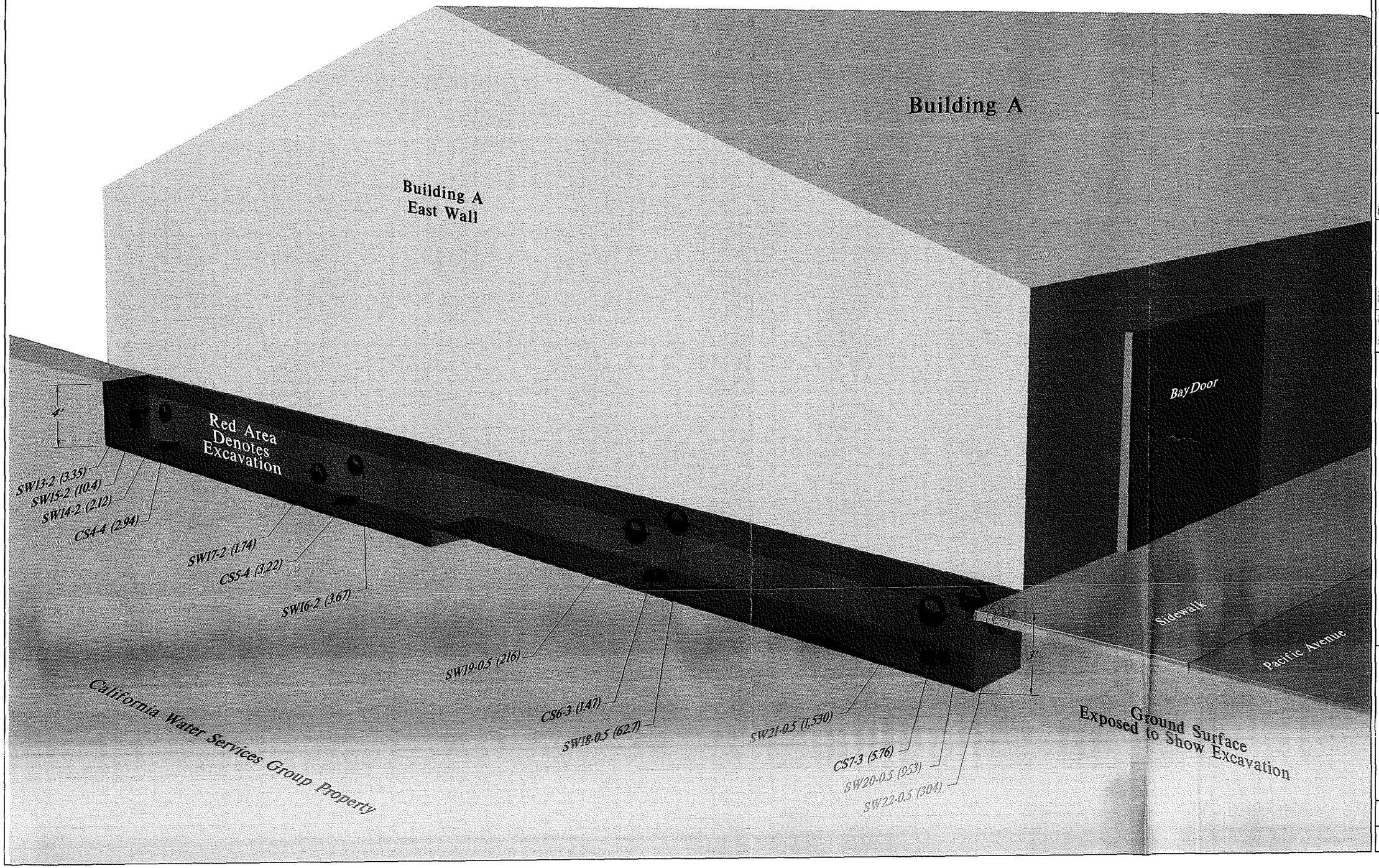
(408) 453-6100

FIGURE 4

Drawing Number
21825901

Not To Scale - For Depiction Purposes Only

SW19-0.5 (216) = Sidewall Sample that Exceed Residential/Industrial Cleanup Standards for Lead (Measured in mg/kg)



REVISIONS

REV	DESCRIPTION	DATE	APPD
1	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]

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CONCEPTUAL SITE EXCAVATION AREA D
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COMMERCE, CALIFORNIA
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RSR CORPORATION

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WSP ENVIRONMENT & ENERGY
2025 GATEWAY PLACE SUITE 435
SAN JOSE, CALIFORNIA 95110
(408) 453-6100

FIGURE 5

Drawing Number
21825903

Tables

Table 1
Summary of Stock Pile Soil Sampling
Former Western Lead Facility
4530 Pacific Way
Commerce CA

	Analysis	Concentration	Units
Metals	Antimony	<0.750	mg/kg
	Arsenic	4.87	mg/kg
	Barium	157	mg/kg
	Beryllium	0.295	mg/kg
	Cadmium	<0.500	mg/kg
	Chromium	9.51	mg/kg
	Cobalt	7.20	mg/kg
	Copper	15.3	mg/kg
	Lead	6,940	mg/kg
	Mercury	<0.0835	mg/kg
	Molybdenum	<0.250	mg/kg
	Nickel	7.30	mg/kg
	Selenium	0.814	mg/kg
	Silver	<0.250	mg/kg
	Thallium	<0.750	mg/kg
	Vanadium	<0.250	mg/kg
	Zinc	313	mg/kg
Metals - TCLP	Antimony	<1.0	mg/l
	Arsenic	<1.0	mg/l
	Barium	<20	mg/l
	Beryllium	<0.3	mg/l
	Cadmium	<0.3	mg/l
	Chromium	<0.50	mg/l
	Cobalt	<0.3	mg/l
	Copper	<0.50	mg/l
	Lead	88.6	mg/l
	Mercury	<0.010	mg/l
	Molybdenum	<0.50	mg/l
	Nickel	<0.50	mg/l
	Selenium	<1.0	mg/l
	Silver	<1.0	mg/l
	Thallium	<5.0	mg/l
	Vanadium	<0.50	mg/l
	Zinc	7.3	mg/l
Metals - STLC	Antimony	<0.20	mg/l
	Arsenic	<0.20	mg/l
	Barium	3.50	mg/l
	Beryllium	<0.05	mg/l
	Cadmium	<0.05	mg/l
	Chromium	<0.10	mg/l
	Cobalt	<0.05	mg/l
	Copper	<0.10	mg/l
	Lead	437	mg/l
	Mercury	<0.0020	mg/l
	Molybdenum	<0.10	mg/l
	Nickel	<0.10	mg/l
	Selenium	<0.20	mg/l
	Silver	2.87	mg/l
	Thallium	<1.0	mg/l
	Vanadium	<0.10	mg/l
	Zinc	18.3	mg/l

Table 2
Confirmation Sample Results (mg/kg)
Former Western Lead Facility
4530 Pacific Way
Commerce, CA

	Sample ID	Lead
Excavation A	SW1-0.5	14.7
	SW2-0.5	10,500
	SW2a-0.5	3.66
	SW3-0.5	745
	SW3a-0.5	1.80
	SW4-0.5	95.4
	CS1-1	42.6
Excavation B	SW5-1	367
	SW5a-1	1.34
	SW6-1	2.33
	SW7-1	6.11
	SW8-1	6.69
	CS2-2	6.87
	200 (a)	1.75
Excavation C	SW9-2	3.35
	SW10-2	2.79
	SW-11-2	2.99
	SW12-2	3.54
	CS3-4	3.11
Excavation D	SW13-2	3.35
	201 (b)	2.17
	SW14-2	2.12
	SW15-2	10.4
	SW16-2	3.67
	SW17-2	1.74
	SW18-0.5	62.7
	SW19-0.5	216
	SW20-0.5	953
	SW21-0.5	1,530
	SW22-0.5	304
	CS4-4	2.94
	CS5-4	3.22
	CS6-1	853
	CS6-3	1.47
	CS7-1	2,930
	CS7-3	5.76

(a) Duplicate of sample CS2-2
(b) Duplicate of Sample SW13-2
Boxed values indicate exceedance of Residential CHHSL and Preliminary Remediation Goal of 150 mg/kg lead.

Table 3
Summary of Backill Sampling Results (mg/kg)
Former Western Lead Facility
4530 Pacific Way
Commerce, CA

	Analysis	Concentration
Metals	Antimony	<0.750
	Arsenic	4.99
	Barium	30.1
	Beryllium	<0.250
	Cadmium	0.748
	Chromium	4 56
	Cobalt	2.12
	Copper	10.2
	Lead	<0.500
	Mercury	<0 020
	Molybdenum	<0.250
	Nickel	5.8
	Selenium	2 35
	Silver	<0.250
	Thallium	<0 750
	Vanadium	8.72
	Zinc	22.1
TPH	C4-C12	<0.20
	C13-C22	<10
	C23-C40	<20
VOCs	Acetone	<0 10
	t-Amyl Methly Ether (TAME)	<0.0020
	Benzene	<0.0010
	Bromobenzene	<0.0050
	Bromochloromethane	<0 0050
	Bromodichloromethane	<0 0010
	Bromoform	<0 0050
	Bromomethane	<0.0050
	t-Butanol (TBA)	<0 020
	2-Butanone (MEK)	<0.010
	n-Butylbenzene	<0.0020
	sec-Butylbenzene	<0 0020
	tert-Butylbenzene	<0.0020
	Carbon Disulfide	<0.010
	Carbon Tetrachloride	<0.0010
	Chlorobenzene	<0 0010
	Chloroethane	<0.0050
	Chloroform	<0.0020
	Chloromethane	<0.0010
	2-Chlorotoluene	<0 0020
	4-Chlorotoluene	<0.0020
	Dibromochloromethane	<0.0020
	1,2-Dibromoethane (EDB)	<0.0020
	1,2-Dibromo-3-Chloropropane	<0.010
	Dibromomethane	<0.0010
	1,2-Dichlorobenzene	<0 0010
	1,3-Dichlorobenzene	<0.0020
	1,4-Dichlorobenzene	<0 0020
	Dichlorodifluoromethane	<0 0050
	1,1-Dichloroethane	<0 0010
	1 2-Dichloroethane	<0.0010
	1,1-Dichloroethene	<0.0050

Table 3
Summary of Backill Sampling Results (mg/kg)
Former Western Lead Facility
4530 Pacific Way
Commerce, CA

	Analysis	Concentration
VOCs (continued)	cis-1,2-Dichloroethene	<0 0020
	trans-1,2-Dichloroethene	<0.0020
	1,2-Dichloropropane	<0.0010
	1,3-Dichloropropane	<0 0010
	2,2-Dichloropropane	<0.0010
	1,1-Dichloropropene	<0 0010
	cis-1,3-Dichloropropene	<0 0010
	trans-1,3-Dichloropropene	<0.0010
	Diisopropyl Ether (DiPE)	<0 0020
	Ethylbenzene	<0.0010
	Ethyl-t-Butyl Ether (EtBE)	<0 0020
	Hexachlorobutadiene	<0.0010
	2-Hexanone	<0 010
	Isopropylbenzene	<0 0010
	4-Isopropyltoluene	<0.0020
	Methene Chloride	<0.050
	4-Methyl-2-Pentanone (MIBK)	<0.010
	Methyl-t-butyl Ether (MtBE)	<0 0020
	Napthalene	<0 0020
	n-Propylbenzene	<0.0010
	Styrene	<0 0010
	1,1,1,2-Tetrachloroethane	<0.0010
	1,1,2,2-Tetrachloroethane	<0 0020
	Tetrachloroethene	<0.0010
	Toluene	<0 0010
	1,2,3-Trichlorobenzene	<0 0020
	1,2,4-Trichlorobenzene	<0.0020
	1,1,1-Trichloroethane	<0.0010
	1,1,2-Trichloroethane	<0.0030
	Trichloroethene	<0 0010
	1,2,3-Trichloropropane	<0.0030
	Trichlorofluoromethane	<0 0010
	Trichlorotrifluoroethane	<0.0050
	1,2,4-Trimethylbenzene	<0.0010
	1,3,5-Trimethylbenzene	<0 0010
	Vinyl Chloride	<0 0020
	m,p-Xylenes	<0 0020
	o-Xylene	<0.0010
SVOCs	Acenaphthene	<0 033
	Acenaphthylene	<0 033
	Anthracene	<0 033
	Benzo(a)anthracene	<0.066
	Benzo(a)pyrene	<0 066
	Benzo(b)fluoranthene	<0 033
	Benzo(g,h,i)perylene	<0.099
	Benzo(k)fluoranthene	<0 066
	bis(2-Chloroethoxy)methane	<0.066
	bis(2-Chloroethyl) ether	<0.066
	bis(2-Chloroisopropyl)ether	<0.099
	bis(2-Ethylhexyl) phthalate	<0.33
	4-Bromophenyl Phenyl Ether	<0 033
	Benzyl Butyl Phthalate	<0 033
	4-Chloro-3-Methylphenol	<0.16

Table 3
Summary of Backill Sampling Results (mg/kg)
Former Western Lead Facility
4530 Pacific Way
Commerce, CA

	Analysis	Concentration
SVOCs (continued)	4-Chloroaniline	<0.16
	2-Chloronaphthalene	<0 033
	2-Chlorophenol	<0.13
	4-Chlorophenol Phenyl Ether	<0.033
	Chrysene	<0.033
	Di-n-Butyl Phthalate	<0.33
	Di-n-Octyl Phthalate	<0.033
	Dibenzo(a,h)anthracene	<0 099
	Dibenzofuran	<0.033
	1,2-Dichlorobenzene	<0 033
	1,3-Dichlorobenzene	<0.033
	1,4-Dichlorobenzene	<0 033
	3,3-Dichlorobenzidine	<0.13
	2,4-Dichlorophenol	<0 16
	Diethyl Phthalate	<0.33
	Dimethyl Phthalate (DEP)	<0.033
	2,4-Dimethylphenol	<0.099
	2-Methyl-4,6-Dinitrophenol	<0.33
	2,4-Dinitrophenol	<1.6
	2,4-Dinitrotoluene	<0 033
	2,6-Dinitrotoluene	<0.099
	Fluoranthene	<0.033
	Fluorene	<0.033
	Hexachlorobenzene	<0 033
	Hexachlorobutadiene	<0.033
	Hexachlorocyclopentadiene	<1.6
	Hexachloroethane	<0 033
	Indeno(1,2,3-c,d)pyrene	<0.13
	Isophorone	<0.033
	2-Methylnapthalene	<0.033
	3,4-Methylphenol(Cresol)	<0.16
	2-Methylphenol(o-Cresol)	<0.16
	Naphthalene	<0 033
	2-Nitroaniline	<0 099
	3-Nitroaniline	<0.099
	4-Nitroaniline	<0.33
	Nitrobenzene	<0.099
	2-Nitrophenol	<0.13
	4-Nitrophenol	<0.33
	n-Nitrosodi-n-Propylamine	<0 033
	n-Nitroso-Diphenylamine	<0.033
	Pentachlorophenol	<1.6
	Phenanthrene	<0.066
	Phenol	<0.13
	Pyrene	<0.033
	1,2,4-Trichlorobenzene	<0 033
	2,4,5-Trichlorophenol	<0 20
	2,4,6-Trichlorophenol	<0.33

Appendix A - Manifests

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

(1)

UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator ID Number: CAC002632205

2 Page 1 of: 1

3. Emergency Response Phone: 951-377-5997

4. Manifest Tracking Number: 003411155 JJK

5 Generator's Name and Mailing Address: RSR CORPORATION
ATT: Homer Hine
2777 STEMMONS FWY #1800
DALLAS, TX 75207

Generator's Site Address (if different than mailing address): 4530 Pacific WAY
Commerce, CA
99004

Generator's Phone: 214 631-6070

6 Transporter 1 Company Name: HOYT Transportation

U.S. EPA ID Number: CAD981425853

7 Transporter 2 Company Name:

U.S. EPA ID Number:

8. Designated Facility Name and Site Address: US ECOLOGY
Hwy 95, 12 miles So. of
Beatty NV. 89003

U.S. EPA ID Number: NVT330010000

Facility's Phone:

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1 RQ Hazardous Waste Solid Nos Class 9, PG III, NA-3077 (Lead)	1	DT	23	T	D008	611	
	2							
	3							
	4							

14 Special Handling Instructions and Additional Information
Gloves and Tarp, ERG 171,
24 hr Contact 951-377-5997
Profile # 07015 3503

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Bob Bealkowski as agent for RSR

Signature:

Month 7 Day 23 Year 08

INT'L

16. International Shipments ☐ Import to U.S ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Robert L. Moore

Signature:

Month 7 Day 23 Year 08

Transporter 2 Printed/Typed Name:

Signature:

Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)

Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: M. Cathcart

Signature:

Month 7 Day 23 Year 08

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

(2)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002632205
2. Page 1 of 1
3. Emergency Response Phone: 951-681-0708
4. Manifest Tracking Number: 003411156 JJK

5. Generator's Name and Mailing Address: RSR Corporation ATT: Hammer Hine 2777 Stemmons Fwy #1800 Dallas TX 95207
Generator's Phone: 214-631-6070
Generator's Site Address (If different than mailing address): 4530 Pacific Way Commerce, CA.

6. Transporter 1 Company Name: Hoyt Transporation Inc
U.S. EPA ID Number: CAD981425853

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: US Ecology Hwy 95, 12 miles So. Beatty NV. 89003
Facility's Phone: 775-553-2203
U.S. EPA ID Number: NVT330010000

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	RQ Hazardous Waste Solid, Nos Class 9, PG III NA-3077 (Lead)	1	DT	23	T	D008	G11	
	2							
	3.							
	4							

14. Special Handling Instructions and Additional Information
Gloves + Tarp, ERG-171
24 hr Contact 951-377-5997
Profile 070153 503

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Bob Beelkowski as agent for RSR
Signature: [signature]
Month 07 Day 25 Year 08

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ken Robertson
Signature: [signature]
Month 07 Day 25 Year 08
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jeremy
Signature: [signature]
Month 7 Day 25 Year 08

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

(3)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002632205
2. Page 1 of: 1
3. Emergency Response Phone: 951-377-5997
4. Manifest Tracking Number: 003411157 JJK

5. Generator's Name and Mailing Address: RSR Corporation ATT Hemmer Ave 2777 Stemmons Fwy #1800 Dallas, TX 75207
Generator's Site Address (if different than mailing address): 4530 Pacific Way Commerce, CA
Generator's Phone: 814 631-6070

6. Transporter 1 Company Name: Hoyt Transporation
U.S. EPA ID Number: CAD981425853

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: US Ecology Hwy 95, 12 miles So. Beatty NV 89003
U.S. EPA ID Number: NVT330010000
Facility's Phone: 775-553-2203

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1 RQ Hazardous Waste Solid, NOS Class 9, PG III, NA-3077 (Lead)	1	DT	23	T	D008	611	
	2							
	3							
	4							

14. Special Handling Instructions and Additional Information
Gloves + Tarp, ERG-171
24-hr Contact 951-377-5997
Profile 07015350 3

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Bob Bialkowski as agent for RSR
Signature: R Bialkowski
Month 07 Day 25 Year 08

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: DAN YOUNGBLOOD
Signature: Dan Youngblood
Month 07 Day 25 Year 08
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jeremy G.
Signature:
Month 7 Day 25 Year 08

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

UP 99917 TR # 2001 TRL 4FW 82336

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002632205
2. Page 1 of 1
3. Emergency Response Phone: 951-377-5997
4. Manifest Tracking Number: 003411161 JJK

5. Generator's Name and Mailing Address: RSR Corporation Att Homer Aine 2777 Stemmons Fwy #1800 Dallas TX 75207
Generator's Site Address (if different than mailing address): 4530 Pacific Way Commerce, CA - 90004
Generator's Phone: 214-631-6070

6. Transporter 1 Company Name: ZEPEDA BROTHERS TR — U.S. EPA ID Number: CAR000184143

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: US Ecology Hwy 95, 12 miles So. Beatty NV 89003 — U.S. EPA ID Number: NVT330010000
Facility's Phone: 775-553-2203

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1 RQ Hazardous Waste Solid NOS Class 9, PG III NA-3077 (Lead	2	DT	23	T	D008 611
	2					
	3					
	4					

14. Special Handling Instructions and Additional Information
Gloves + Tape ERG 171
24 hr Contact 951-377-5997

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: IGNACIO GONZALEZ BB — Signature: Bob Balkowski, as agent BB — Month 07 Day 25 Year 08

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: IGNACIO GONZALEZ — Signature: NACHO — Month 7 Day 25 Year 08
Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jeremy G. — Signature — Month 7 Day 25 Year 08

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

(4)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002632205
2. Page 1 of: 1
3. Emergency Response Phone: 951-357-5997
4. Manifest Tracking Number: 003411160 JJK

5. Generator's Name and Mailing Address: RSR Corporation, 2777 Stemmons Fwy #1800, Dallas TX 75207, ATT Hammer Hme.
Generator's Site Address (if different than mailing address): 4530 Doral Way, Commerce CA. 90004
Generator's Phone: 214-631-6070

6. Transporter 1 Company Name: S&V TRUCKING — U.S. EPA ID Number: CAR000187831

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: US Ecology, Hwy 95, 12 miles So., Beatty NV. 89003 — U.S. EPA ID Number: NVT 330010000
Facility's Phone: 775-553-2203

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	RQ Hazardous Waste Solid NOS, Class 9, PG III NA-3077 (lead)	1	DT	23	T	D008 G1
	2					
	3.					
	4					

14. Special Handling Instructions and Additional Information
Gloves, Tarp, ERG 171
24 hr Contact 951-681-0708

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Bob Beckowski, as agent for RSR — Signature: [signature] — Month 07 Day 25 Year 08

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: SERGIO. BUENROSTRO — Signature: [signature] — Month 07 Day 25 Year 08
Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Weight Received 27.04T 07-25-08 — OK per Asa Crosby 07-25-08
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Misty Venerio — Signature: [signature] — Month 07 Day 25 Year 08

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete — DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

UP57996-truck 25 (5)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002632205
2. Page 1 of 1
3. Emergency Response Phone: 951-377-5997
4. Manifest Tracking Number: 003411159 JJK

5. Generator's Name and Mailing Address: RSR Corporation, ATT Hammer Hine, 2777 Stemmons Fwy #1800, Dallas TX 75207
Generator's Site Address (if different than mailing address): 4530 Pacific Way, Commerce, CA 90040
Generator's Phone: 214 631-6070

6. Transporter 1 Company Name: Zepeda Brother — U.S. EPA ID Number: CAR000184143

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: US Ecology, Hwy 95, 12 miles So., Beatty Nv. 89003 — U.S. EPA ID Number: NVT330010000
Facility's Phone: 775-553-2203

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1 RQ Hazardous Waste Solid NOS Class 9, PG III NA-3077 (Lead)	1	DT	23	T	D008	611	
	2							
	3							
	4							

14. Special Handling Instructions and Additional Information
Gloves + Tarp ERG 171
24 hr Contact 951-681-0708

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Bob Beatkowski as agent for RSR — Signature: [signature] — Month 07 Day 25 Year 08

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Saul Ochoa — Signature: Saul Ochoa — Month 7 Day 25 Year 08
Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Weight Received 20ST m 07-25-07 OK per Asa Crosby 07-25-08 m
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Misty Menezio — Signature: [signature] — Month 07 Day 25 Year 08

GENERATOR | INTL | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete — DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

7

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002632205
2. Page 1 of: 1
3. Emergency Response Phone: 951-377-5997
4. Manifest Tracking Number: 003411162 JJK

5. Generator's Name and Mailing Address: RSR Corporation, 2777 Stemmons Fwy #1800, Dallas TX 75207, DTT Hammer Lane
Generator's Site Address (if different than mailing address): 4530 Pacific Way, Commerce, CA 90004
Generator's Phone: 214-631-6070

6. Transporter 1 Company Name: J & I TRUCKING #3
U.S. EPA ID Number: CAD 981418577

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: US Ecology, Hwy 95, 12 Miles, Beatty NV. 89003
U.S. EPA ID Number: NVT 33001000
Facility's Phone: 775-553-2203

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1 RQ Hazardous Waste Solid NOS Class 9, PG III NA-3077 (lead)	1	DT	23	T	D008 611
	2					
	3					
	4					

14. Special Handling Instructions and Additional Information
Gloves, Tarp ERG 171
24 hr Contact 951-377-5997

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Bob Beckowski as agent for RSR
Signature: [signature]
Month 07 Day 25 Year 08

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: EDUARDO CARDENAS
Signature: Eduardo Cardenas
Month 07 Day 25 Year 08
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jeremy G.
Signature: [signature]
Month 7 Day 25 Year 08

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

(8)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002632205
2. Page 1 of: 1
3. Emergency Response Phone: 951-372-5997
4. Manifest Tracking Number: 003411163 JJK

5. Generator's Name and Mailing Address: RSR Corporation, 2777 Stemmons Fwy #1800, Dallas, TX 75207, ATT Homner Hines
Generator's Site Address (if different than mailing address): 4530 Pacific Way, Commerce, CA 90004
Generator's Phone: 214-631-6070

6. Transporter 1 Company Name: ROBERTO M. TKGW.
U.S. EPA ID Number: CAL000206487

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: US ECOLOGY, Hwy 95, 12 miles So., Beatty NV. 89003
U.S. EPA ID Number: NVT 330010000
Facility's Phone: 775-553-2203

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1 RQ Hazardous Waste Solid NOS Class 9, PG III NA-3077 (Lead)	1	DT	23	T	D008	L11	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Gloves, Tarp, ERG 171
24 hr Contact 951-372-5997

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Bob Bollowski as agent for RSR
Signature: [signature]
Month 07 Day 25 Year 08

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: ROBERTO MANRIQUE
Signature: Roberto M. Manrique
Month 07 Day 25 Year 08
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Misty Venezio
Signature: [signature]
Month 07 Day 25 Year 08

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

(9)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002632205
2. Page 1 of: 1
3. Emergency Response Phone: 951-377-5997
4. Manifest Tracking Number: 003411164 JJK

5. Generator's Name and Mailing Address: RSR Corporation
ATT Hammer Hine 2777 Stemmons Fwy #1800
Dallas TX 75207
Generator's Phone: 214-631-6070

Generator's Site Address (if different than mailing address): 4530 Pacific Way
Commerce CA. 90604

6. Transporter 1 Company Name: MARtinez Trucking
U.S. EPA ID Number: CBR000129841

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: US Ecology
Hwy 95, 12 miles So.
Beatty NV. 89003
Facility's Phone: 775-553-2203
U.S. EPA ID Number: NVT330010000

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. RQ Hazardous Waste Solid NOS Class 9, PG III NA-3077 (Lead)	1	DT	20 ~~23~~	T	D008	G4	
	2							
	3							
	4							

14. Special Handling Instructions and Additional Information
Gloves, Tarp, ERG 171
24 hr Contact 951-377-5997

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Bob Bealkowski, as agent for RSR
Signature: Bob Bealkowski
Month Day Year: 07 25 08

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jesus Martinez
Signature:
Month Day Year: 07 25 08
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year:

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Jeremy C.
Signature:
Month Day Year: 7 25 08

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Appendix B – Daily Field Logs

DATE

"Rite in the Rain"®

ALL-WEATHER WRITING PAPER

Name Lorena Benitez
WSD Environment

Address 2025 Gateway Place, Suite 435
San Jose, CA 95110

Phone 408-453-6100

Project 4530 E. Pacific Way
Commerce, CA

Project #: 218259-3

"Rite in the Rain" - A unique All-Weather Writing paper created to shed water and enhance the written image. It is widely used throughout the world for recording critical field data in all kinds of weather.

Available in a variety of standard and custom printed case-bound field books, loose leaf sheets, spiral and stapled notebooks, multi-copy sets and copier paper

For best results, use a pencil or an all-weather pen.

a product of

J. L. DARLING CORPORATION
Tacoma, WA 98424-1017 USA
(253) 922-5000 • FAX (253) 922-5300
www.RiteintheRain.com

6:45 Arrive @ site

Tailgate meeting 7/14/08, 10AM
Saw cutting 10:15AM

7/14/08, sunny, 80°F, wind SE

Equipment:

1 Sound level meter CEL-254
2 MIE pDR-1000AN

Field Personnel:

Chris, Chris, Bill, Asa, Bob, Lorena
- A & J Environmental Services Inc.
- WSP Environment & Energy

Site:

4530 E. Pacific Way
Commerce, CA

7/14/08

6:45 Arrive @ site
set-up CRZ, Exclusion Zones, WZ
calibrate equipment, set-up equipment
10:00 Tailgate meeting, discuss health & safety project plan. HASP signed by everyone.
10:15 saw cutting, recommended ear plugs
Sound readings 85-100 dBA. Level D
10:30 Start taking air monitoring readings.
Vacuuming water, water being contained
12:05 saw cutting complete. set-up for excavation. ~~Level C~~ Put away saw cutting equipment. Decon from saw cutting (scrub boots, wash hands, etc.)
Put on level C PPE. Set up plastic sheeting.
12:30 Start excavation. 85-90 dBA.
12:45 Respirators removed. Continue work in Level D PPE.

* Level D PPE includes tyvek.
* Dust monitoring equipment set-up upwind and downwind. Noise monitoring equipment in work zone. Dust monitoring readings taken in work zone also (not TWA). Background concentration taken during set-up, prior to field activities.

Table 1

7/14/08 Dust Monitoring (15-min TWA)

Background Concentration = 0.055 mg/m³

	upwind	downwind	work zone
10:30	0.071/0.021	0.019/0.017	0.084
10:45	0.079/0.048	0.021/0.036	0.104
11:00	0.079/0.068	0.028/0.004	0.092
11:15	0.076/0.037	0.035/0.078	0.073
11:30	0.075/0.043	0.035/0.000	0.021
11:45	0.074/0.044	0.059/0.006	0.001
12:00	0.073/0.109	0.063/0.031	0.042
12:30	0.070/0.054	0.05/0.424	0.217
12:35	0.070/0.046	0.068/0.875	0.757
12:40	0.070/0.052	0.071/0.053	0.048
		switch	
12:45	0.093/0.301	0.072/0.361	0.344
13:00	0.102/0.045	0.087/0.647	0.507
13:45	0.097/0.032	0.116/0.367	0.265
14:00	0.099/0.054	0.125/0.175	0.029
14:15	0.100/0.910	0.128/0.031	0.000
14:30	0.100/0.076	0.129/0.061	0.122
15:00	0.098/0.678	0.134/0.146	0.404
	TWA/Conc	TWA/Conc	Conc

* all readings in mg/m³

Table 1 (cont.)

7/14/08 Dust Monitoring Continued

	Upwind	Downwind	Work Zone
15:15	0.134/0.225	0.099/0.312	0.097
	switch		
15:30	0.100/0.471	0.142/0.251	0.366
15:45	0.139/0.321	0.144/0.168	0.857
16:00	—	0.142/0.311	0.346
16:15	—	0.140/0.142	0.225
16:45	—	0.138/0.000	0.165
17:00	0.136/0.182	0.135/0.075	0.175
17:15	0.135/0.169	0.132/0.000	0.137
	TWA/Conc	TWA/conc	Conc

* all readings in mg/m^3

7/14/08

13:05 Decon. Break for lunch.
13:35 Resume excavation w/ Level D.
14:30 Excavation #1 complete. Continue on Excavation #2.
14:48 Samples SW1-0.5' 14:48
SW2-0.5' 14:49
SW3-0.5' 14:50
SW4-0.5' 14:51
CS1-1' 14:52
CS1-1' MS/MSD, No time
14:53 Samples completed for Excavation #1.
16:20 Excavation #3 complete. Continue on E#2.
16:30 Samples SW9-2' 16:34
SW10-2' 16:35
SW11-2' 16:36
SW12-2' 16:37
CS3-4' 16:38
16:40 Samples completed for Excavation #3.
75-81dBA.
17:30 Samples SW5-1' 17:30
SW6-1' 17:31
SW7-1' 17:32
SW-8-1' 17:34
CS2-2' 17:35

1750 Collect SB1 composite 10 locations at stockpile

200, duplicate of CS2-2'

* All samples collected in Level D. Gloves changed between samples and clean spoon.

17:40 Samples collected for Excavation #2.
17:50 Excavations, field work complete for the day. Decon.
18:00 Give samples to Chris. Chris to Centrum.
18:05 Leave site.

7/15/08, Sunny 80°F, wind SE

Equipment:

1 Sound Level Meter CEL-254
1 MIE pDR-1000AN

Field Personnel:

Chris, Chris, Bill, Asa, Bob, Lorena
- A & J Environmental Services Inc.
- WSP Environment & Energy

Site:

4530 E. Pacific Way
Commerce, CA

7/15/08 Page 1 of 2

7:00 Arrive @ site.

7:05 Tailgate meeting. Discuss health & safety.

7:10 Cover Excavations #1-3 with plastic cone off and caution tape. (Stock pile covered in plastic 7/14/08) Level D.

7:30 Calibrate meters, set-up upwind and downwind.

7:35 Start hand digging Excavation #4 located on east side of building. Soil wheel barreled to Deere Equipment. Transported to stockpile located near Excavations #1-3. Periodic breaks for workers. Workers enter CRZ before breaks.

13:20 Decon. Break for lunch.

13:50 Continue excavation w/ Level D PPE.

15:56 Samples:

SW13-2 (201-duplicate) 15:56
SW14-2 15:57
SW15-2 15:58
SW16-2 15:59
SW17-2 16:00

* Contimation Reduction Zone set-up at 6:45.

* All samples collected in Level D. Gloves changed between samples and clean spoon used each time. Locations marked w/ flag.

7/13/08 Table 1

Dust Monitoring

Background Concentrations = 0.096 mg/m³

	upwind	downwind	work zone
7:45	0.227/0.303	0.124/0.000	0.064
8:00	0.254/0.126	0.238/0.645	0.542
8:15	0.226/0.046	0.206/0.000	0.426
8:30	0.194/0.142	0.171/0.027	0.340
8:45	0.15/0.000	0.287/0.426	0.083
9:00	0.131/0.000	0.171/0.091	0.000
9:20	0.112/0.728	0.159/0.123	0.383
9:40	0.177/0.000	0.153/0.095	0.054
10:00	0.186/1.754	0.153/0.060	0.090
10:20	0.170/0.091	0.147/0.044	0.868
10:40	0.154/0.000	0.143/0.042	0.141
11:00	0.147/0.000	0.136/0.052	0.287
11:20	0.131/0.000	0.130/0.032	0.095
11:40	0.121/0.000	0.125/0.123	0.013
12:00	* ———	0.121/0.089	0.153
12:20	———	0.118/0.076	0.787
12:40	———	0.117/0.023	0.483
13:00	———	0.113/0.048	0.237
	TWA/conc	TWA/conc	conc

* upwind monitor placed in breathing zone.

all readings in mg/m³. To much ~~foot~~ ~~tra~~ machine traffic to upwind location.

7/15/08 Table 1 (cont.)

Dust Monitoring

	Upwind	downwind	workzone
14:00	—	0.101/0.042	0.044
14:20	—	0.101/0.041	0.080
14:40	—	0.100/0.046	0.000
15:00	—	0.099/0.032	0.472
15:40	—	0.094/0.024	0.000
16:00	—	0.092/0.052	0.390
		TWA/Conc	Conc

7/15/08 Page 2 of 2

~~5:00~~ CS 4-4 16:01
CS5-4 16:02

16:05 Samples completed for the 4-feet deep portion of Excavation #4.

for 20 linear feet

Kirk (centrum) Picked up lab samples.

16:10 Put away tools, machinery, closed off excavation w/gate. Remove ppe and decon.

16:30 Awaiting lab results.

16:50 Leave site

* All samples collected in Level D. Gloves changed between samples and clean spoon used each time. Sample locations marked w/a flag.

7/16/08 Page 1 of 2

6:00 Arrive @ site
6:05 Tailgate meeting. Discuss Health & Safety.
6:10 Calibrate meters, set-up in ~~work zone~~ upwind and downwind.

Sunny, 80°F, wind SE
Equipment:
1 sound level meter CEL-254
2 MIE pDR-1000AN
Field Personnel:
Chris, chris, Bill, Bob, Lorena, Asa
• A&J Environmental Services Inc
• WSP Environment & Energy
Site: 4350 E. Pacific Way
Commerce, CA

* A&J onsite @ 6AM, set-up decon (CRZ), set-up for excavation. Continue excavating excavation #4. by hand (Shovels, wheel barrel and Bob cat).

~~7:30~~
12:20 samples: SW-18 ~~-0.5~~ -2 0.5 12:20
SW-19 ~~-0.5~~ -2 0.5 12:21
SW-20 -0.5 12:23

* All samples collected in Level D. Gloves changed between samples and clean spoon used each time. Sample locations marked w/flag.

7/16/08 Table 1

Dust Monitoring

Background Conc = 0.042 mg/M³

	Upwind	downwind	Work Zone
7:30	0.001/0.206	~~0.001/0.200~~	0.232
		0.000/0.032	
7:45	0.106/0.205	0.153/0.049	0.092
8:00	0.034/0.200	0.023/0.045	0.174
8:15	0.043/0.286	0.154/0.048	0.443
8:30	0.129/0.283	0.123/0.048	0.309
8:45	0.051/0.335	0.169/0.079	0.720
9:00	0.132/0.316	0.107/0.072	0.129
9:15	0.110/0.342	0.046/0.070	0.248
9:30	0.032/0.294	0.039/0.070	0.037
9:45	0.100/0.296	0.075/0.071	0.134
10:00	0.087/0.107	0.148/0.074	0.113
10:15	0.043/0.100	0.101/0.053	0.126
10:30	0.097/0.117	0.099/0.052	0.342
10:45	0.062/0.117	0.057/0.064	0.058
11:00	0.043/0.100	0.068/0.063	0.232
11:15	0.057/0.093	0.060/0.079	0.093
11:30	0.070/0.087	0.044/0.070	0.117
11:45	0.129/0.090	0.020/0.051	0.153
	Conc/TWA	Conc/TWA	Conc

7/16/08 Table 1 (cont.)

Dust Monitoring

	Upwind	Downwind	Work zone
13:15	0.073/0.020	0.099/0.240	0.747
13:30	0.092/0.100	0.152/0.065	0.169
13:45	0.034/0.082	0.000/0.154	0.239
14:00	0.071/0.090	0.120/0.186	0.142
	Conc/TWA	Conc/TWA	Conc

7/16/08

	SW-21-0.5	12:24
	SW-22-0.5	12:25
	CS7-1	12:26
12:20	CS6-1	12:22

~~12:30~~ Samples completed for Excavation #4. Excavation complete for Excavation #4, locked up excavation removed tools and equipment. Set-up for Excavation #1. (Need to continue E#1 on eastern wall, ~~Continue 5 feet~~ expand Excavation #1 5 feet to the East) Set-up CRZ near E#1. Remove PPE and decon.

12:30 Lunch

13:00 Start second phase of excavation #1.

13:36 Sample SW2a-0.5, 13:36 collected from expansion of E#1.

13:40 Continue E#1 and Stockpiling. Finish excavation #1. Cover stockpile and excavation w/plastic.

14:00 Site Activities complete for day.

~~14:00~~ Leave site.

14:25 Arrive @ hotel.

* All samples collected in Level D. Gloves changed between samples and a clean spoon used each time. Sample locations marked w/flag.

7/17/08 Page 1 of 2

6:00 A & J Arrive @ site. Set-up equipment. 2 truckloads of aggregate base dropped off. Begin backfill. Lay down a foot of base rock, compact and water. Repeat.

Sunny, 78°F, ~~no wind~~ wind SE
Field Personnel:
Chris, Chris, Bill, Bob, Lorena, Asa
Site: 4350 E. Pacific Way, Commerce, CA

7:00 WSP onsite. A & J continue backfill.
8:00 Finished backfilling ~~to~~ 2 truck loads. Wait for next truck loads.
9:00 Bob & Asa bring compactor to site. Compactor used to compact backfill and backhoe used to spread out backfill evenly.
9:15 3rd truck load arrives. Continue back-filling w/ Bob Cat and backhoe, compact and water
11:30 4th truck load arrives. Continue backfill.
12:15 5th truck load arrive. Continue backfill.

Centrum 1-800-798-9336 SP-1 Stockpile

Total, STLC, TCLP
MS/MSD

7/17/08

12:20 Lunch (decon before eating)
12:50 Continue backfill.
14:00 6th Truck load arrives. Continue backfill.
14:20 Excavations #1-3 almost complete. Awaiting analytical results for E#1. Transfer backfill to Excavation #4 with backhoe, wheel barrels and shovels.
16:10 Clean-up, put equipment away, decon
16:15 WSP offsite
16:30 A & J offsite.

~~Discussed~~
Because all locations except 2 were below res. level of 150 mg/kg and discussions w/ John Mueller we are modifying RAW in attempt to achieve Residential cleanup goals (150 mg/kg). SW-3-0.5' and SW-5-1' were above the residential level (cleanup goal) of 150 mg/kg. These areas will be expanded 5-feet and sampled and analyzed for lead.

7/18/08

6:00 A&J onsite. Saw cut expanded area of Excavation #1 where ~~SW2-0.5 = 10,500 mg/kg lead~~ and SW3-0.5 = 745 mg/kg lead. Both above residential cleanup level of 180 mg/kg lead. Also, saw cut Excavation #2 where SW5-1 = 367 mg/kg lead. Both areas will be expanded out five feet and samples ~~SW2a-0.5~~, SW3a-0.5, and SW5a-1 will be collected.

already collected and analyzed

8:00 WSP onsite.

8:00 Sample:

CS7-3, 8:02

CS6-3, 8:03

Samples collected from Excavation #4. The 1-foot deep area was potholed to 3-feet to sample CS7-3 and CS6-3.

8:15 Continue excavating, expand areas where SW3-0.5 = 745 mg/kg lead and SW5-1 = 367, also cleanup area where SW2a-0.5 was taken.

9:45 Sample: SW3a-0.5 9:48

SW5a-1 9:49

* Meters calibrated and set-up for excavation work

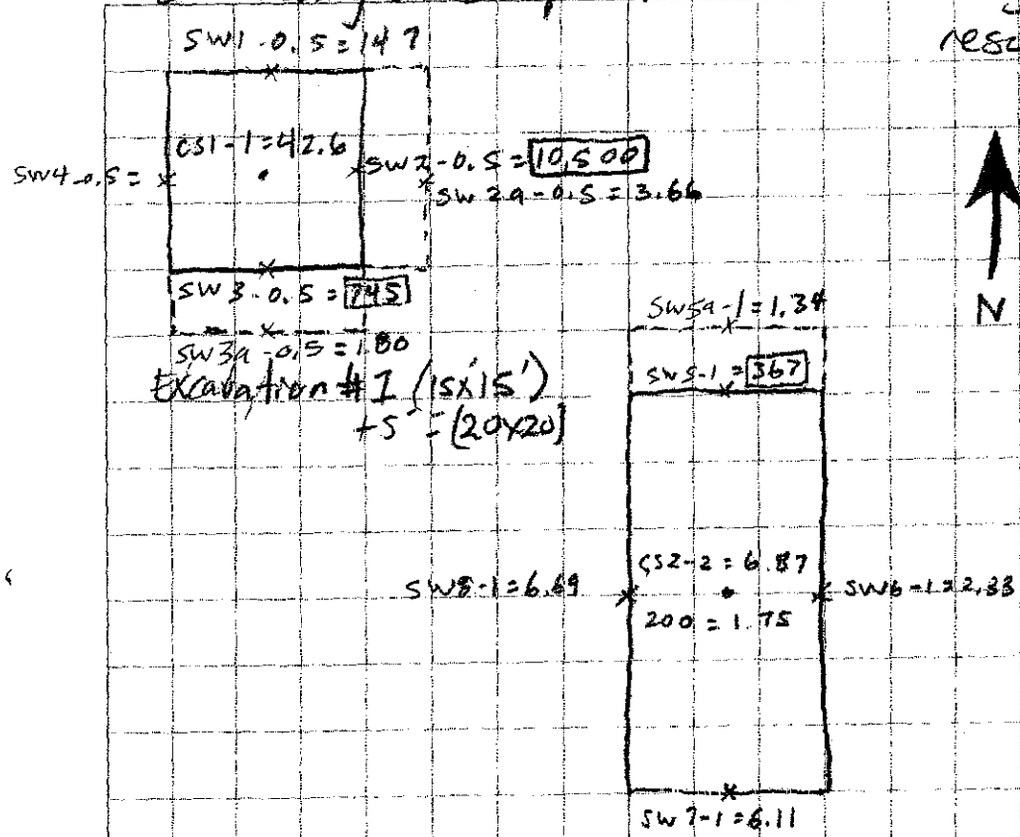
* All samples collected in Level D. Gloves changed between samples, and clean spoon used each time. Sample locations marked w/flag.

10:00 Kirk from Microbac picked up samples. A & J continue ~~backfilling the 4-foot portion of Excavation #4.~~ Excavating the 1-foot portion of E#4 to 3-feet deep. Meters removed and placed in worker zone (E#4), upwind, and downwind. Decon area set-up.

12:00 Clean up, put equipment away, lock site up, and decon.

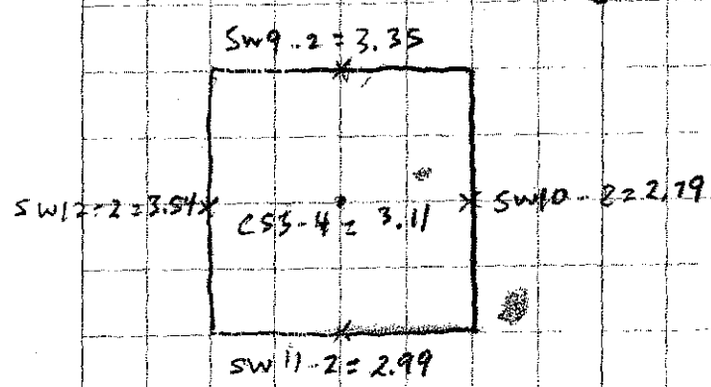
13:00 Leave site.

Summary of sample locations and analytical results.



Excavation #1 (15'x15') +5' = (20'x20')

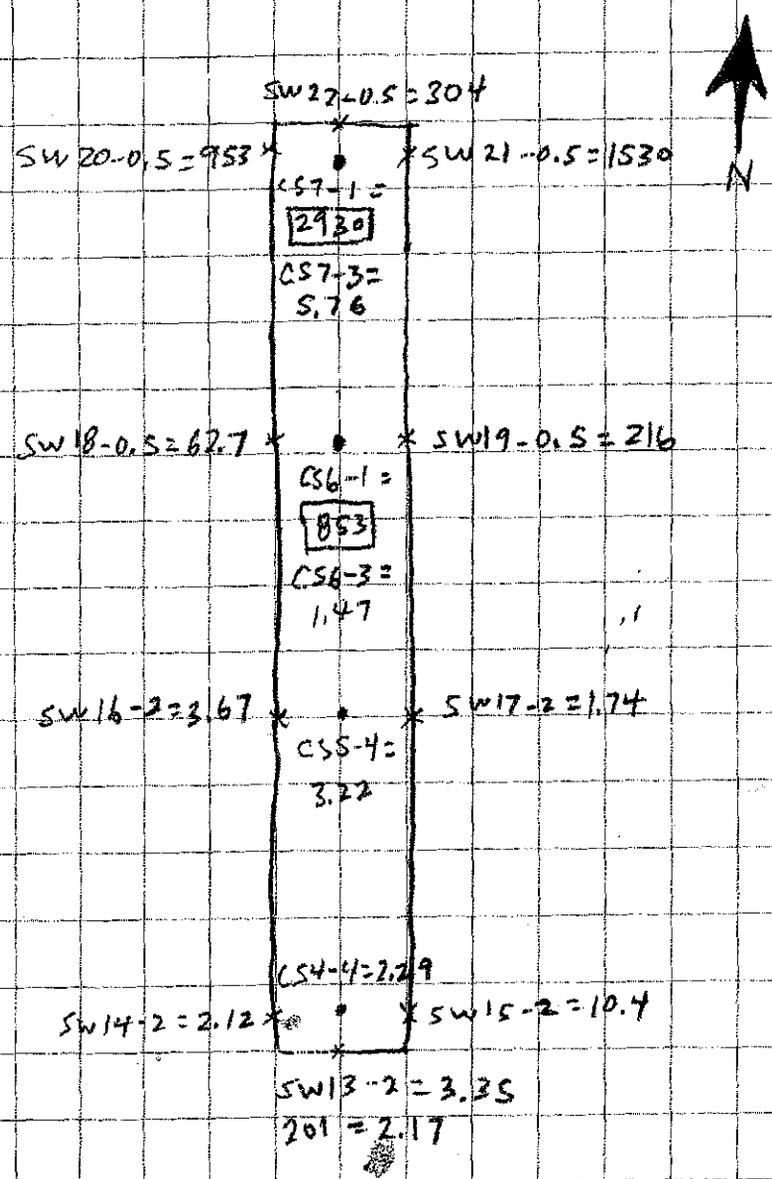
Excavation #2 (15'x30') +5' = 35'



Excavation #3 (20'x20')

* All results are in mg/kg of lead.

Summary of sample locations and Analytical Results



Excavation #4

* All results are in mg/kg of lead.

Summary of Analytical Results
Stockpile and Backfill

Stockpile

SP-1 Lead = 6940 mg/kg
STLC =
TCLP =

Backfill

BF-1 TPH = ND
VOC = ND
SVOC = ND
metals = PASS

Pass

7/18/08 Table 1

Dust Monitoring

Background Level = 0.150 mg/m³

	downwind	upwind	work zone
8:30	0.142	0.043	0.154
8:45	0.123	0.038	0.119
9:00	0.154	0.165	0.130
9:15	0.101	0.172	0.003
9:30	0.087	0.157	0.026
10:15	0.049	0.100	0.302
10:30	0.058	0.094	0.256
10:45	0.024	0.067	0.131
11:00	0.132	0.155	0.000
11:15	0.139	0.147	0.080
11:30	0.141	0.140	0.058
11:45	0.133	0.134	0.067
12:00	0.151	0.143	0.039
12:15	0.137	0.125	0.066

Asu, Bill, Chris, Jr. Bas
Lovera

7/21/08

6:00 Arrive on site. Set up decon. Suit up in Level D. Continue Excavation #4. The 1-foot portion excavated to 3-foot.

9:00 Clean up area near excavation #4. Put away equipment and restrict access to E #4, decon.

9:30 Results received. CS7-3, CS6-3, SW3a-0.5, and SW5a-1 all below residential clean up level of 180 mg/kg lead. Backfill excavations #1 to 3. Compact and water 1-Foot lifts.

Field Environmental 800-393-4009
Pine Environmental 800-301-9663
James ext. 220

301 Brushton Avenue, Suite A
Pittsburg, PA 15221

Windsor Industrial Park
92 N. Main St. Bldg. 20
Windsor, NJ 08561

7/21/08 2 PB

1200 Asphalt Co. arrives preps:
Sides & bottom!
12:50 asphalt area 1, 2, 3 w/ 6" AC
Set up profile w/ US Ecology.
1400 Put down A CAX
1700 A/C complete de mob AC crew

have to wait 1-day before shipping
1st test mix load to U.S. Ecology.
Can only send 1 truck to U.S. Ecology
on Wednesday.
Provided TCLP, STLC & TTLC data &
RSR approval letter to U.S. Ecology
waste is D008 / 611.
RQ Hazwaste
(RCRA-Haz)

'93

7/21/08 Table 1 3 of 3

Dust Monitoring

Background Conc. = 0.033 mg/m³

	Upwind	Downwind	Workzone
6:15	0.078	0.043	0.303
6:30	0.034	0.049	0.124
6:45	0.029	0.062	0.346
7:00	0.097	0.012	0.154
7:15	0.015	0.074	0.443
7:30	0.113	0.040	0.173
7:45	0.205	0.301	0.091
8:00	0.015	0.113	0.086
8:15	0.032	0.070	0.235
8:30	0.129	0.017	0.083
8:45	0.227	0.091	0.143
9:00	0.095	0.151	0.251

Slipping

1.

'sy

d

Chris, Chris, Bill, Bob

7-22-08

0600 continue hand backfilling east area
& compaction w/ whacker of ~~Bas~~ class II
AB.
No H_2S air monitoring required.
(finished excavating i.e. all clean)

7-23-08 clear warm 75°F

Asu, Bill, Chris, Chris, Bob

0530 Bob on site
0600 At Jd & Hayt Trucking 1 truck
prep loading 1 truck.
Hdl tailgate meeting.

	downwind	upwind	workzone
0630	.138	.120	.112
0645	.122	.138	.089
0700	.033	.088	.098
0715	.034	.084	.062

~~0730~~

0730 Tarp truck, placard, sign manifest & provide LOR

0800 ~~Spread remaining SuDHM class II & make small pile on SW corner of Cabot lot.~~

10:30 Job done

7-24-08

Down day waiting for Truck
on Friday 7-25-08 @ 4 am.

FedEx track # for Pine meters
8665 6071 5051

7-25-08

0400 onsite (Asa, Chris, chris, Bill, Bob)
Tail gate meeting,
Begin to load trucks w/ spoils &
monitor w/ LDRs for each truck.

0400 Perform Air monitoring

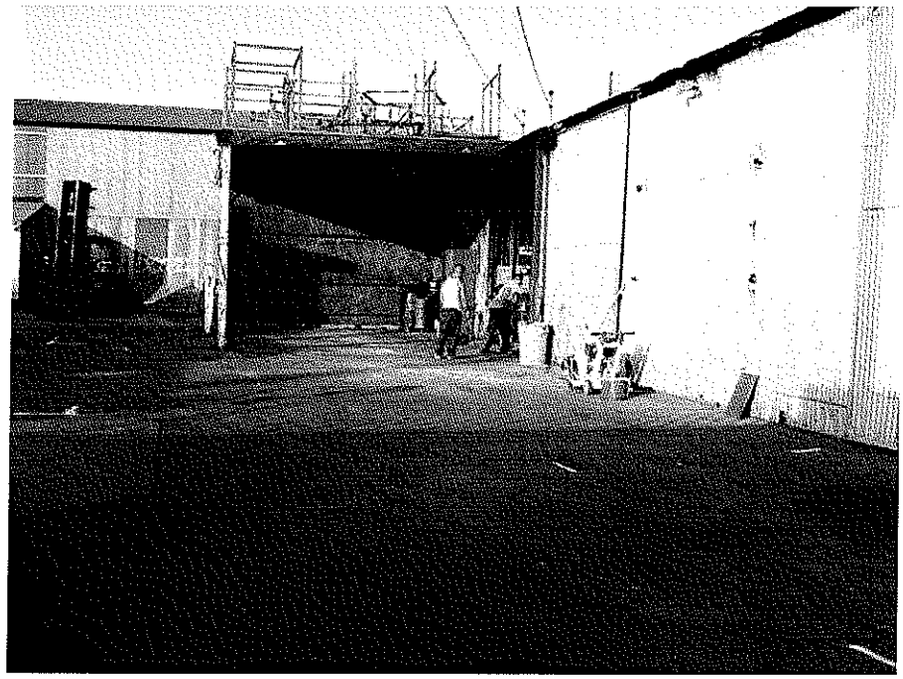
	down wind	upwind	workzone
0400		0.185	0.195
415	0.062	0.190	0.104
430	0.065	0.210	0.113
445	0.178	0.191	0.143
500	0	0.171	0.153
515	0.181	0.166	0.163
530	0.182	0.167	0.178
545	0.179	0.170	0.181
600	0.163	0.170	0.104
700	0.174	0.190	0.111
800	0.182	0.195	0.113
			0.109
			0.104

0400 Load trucks 2 hours. Total
8 trucks.

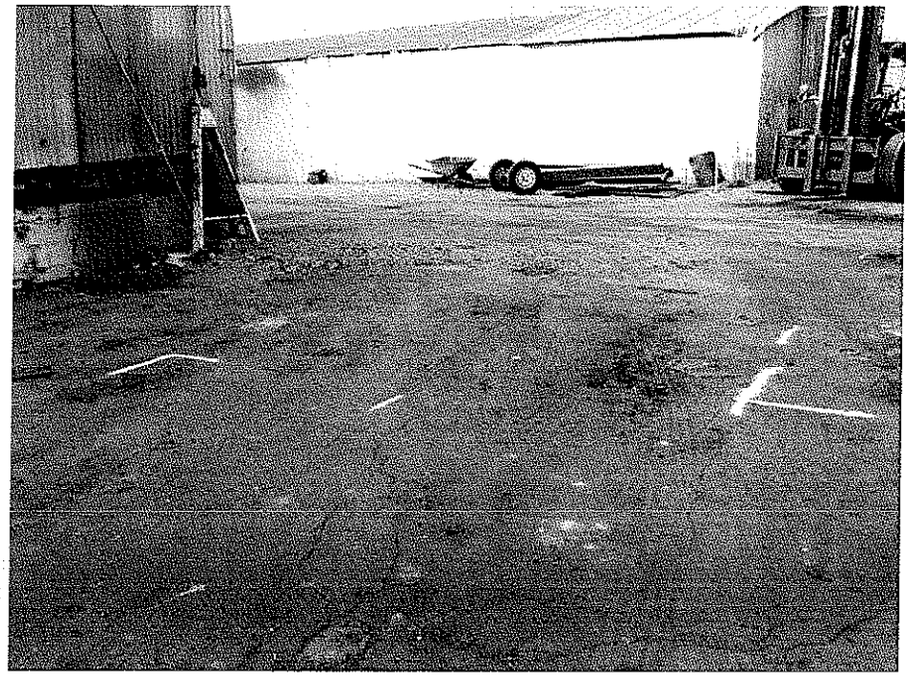
0830 move in typ. of leftover
base rock off street onto
actual property

0930 demob

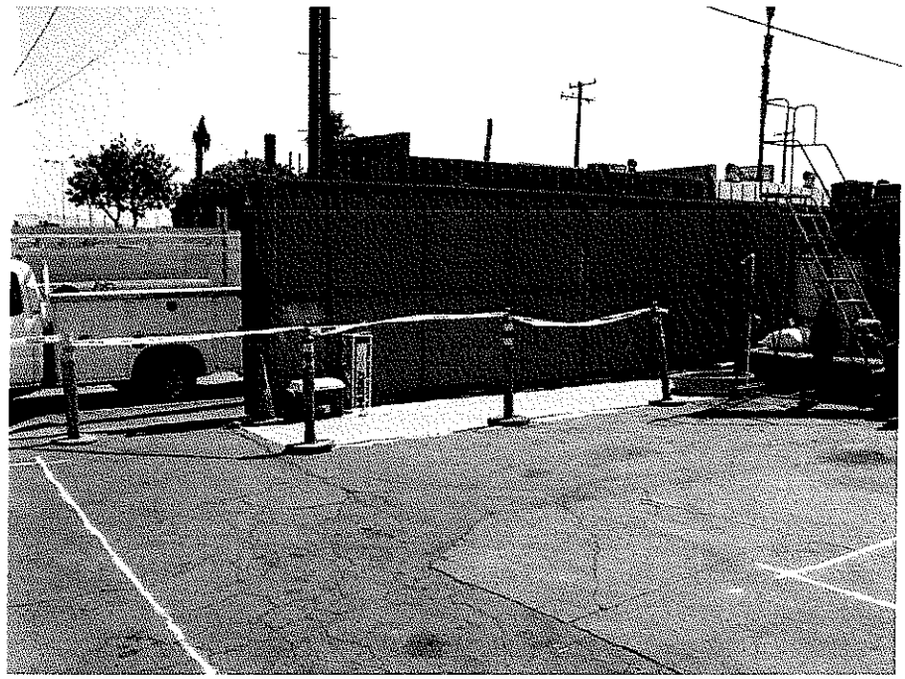
Appendix C - Photographs



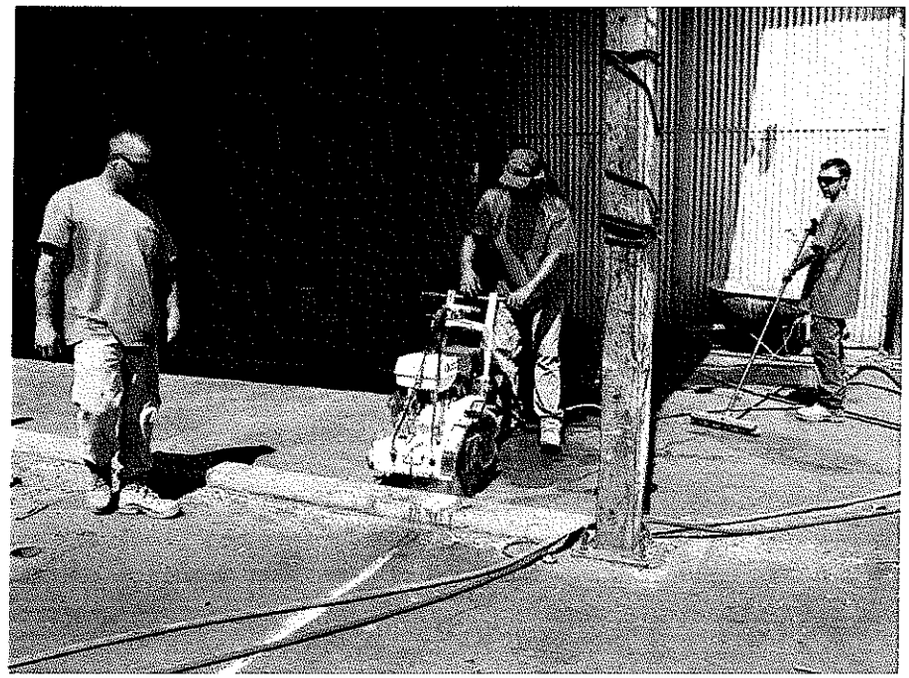
Photograph 1: Excavation perimeters marked



Photograph 2: Excavation perimeters marked

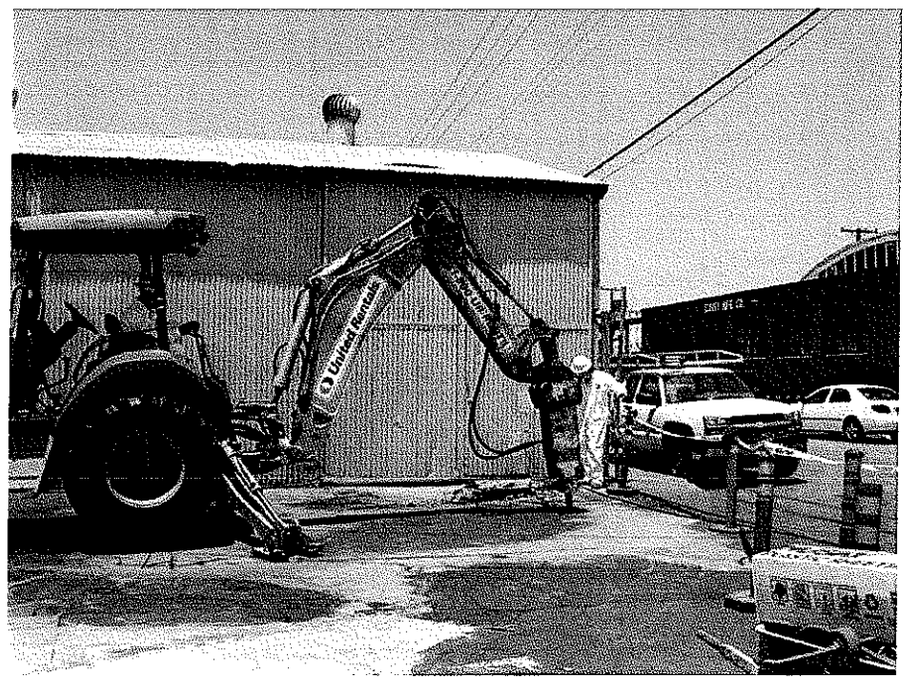


Photograph 3: Contaminant reduction zone with shower station.

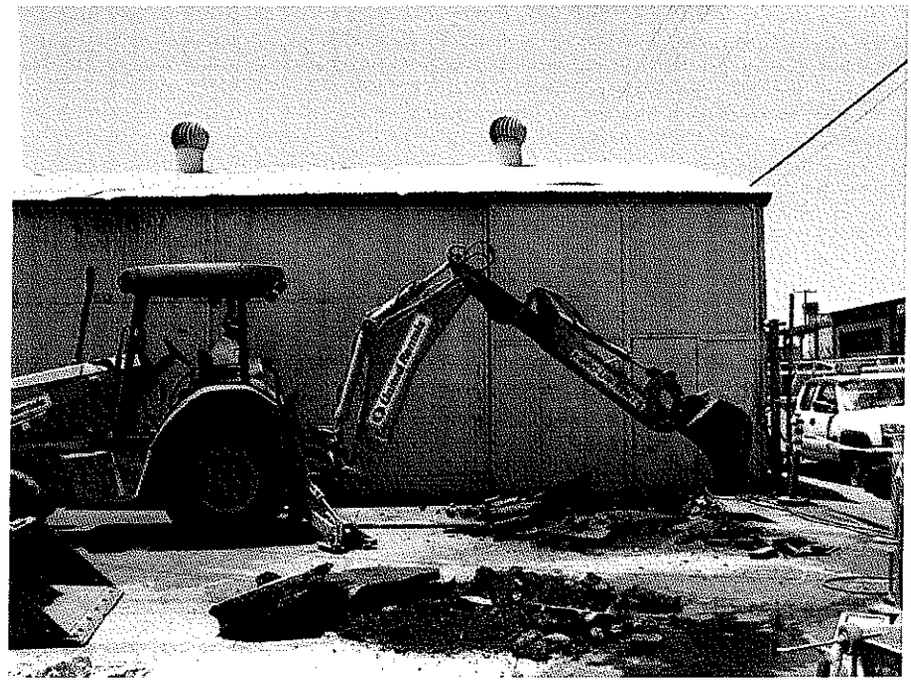


Photograph 4: Saw cut asphalt and concrete.

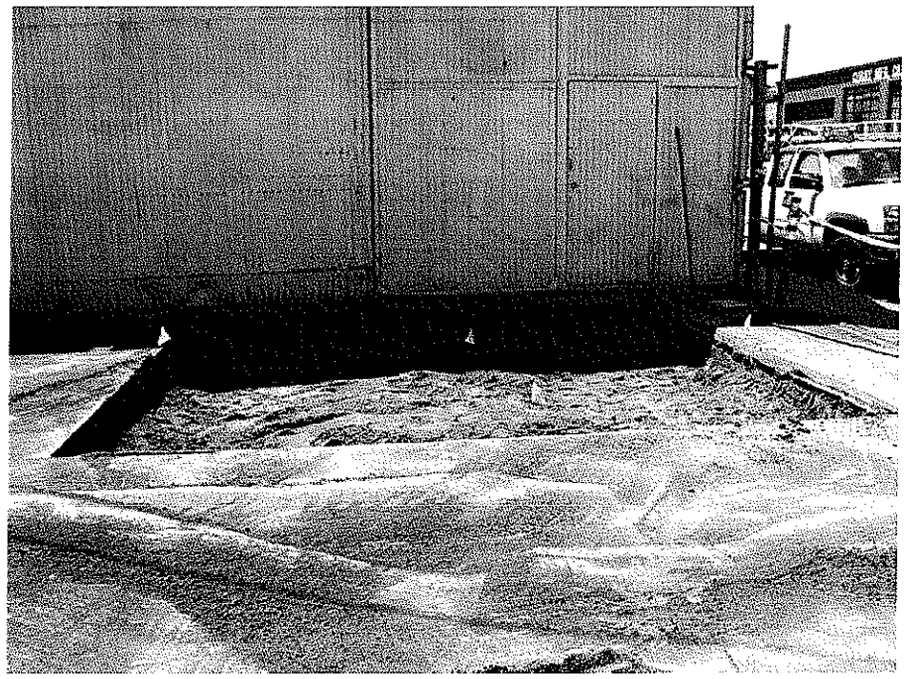
Photograph 5: Prep stockpile area bottom with plastic sheeting.



Photograph 6: Demo asphalt.

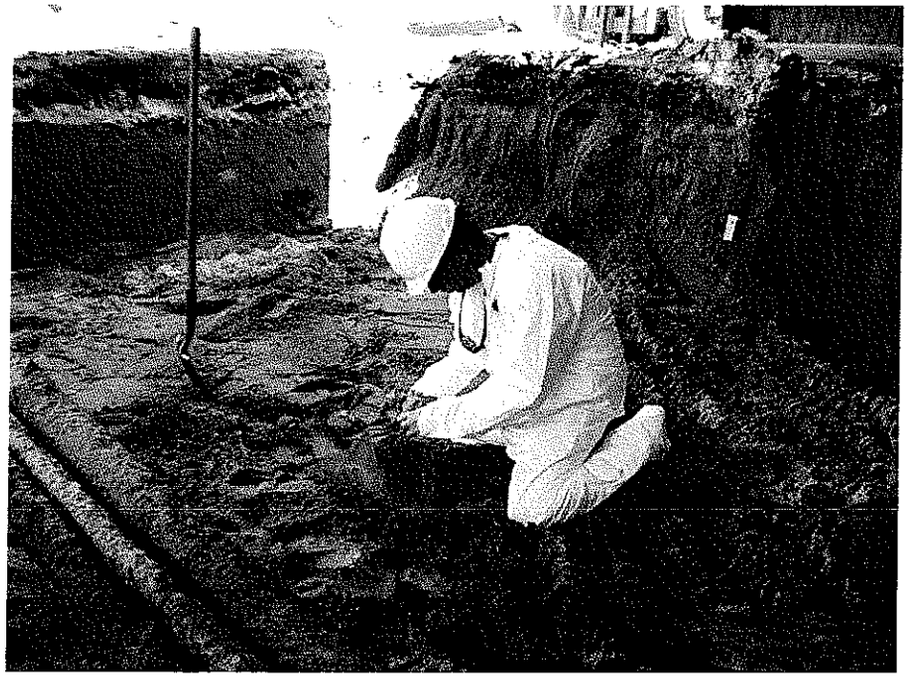


Photograph 7: Remove asphalt.

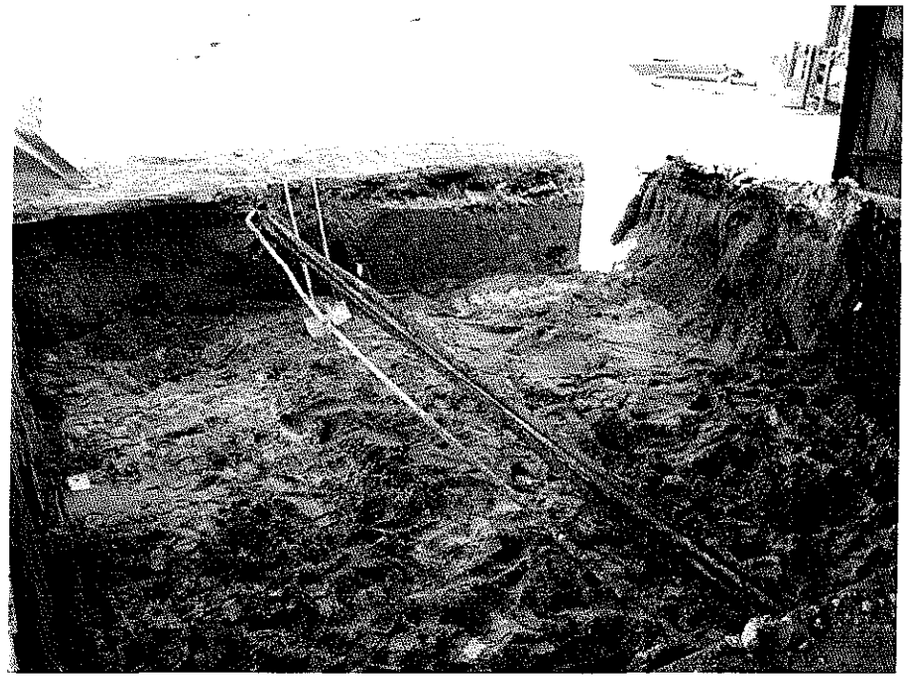


Photograph 8: Area A excavation to 1' bgs with sampling flags.

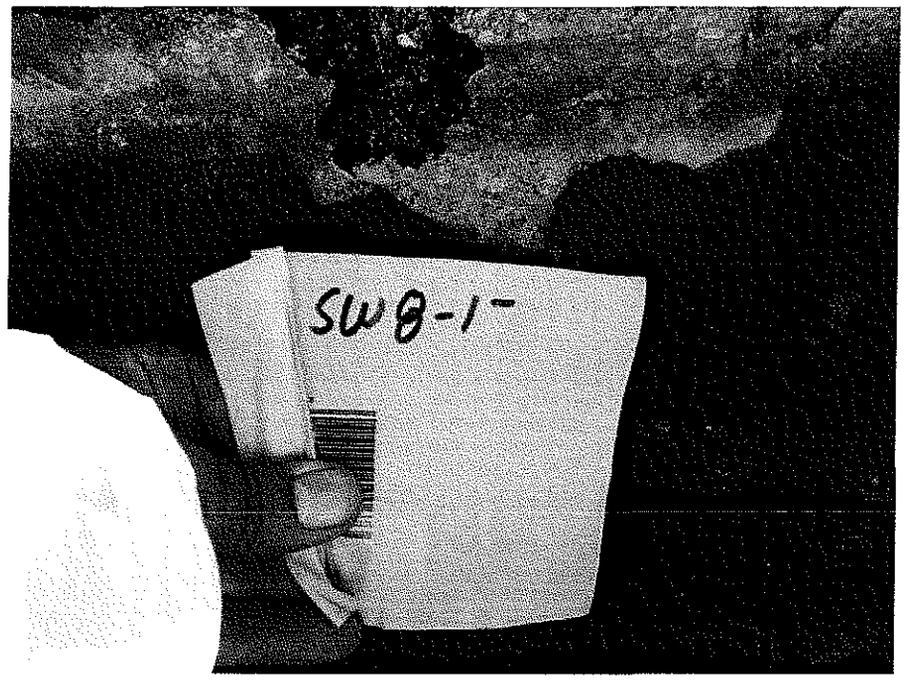
Photograph 9: Area C excavation to 4' bgs.



Photograph 10: Collecting confirmation sample in Area C excavation.

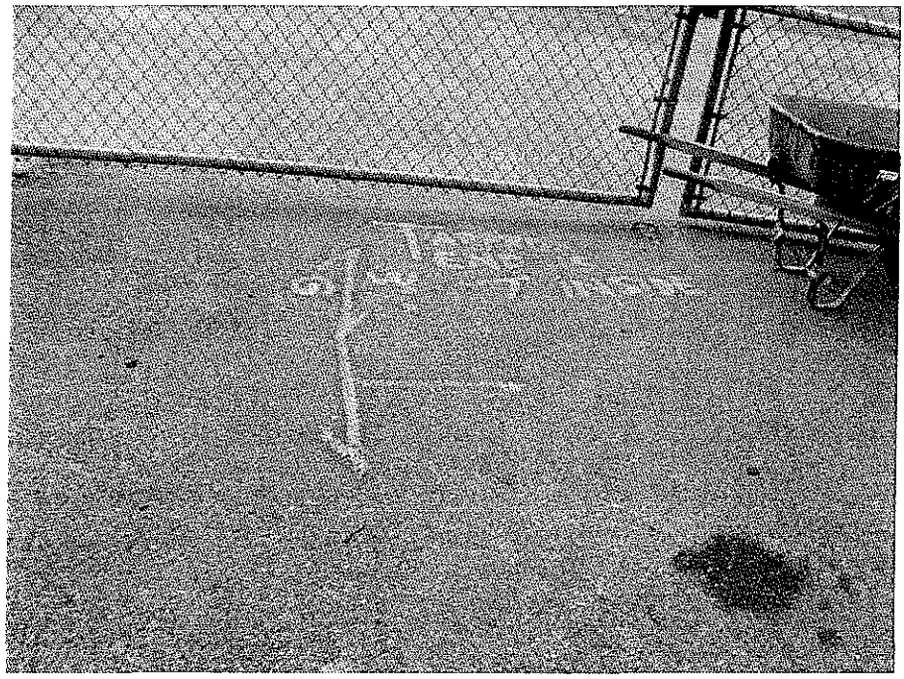


Photograph 11: Area C excavation with confirmation sample flags.



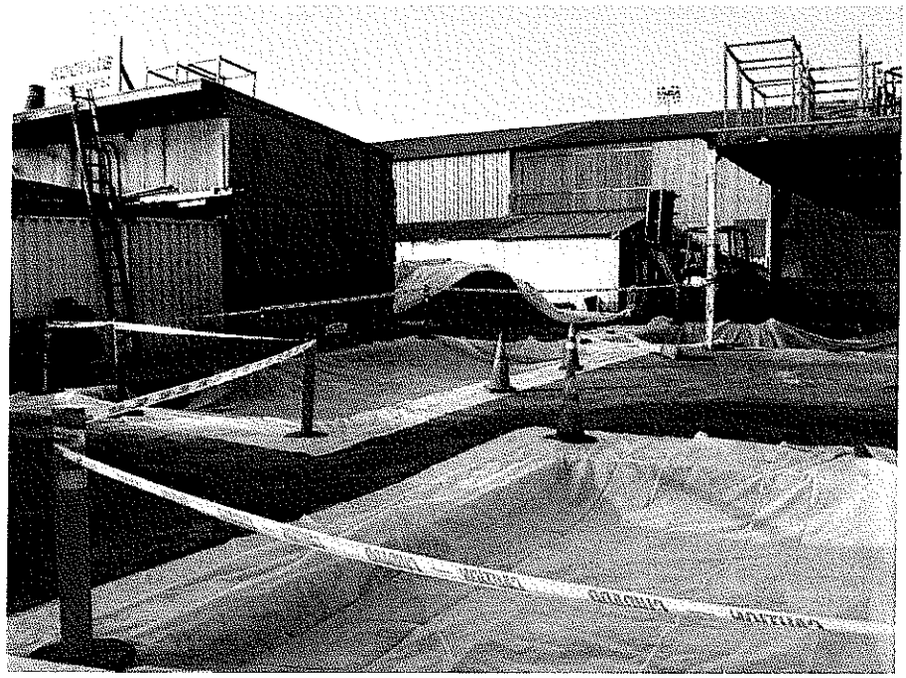
Photograph 12: Confirmation sample identification flag.

Photograph 13: Excavation Area D before excavating

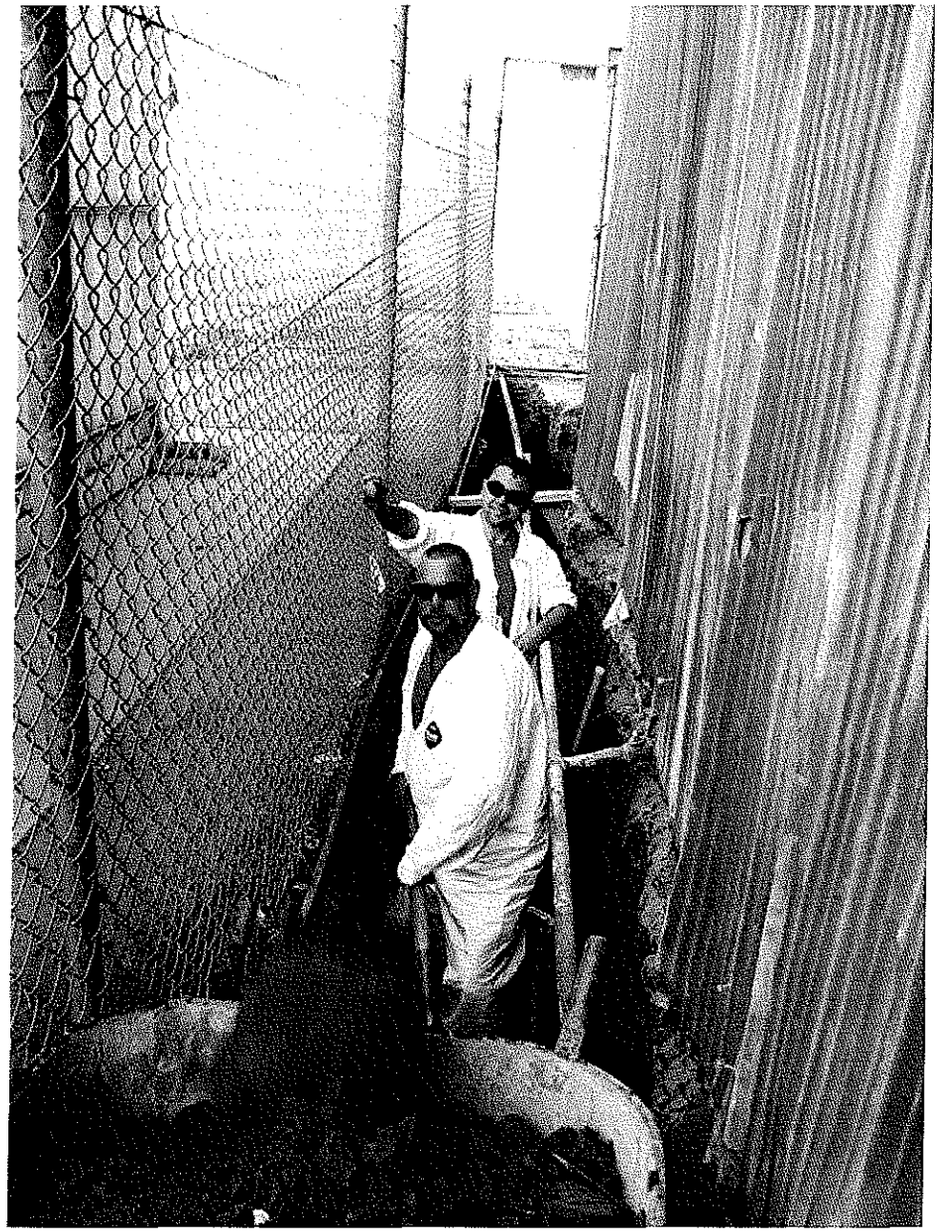


Photograph 14: Underground service alert utility markings.

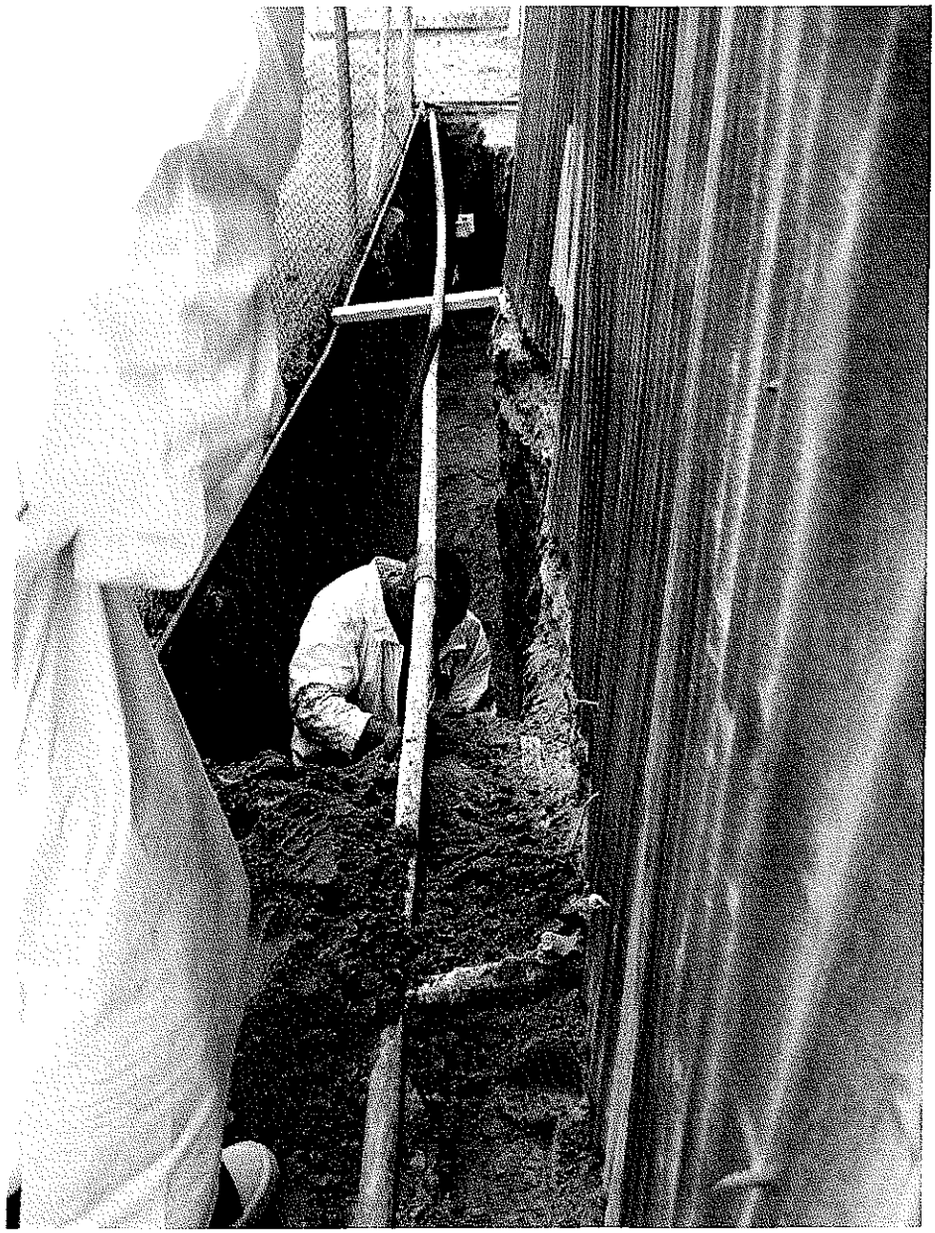
Photograph 15: Excavations covered with plastic sheeting at the end of the day.



Photograph 16: Excavation covered with plastic sheeting at the end of the day.

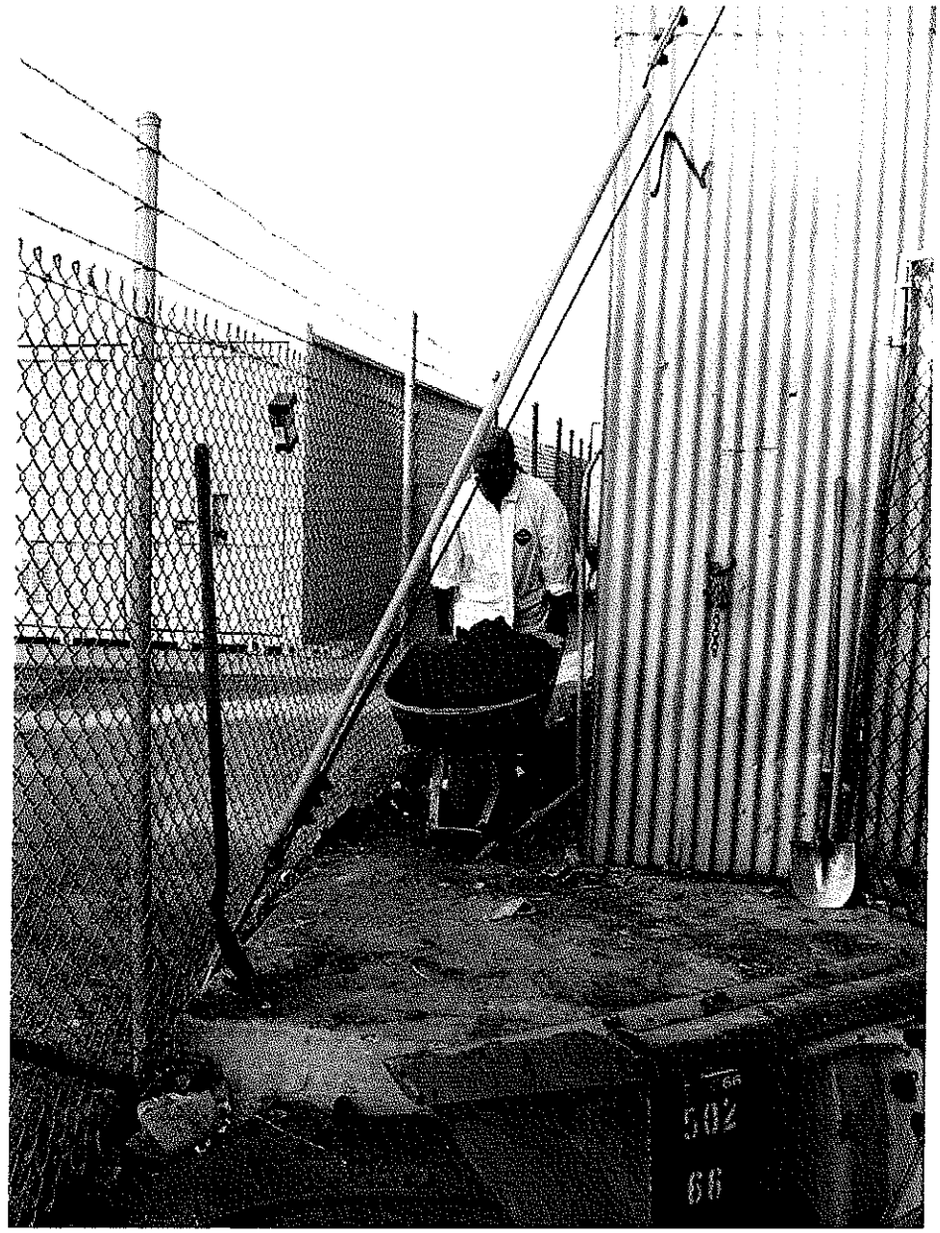


Photograph 17: Hand digging excavation Area D



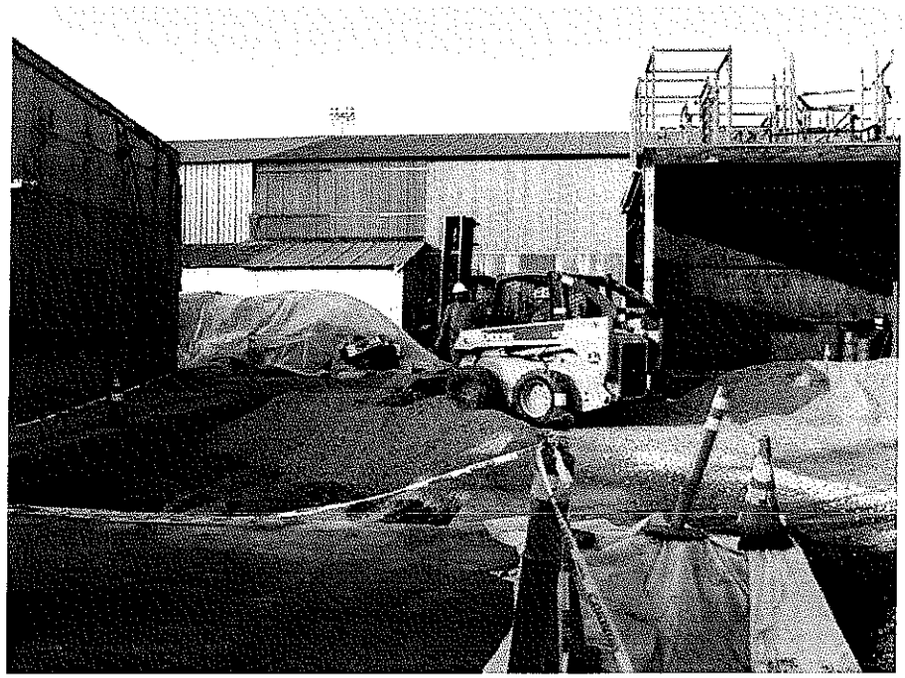
Photograph 18: Hand digging excavation Area D.

Photograph 19: Contaminant reduction zone with shower station for eastern excavation Area D.



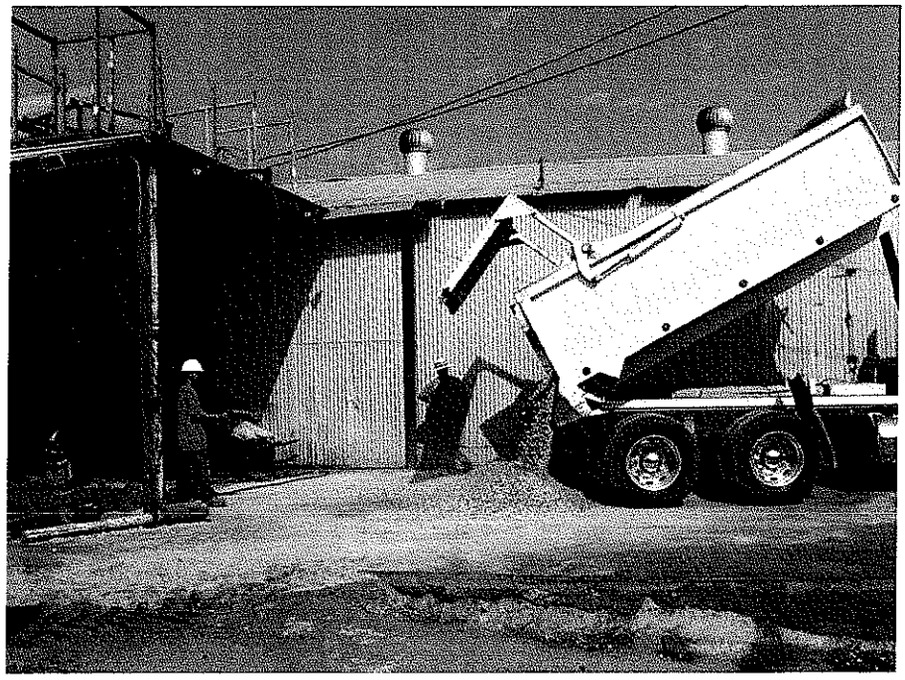
Photograph 20: Wheel barrowing out excavated soil from excavation Area D.

Photograph 21: Stockpile covered with plastic sheeting.

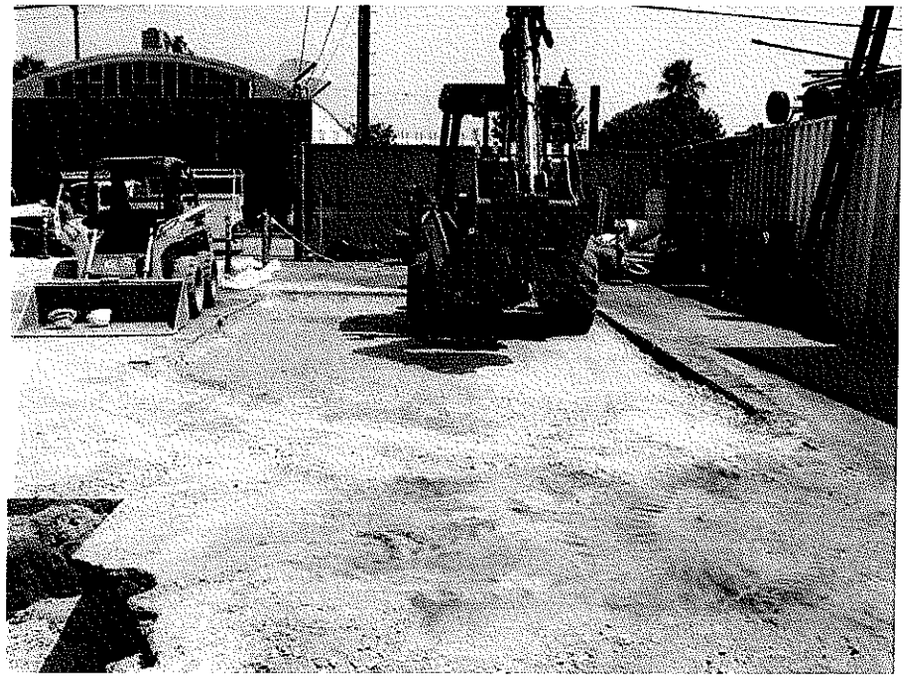


Photograph 22: Begin backfilling excavation areas with clean class II aggregate base rock.

Photograph 22: Compacting fill material.



Photograph 23: Importing fill material.



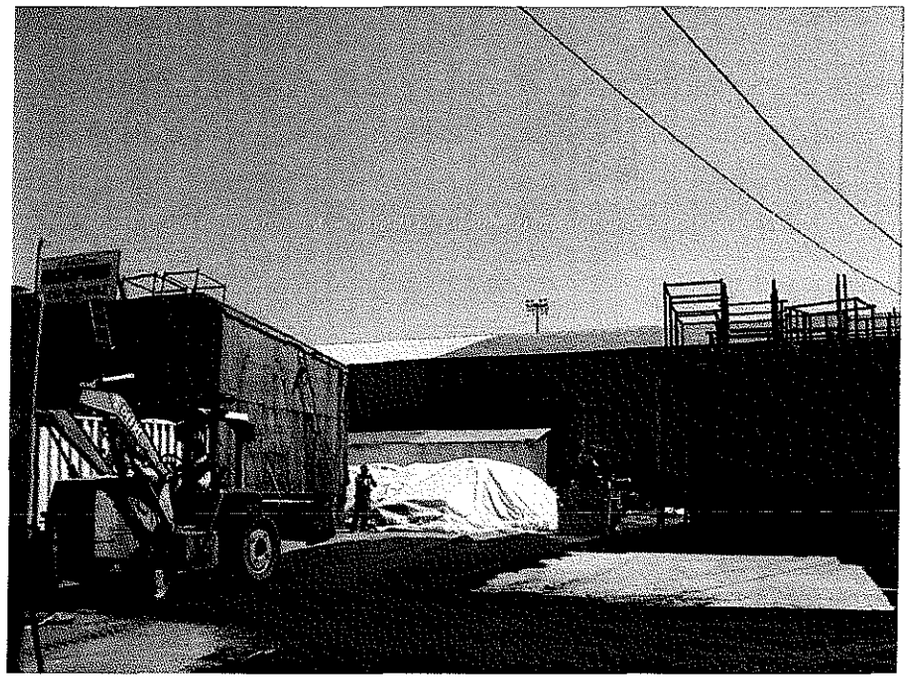
Photograph 24: Wheel rolling/compacting fill material.

Photograph 25: Begin backfilling excavation Area D.

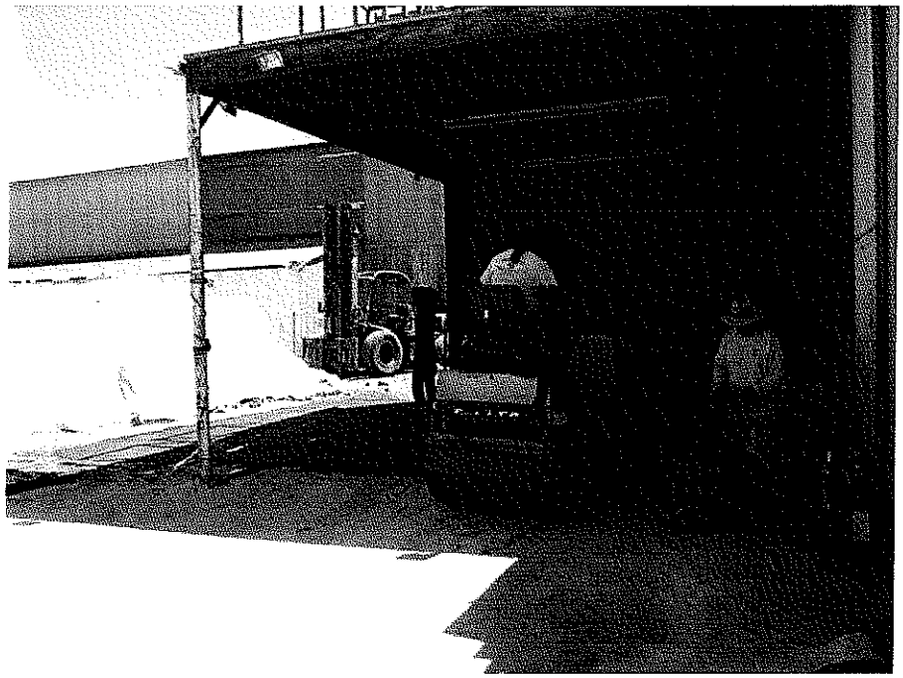
Photograph 26: Excavation areas compacted and ready for asphalt.

Photograph 27: Import asphalt.

Photograph 28: Place asphalt.



Photograph 29: Placing asphalt.



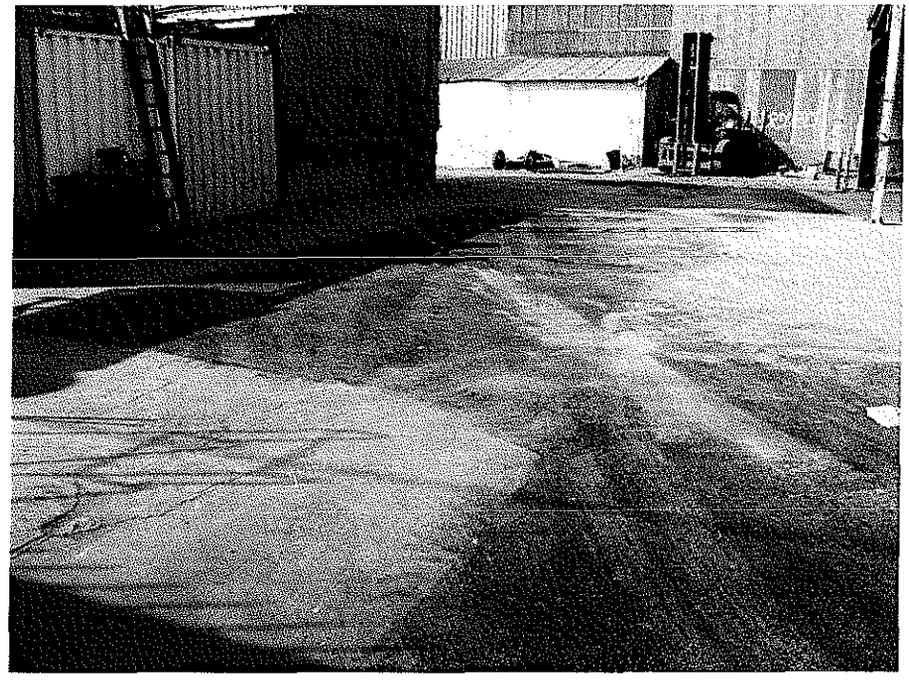
Photograph 30: Rolling asphalt.

Photograph 31: Excavation Area D backfill completed.

Photograph 32: Loading end dump truck with excavation spoils.

Photograph 33: Performed air monitoring during excavation and loading phases.

Photograph 34: Loading trucks early in the morning.



Photograph 35: Asphalt job completed.

Appendix D – Manifest Correction Letter

WSP

July 31, 2008

DTSC GISS
Attention: Manifest Correction
P.O. Box 806
Sacramento, California 95812-0806

Re: Manifest Corrections

To Generator Information Services Section:

In accordance with the Hazardous Waste Manifest Changes Fact Sheet dated March 2007, this letter is being sent in order to correct errors on the enclosed manifests. Enclosed are 9 (nine) copies of Hazardous Waste Manifests that will require modifications. The manifests are numbered 003411155, 003411156, 003411157, 003411159, 03411160, 003411161, 003411162, 003411163 and 003411164. The representative of the generator signed the manifests on July 23, 2008 and July 25, 2008.

Each manifest requires the same three (3) changes. The changes are as follows:

Item #5 – Generator Name should be "Quemetco Inc." **not** RSR Corporation (the address remains the same).

Item #1 – The Generator temporary EPA ID number CAC002632205 should have Quemetco Inc **not** RSR Corporation as the name associated with the ID Number.

Item #15 – Generator's/Offeror's/Typed Name should read "Bob Bealkowski as agent for Quemetco Inc." **not** RSR.

Please make the corrections to the manifests in question and update me with the changes.

WSP Environment & Energy
2025 Gateway Place Suite 435
San Jose, CA 95110
Tel: (408) 453-6100
Fax: (408) 453-0496
www.wspenvironmental.com

WSP Group plc
Offices worldwide

If you have any questions regarding this matter, please contact me at the address above or at jason.zajdlik@wspgroup.com.

Sincerely,

Jason Zajdlik
Consultant

JZ:ks
K:\Western Lead Pacific\Manifest Correction\Manifest Correction Letter.doc

cc: Therese Cirone, RSR Corporation
Homer Hine, RSR Corporation
John Mueller ESQ., Law Offices of John Mueller

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator ID Number: CAC002632205

2 Page 1 of: 1

3 Emergency Response Phone: 951-377-5997

4. Manifest Tracking Number: 003411155 JJK

5 Generator's Name and Mailing Address: RSR CORPORATION ATT: Homer Hine 2777 STEMMONS FWY #1800 DALLAS, TX 75207

Generator's Site Address (if different than mailing address): 4530 Pacific Way Commerce, CA 90004

Generator's Phone: 214 631-6070

6 Transporter 1 Company Name: HOYT Transportation

U.S. EPA ID Number: CAD981425953

7 Transporter 2 Company Name:

U.S. EPA ID Number:

8 Designated Facility Name and Site Address: US ECOLOGY Hwy 95, 12 miles So. of Beatty NV. 89003

U.S. EPA ID Number: NVT330010000

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1 RQ Hazardous Waste Solid NOS Class 9, PG III, NA 3077 (Lead)	1	DT	23	T	D009	611	
	2							
	3							
	4							

14. Special Handling Instructions and Additional Information: Gloves and Tarp, ERG 171, 24 hr contact 951-377-5997 PO File # 07015350 3

15 **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Bob Beatkowski as agent for RSR

Signature:

Month 7 Day 23 Year 08

16 International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Robert L. Moore

Signature:

Month 7 Day 23 Year 08

Transporter 2 Printed/Typed Name:

Signature:

Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)

U.S. EPA ID Number:

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)

Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1 2 3 4

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Signature: Month Day Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002632205
2. Page 1 of 1
3. Emergency Response Phone: 951-681-0705
4. Manifest Tracking Number: 003411156 JJK

5. Generator's Name and Mailing Address: RSR Corporation ATT Hammer Hine 2777 Stemmons Fwy #1800 Dallas TX 75207
Generator's Phone: 214-631-6070
Generator's Site Address (if different than mailing address): 4520 Pacific Way Commerce, CA.

6. Transporter 1 Company Name: Hunt Transportation
U.S. EPA ID Number: CAD981475852

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: US Ecology Hwy 95, 12 miles So. Beatty NV. 89003
Facility's Phone: 775-553-2203
U.S. EPA ID Number: NVT330010000

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	RQ Hazardous Waste Solid n.o.s. (Class 9, PG III) NA 3077 (Lead)	1	DT	23	T	D008 G11
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Gloves + Tarp, ERG-171
24 hr Contact 951-377-5997
Profile 070153 503

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: R.L. Rolf as agent for RSR
Signature: [signature]
Month 07 Day 25 Year 09

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Hunt Transportation
Signature: [signature]
Month 07 Day 25 Year 09
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

(3)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002632205
2. Page 1 of: 1
3. Emergency Response Phone: 951-377-5997
4. Manifest Tracking Number: 003411157 JJK

5. Generator's Name and Mailing Address: RSR Corporation, 2777 Stemmons Fwy #1800, Dallas, TX 75207
ATT Herman Land
Generator's Site Address (if different than mailing address): 4530 Pacific Way, Perris, CA
Generator's Phone: 814 631-6070

6. Transporter 1 Company Name: Hunt Transportation
U.S. EPA ID Number: PAD981925853

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: US Ecology, Hwy 95, 17 miles So., Beatty NV 89003
U.S. EPA ID Number: NVT330010000
Facility's Phone: 775-553-2203

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	RQ Hazardous Waste Solid, NOS (Lead), PG III, NA-3077	1	DT	23	T	D008 611
	2					
	3					
	4					

14. Special Handling Instructions and Additional Information
Gloves + Tarp; 226-171
24 hr Contact 951-377-5997
PC File 07101 53503

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Bob Bathurst, Manager for RSR
Signature:
Month 07 Day 25 Year 08

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Dan Youngblood
Signature:
Month 07 Day 25 Year 08
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator ID Number: AC002632205

2 Page 1 of: 1

3 Emergency Response Phone: 951-377-5687

4 Manifest Tracking Number: 003411160 JJK

5 Generator's Name and Mailing Address: RSR Corporation, 2777 Stemmons Fwy #1800, Dallas TX 75207

Generator's Site Address (if different than mailing address): 4530 Pacific Way, Perris CA 92004

Generator's Phone: 214-631-6070

6 Transporter 1 Company Name: EK Trucking — U.S. EPA ID Number: CAR000182981

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: US Ecology, Hwy 95, 12 Miles South, Beatty NV 89003 — U.S. EPA ID Number: NVT330010000

Facility's Phone: 775-553-2265

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1 RQ Hazardous Waste Solid NOS (Lead) Class 9 PG III NA-3077	1	DT	23	T	D008
	2					
	3.					
	4					

14. Special Handling Instructions and Additional Information

Gloves, Tarp, Reg 171

24 hr Contact 951-681-0705

15 **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: R.L. Rowland as agent for RSR — Signature: [signature] — Month 07 Day 25 Year 06

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. — Port of entry/exit:

Transporter signature (for exports only): — Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: SERGIO RUEDA — Signature: [signature] — Month 07 Day 25 Year 06

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

18. Discrepancy

18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month — Day — Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

(5)

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: AL0026232205
2. Page 1 of: 1
3. Emergency Response Phone: 951-377-5997
4. Manifest Tracking Number: 003411159 JJK

5. Generator's Name and Mailing Address: ATT Hermosa Hrw — RSA Corporation, 2777 Stemmons Fwy, #1800, Dallas TX 75207
Generator's Site Address (if different than mailing address): 4530 Pacific Way, Commerce, Ca. 90040
Generator's Phone: 214 651-6896

6. Transporter 1 Company Name: Zero Liability Transport
U.S. EPA ID Number:

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: US Ecology, Hwy 95, 12 miles So., Beatty NV. 89003
U.S. EPA ID Number: NVT330010000
Facility's Phone: 775-553-2203

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1 RQ Hazardous Waste Solid NOS (Lead), 9, PG III NA-3077	1	DT	23	T	D008 611
	2					
	3					
	4					

14. Special Handling Instructions and Additional Information
Glovis + Trip EQG 171
24 hr Contact 951-681-6708

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Bob Beatwick as agent to RSR
Signature: [signature]
Month: 07 Day: 25 Year: 08

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Sal Lodico
Signature: [signature]
Month: 7 Day: 29 Year: 08
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Signature: Month: Day: Year:

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MAC002632205
2. Page 1 of: 1
3. Emergency Response Phone: 951-377-5997
4. Manifest Tracking Number: 003411161 JJK

5. Generator's Name and Mailing Address: BSR Corporation Att: Hector Mora 2777 Stemmons Fwy #1900 Dallas TX 75207
Generator's Site Address (if different than mailing address): 4530 Pacific Way Commerce CA. 90004
Generator's Phone: 214-631-6070

6. Transporter 1 Company Name: ECOFLUID ECOTHERM INC.
U.S. EPA ID Number: PAR000184143

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: US Ecology Hwy 95, 12 miles So. Beatty NV 89003
U.S. EPA ID Number: NVT330010000
Facility's Phone: 775-553-2223

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1 RQ Hazardous Waste Solid NOS Class 9, PG III NA-3077 (Lead	2	DT	23	T	D008 G11
	2					
	3					
	4					

14. Special Handling Instructions and Additional Information
Gloves & Tarp ERG 171
24 hr Contact 951-377-5997

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Ignacio Gonzalez Signature: Month 07 Day 25 Year 05

INT'L 16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER 17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ignacio Gonzalez Signature: Nacho Month 07 Day 25 Year 05
Transporter 2 Printed/Typed Name: Signature: Month Day Year

DESIGNATED FACILITY 18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name Signature Month Day Year

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UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator ID Number: NAC 000262 [illegible]

2 Page 1 of 1

3 Emergency Response Phone: 651.377.5557

4 Manifest Tracking Number: 003411162 JJK

5 Generator's Name and Mailing Address: ATT Wireless Svcs, RSR Corporation, 2777 Stemmons Fwy #1800, Dallas TX 75207

Generator's Site Address (if different than mailing address): 4530 Pacific Way, Torrance, CA 90503

Generator's Phone: 214-631-6677

6 Transporter 1 Company Name: [illegible]

U.S. EPA ID Number: [illegible]

7 Transporter 2 Company Name:

U.S. EPA ID Number:

8 Designated Facility Name and Site Address: US Ecology, Hwy 95, 12 Miles, Beatty, NV. 89003

Facility's Phone: 775-553-2203

U.S. EPA ID Number: NVT330010000

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1 RQ Hazardous Waste Solid, Nos, Class 9, PG III, NA-3077 (Lead)	1	DT	23	T	D008 / U11
	2					
	3					
	4					

14. Special Handling Instructions and Additional Information

Glenns, Texas 826171

24 hr Contact 651.377.5557

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Rob Rockwell as agent for RSR

Signature: [signature]

Month 07 Day 25 Year 08

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] Signature: [illegible] Month 07 Day 25 Year 08

Transporter 2 Printed/Typed Name: Signature: Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name Signature Month Day Year

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UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator ID Number: CAC002637205

2 Page 1 of 1

3 Emergency Response Phone: 951-377-5997

4. Manifest Tracking Number: 003411163 JJK

5 Generator's Name and Mailing Address: RSR Corporation, 2777 Stemmons Fwy #1500, Dallas, TX 75207, Att Werner Hines

Generator's Site Address (if different than mailing address): 4530 Pacific Way, Commerce, CA 90004

Generator's Phone: 214-631-6070

6 Transporter 1 Company Name: DOBERMAN M. TRUCK, U.S. EPA ID Number: CAL000206487

7 Transporter 2 Company Name: U.S. EPA ID Number:

8 Designated Facility Name and Site Address: US Ecology, Hwy 95, 12 miles So., Beatty NV 89003

U.S. EPA ID Number: NVT 330010000

Facility's Phone: 775-553-2228

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1 RQ Hazardous Waste Solid NOS, Class 9, PG III NA 3077 (Lead)	1	DT	23	T	D008
	2.					
	3.					
	4.					

14 Special Handling Instructions and Additional Information: Gloves, Tarp, ERG 171; 24 Hr Contact 951-377-5997

15 **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Bob Bedkowski, as agent for RSR — Signature: [signature] — Month 07 Day 25 Year 08

GENERATOR

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: ROGELIO MANZIQUE — Signature: [signature] — Month 07 Day 25 Year 08

Transporter 2 Printed/Typed Name: Signature: Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1 2. 3 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name Signature Month Day Year

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UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator ID Number: [illegible]

2 Page 1 of: 1

3 Emergency Response Phone: 651-377-5597

4. Manifest Tracking Number: 00341164 JJK

5 Generator's Name and Mailing Address: RSR Corporation, 2777 Stemmons Freeway #1800, Dallas TX 75207

Generator's Site Address (if different than mailing address): 4530 Pacific Way, Commerce CA 90604

Generator's Phone: [illegible]

6 Transporter 1 Company Name: [illegible]

U.S. EPA ID Number: [illegible]

7 Transporter 2 Company Name:

U.S. EPA ID Number:

8 Designated Facility Name and Site Address: US Ecology, Hwy 95, 12 miles So., Beatty NV 89003

U.S. EPA ID Number: NVT330010080

Facility's Phone: 775-553-2203

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1 RQ Hazardous Waste Solid, NOS, Class 9, PG III, UN3077 (Lead)	1	DT	20 ~~2~~ LBS	T	~~D009~~	D11	
	2							
	3							
	4							

14 Special Handling Instructions and Additional Information

Gloves, Tape, ERG 171

24 hr Contact 651-377-5597

15 **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Bob Rathbun as agent for RSR

Signature: [illegible]

Month 07 Day 20 Year 08

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible]

Signature: [illegible]

Month 07 Day 20 Year 08

Transporter 2 Printed/Typed Name:

Signature:

Month Day Year

18. Discrepancy

18a Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)

Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1 2 3 4

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name

Signature

Month Day Year

GENERATOR

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TRANSPORTER

DESIGNATED FACILITY

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Appendix E – QA/QC Summary Report

Quality Control Data Review Summary

Site: Western Lead Pacific Way (WSPES Project No 218259-3)
Laboratory: Microbac Analytical Laboratories, Inc., Riverside, California
QA Reviewer: John Johnson, WSP Environmental Strategies
Review Date: August 18, 2008
Laboratory Project No.: See Table 2
Sample No.: Samples presented in Table 2.

Analyses: The samples were analyzed for the following parameters:

Parameter	Test Methods for Evaluating Solid Waste, (SW-846, 3rd Edition)
Volatile Organic Compounds	8260B
Semivolatile Organic Compounds	8270C
TPH	8015 Modified
Metals/mercury	6010B/7471A
STCL Metals	1311/6010B/7471A

Collection Dates: July 14 – July 18, 2008
Laboratory QC Criteria Reviewed: Holding times, laboratory and equipment blanks, matrix spike/matrix spike duplicates, initial and continuing calibration, laboratory replicates and laboratory control samples (blank spikes), instrument performance, and analytical raw data.
Field QC Criteria Reviewed: Equipment blanks.

The data were reviewed according to the U.S. Environmental Protection Agency (EPA) "Contract Laboratory Program National Functional Guidelines for Organic (and Inorganic) Data Review" (October 1999 and October 2004) and method specific quality control (QC) criteria. The following comments discuss data quality issues. The data qualifiers and the chain-of-custody identification information are presented in Tables 1 and 2 of this appendix.

Comments

1. The samples were received in good condition at the laboratory.

2. A sample was analyzed for Semivolatile Organic Compounds (SVOCs). There were 67 SVOC measurements. Since all of the SVOC results are valid, the results are 100 percent complete.

3. Thirty-six samples were analyzed for lead. There were 36 lead measurements. Since all of the results are valid, the results are 100 percent complete.

4. Sample BF-1 was analyzed for TPH. There were three measurements. Since all of the results are valid, the results are 100 percent complete.

5. Sample BF-1 was analyzed for CAM metals. There were 34 metals measurements. Since all of the results are valid, the results are 100 percent complete.

6. Sample SP-1 was analyzed for Toxicity Characteristic Leaching Procedure (TCLP) and Soluble Threshold Limit Concentration (STLC) metals. There were seventeen measurements for each analysis. Several analytes were qualified for blank contamination. Since results qualified for blank contamination are also valid, the results are 100 percent complete.

7. A sample was analyzed for Volatile Organic Compounds (VOCs). There were nearly 70 VOC measurements. Since all of the results are valid, the results are 100 percent complete.

8. Precision is the degree of mutual agreement between individual measurements of the same property under prescribed similar conditions. For duplicate measurements, precision is expressed as the relative percent difference (RPD) of the pair and is calculated using the following:

$$RPD = \frac{|D_1 - D_2|}{1/2\,(D_1 + D_2)} \times 100\%$$

where:

D_1 = Concentration of analyte in original sample
D_2 = Concentration of analyte in duplicate sample

An MS/MSD sample pair was collected and analyzed in order to determine the precision of the sampling and analytical precision. The RPD for all measurements were within acceptable limits.

Samples 200 and 201 are duplicates of CS2-2 and SW-13-2, respectively. Although the RPDs were elevated, the results were not qualified, because of the low concentrations of lead in the sample and its duplicate.

9. Accuracy refers to the degree of agreement of a measurement to the true value. Accuracy is expressed in terms of percent recovery and is calculated by the following equation:

$$\text{Percent Recovery} = \frac{\text{Measured Spike Value} - \text{Unspiked Value}}{\text{Known Spike Value}} \times 100\%$$

The MS/MSD sample pair were collected and analyzed in order to determine the precision of the sampling and analytical precision. The percent recovery for all samples were within acceptable limits.

10. All other QC criteria reviewed were within acceptable limits. Based on the quality assurance review of these data, all results are usable as qualified and are considered valid.

Table 1

Data Qualifier Definitions

U	The sample was analyzed for analyte, but it was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample
R	The sample was analyzed for analyte, but the presence or absence of the analyte has not been verified. Resampling and reanalysis are necessary to confirm or deny the presence of the analyte.
UJ	The sample was analyzed for analyte, but it was not detected above the reported sample quantitation limit. The resulting detection limit is an estimated value.
B	The inorganic result was detected between the instrument detection limit and the contract required detection limit.
NA	The sample was not analyzed for analyte.

K:\Western Lead Pacific\Removal Action Report 2008\QAQC Report\0807dv DOC

Table 2

Sample Identifiaction and Analyses
Western Lead
July 14-18, 2008

Sample Delivery Group			Lead	TPH	METALS	STLC METALS	TCLP METALS	VOCs	SVOCs
	SW-1-0.5	soil	1						
8070321	SW-2-0 5	soil	1						
	SW-3-0.5	soil	1						
	CS1-1	soil	1						
	SW-4-0.5	soil	1						
	SW-9-2	soil	1						
	SW 10-2	soil	1						
	SW-11-2	soil	1						
	SW 12-2	soil	1						
	CS-3-4	soil	1						
	SW-5-1	soil	1						
	SW-6-1	soil	1						
	SW-7-1	soil	1						
	SW-8-1	soil	1						
	CS2-2	soil	1						
	200	soil	1						
8070324									
	SP1	soil				1	1		
8070355									
	BF1	soil		1	1			1	1

807366			Lead
	SW13-2	soil	1
	SW14-2	soil	1
	SW15-2	soil	1
	SW-16-2	soil	1
	SW-17-2	soil	1
	CS4-4	soil	1
	CS5-4	soil	1
	201	soil	1

Table 2

Sample Identifiaction and Analyses
Western Lead
July 14-18, 2008

Sample Delivery Group			Lead	TPH	METALS	STLC METALS	TCLP METALS	VOCs	SVOCs
8070402			**Lead**						
	SW 18-0.5	soil	1						
	SW 19-0 5	soil	1						
	SW 20-0 5	soil	1						
	SW 21-0.5	soil	1						
	SW 22-0 5	soil	1						
	CS7-1	soil	1						
	CS6-1	soil	1						
	SW2a-0 5	soil	1						
8070449	**139359/10**		**Lead**						
	CS7-3	soil	1						
	CS6-3	soil	1						
	SW3a-0 5	soil	1						
	SW5a- 1	soil	1						
	Total Count		**36**	**1**	**1**	**1**	**1**	**1**	**1**

Appendix F – Chains-of-Custody

CHAIN OF CUSTODY RECORD

Project Number: 218259-3

Site and Location: Westerland Prairie Way

Contact Name:

Contact Email:

Sampler's Name: Bob Belkowski

Sampler's Signature: [signature] 2008

Matrices: S = Soil; Aq = Water; A = Air; Bu = Bulk; W = Wipe; Bi = Biota; OW = Oily Waste; O = Other

Requested Analyses

003314

0807-0324

Sample Identification:	Date	Time	Matrix	Number of Containers	Lead 6010									Remarks
SW1-0.5	7-14	1448	S	1	X									24hr TAT
SW2-0.5		1449		1	X									
SW3-0.5		1450		1	X									
CS1-1		1452		1	X									
SW4-0.5		1457		1	X									
SW9-2		1634		1	X									
SW 10-2		1635		1	X									
SW 11 2		1636		1	X									
SW 12 2		1637		1	X									
CS2-4		1638		1	X									
SW5-1		1730		1	X									
SW6 1		1731		1	X									
SW7-1		1732		1	X									
SW8-1		1733		1	X									
CS2-2		1734		1	X									
200 Dupe of CS2-2		—		1	X									

Relinquished by (Signature): [signature]	Date 7-14-08 Time 1800	Received by (Signature): [signature]	Laboratory Name: Microbac
Relinquished by (Signature): [signature]	Date 7-14-08 Time 2:19	Received by (Signature): [signature]	Laboratory Location: Riverside
			Custody Seal Numbers: –
Turn-Around Time:		Tracking Number:	Method of Shipment: Air

WSP ENVIRONMENTAL STRATEGIES

☐ Reston Office: 11911 Freedom Dr, # 900, Reston, VA 20190
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CHAIN OF CUSTODY RECORD

Project Number:	Site and Location:
218259-3	Western Lead Paint Work

Contact Name:	Contact Email:
Sampler's Name: Bob Bialkowski	Sampler's Signature:

Matrices:
S = Soil;
Aq = Water
A = Air; Bu = Bulk;
W = Wipe
Bi = Biota;
OW = Oily Waste;
O = Other

No. 003313

0807-0324

Requested Analyses

Sample Identification:	Date	Time	Matrix	Number of Containers	Lead	TCLP metals (AMD)	STLC metals (AMD)	Total metals						Remarks
CS1-1 MS/MSD	7-14-08	–	S	1	X									24 hr. TAT
SP1 (Stockpile composite)	7-14-08	1550	S	1		X	X	X						ASAP 48 hr. TAT
														& 24 hr. TAT or sooner
														for Total Metals

BB 7-15-08

Relinquished by (Signature):	Date | Time	Received by (Signature):	Laboratory Name:
	7-14-08 1800		Microbac
Relinquished by (Signature):	Date | Time	Received by (Signature):	Laboratory Location: Riverside
	7-14-08 720		Custody Seal Numbers:
Turn-Around Time:		Tracking Number:	Method of Shipment: Air courier

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ENVIRONMENTAL STRATEGIES

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CHAIN OF CUSTODY RECORD

Page _____ of _____

Project Number:	Site and Location:
218259-3	Western Lead Pacific Way
Contact Name:	Contact Email:
Sampler's Name: Bob Bedkowski	Sampler's Signature:

Matrices:
S = Soil:
Aq = Water
A = Air: Bu = Bulk:
W = Wipe
Bi = Biota:
OW = Oily Waste:
O = Other

Requested Analyses

0033v4

Sample Identification:	Date	Time	Matrix	Number of Containers	Lead (Pb)									Remarks
SW13-2	7.15.08	1556	S	1	X									24hr TAT
SW14-2		1557		1	X									
SW15-2		1558		1	X									
SW16-2		1559		1	X									
SW17-2		1600		1	X									
CS4-4		1601		1	X									
CS5-4		1602		1	X									
201 Dup SW13-2		—		1	X									

Relinquished by (Signature):	Date / Time	Received by (Signature):	Laboratory Name:
[signature]	7.15.08 1615	[signature]	Microbac
Relinquished by (Signature):	Date / Time	Received by (Signature):	Laboratory Location: Riverside
			Custody Seal Numbers: —
Turn-Around Time:		Tracking Number:	Method of Shipment: Lab Courier

WSP
ENVIRONMENTAL STRATEGIES

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CHAIN OF CUSTODY RECORD

Project Number:	Site and Location:
218259-3	Western Land Pacific Way

Contact Name:	Contact Email:

Sampler's Name:	Sampler's Signature:
Bob Bankowski	[signature]

Matrices:
S = Soil:
Aq = Water
A = Air: Bu = Bulk:
W = Wipe
Bi = Biota;
OW = Oily Waste:
O = Other

Requested Analyses

IN 003313

0807-355

Sample Identification:	Date	Time	Matrix	Number of Containers	SVOC 8270	TPH 8015	Metals 6010/7000	VOCs 8260						Remarks
BF-1	7-15-08	1111	S	4	X	X	X	X						24hr TAT
														Please composite
														into one aliquot.

Relinquished by (Signature):	Date / Time	Received by (Signature):	Laboratory Name:
[signature]	7-15-08 1140	[signature]	Lab Microbac
Relinquished by (Signature):	Date / Time	Received by (Signature):	Laboratory Location: Riverside
			Custody Seal Numbers:
Turn-Around Time:		Tracking Number:	Method of Shipment: hand deliver

WSP
ENVIRONMENTAL STRATEGIES

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CHAIN OF CUSTODY RECORD

contact Tod H @ 8807-402

Requested Analyses

34-003307

Project Number:	Site and Location:
218254-3	Wester Lead Pacific Wa

Contact Name:

Contact Email:

Sampler's Name: Bob Bedkowski

Sampler's Signature: [signature]

Matrices:
S = Soil:
Aq = Water
A = Air: Bu = Bulk:
W = Wipe
Bi = Biota;
OW = Oily Waste:
O = Other

Sample Identification:	Date	Time	Matrix	Number of Containers	Lead 6010									Remarks
SW18-0.5	7-16-08	1220	S	1	X									24hr TAT
SW19-0.5		1221	S	1	X									
SW20-0.5		1223	S	1	X									
SW21-0.5		1224	S	1	X									
SW22-0.5		1225	S	1	X									
CS7-1		1226	S	1	X									
CS6-1		1222	S	1	X									
SW20-0.5		1336	S	1	X									

Relinquished by (Signature):	Date / Time	Received by (Signature):	Laboratory Name:
[signature]	7-16-08	[signature]	Microbac
Relinquished by (Signature):	Date / Time	Received by (Signature):	Laboratory Location: Riverside
			Custody Seal Numbers: —
Turn-Around Time:		Tracking Number:	Method of Shipment: lab courier

WSP
ENVIRONMENTAL STRATEGIES

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CHAIN OF CUSTODY RECORD

Microbac 306 # [redacted] 0807 - 449

Page 1 of 1

G- 003308

Project Number:	Site and Location:
218259-3	Western Lead Pacific Way
Contact Name:	Contact Email:
Sampler's Name: Bob Bealkowski	Sampler's Signature:

Matrices: S = Soil; Aq = Water; A = Air; Bu = Bulk; W = Wipe; Bi = Biota; OW = Oily Waste; O = Other

Requested Analyses

Sample Identification:	Date	Time	Matrix	Number of Containers	Lead 6010									Remarks
CS7-3	7-18	8:02	S	1	X									Due before 12 noon
CS6-3	↓	8:03	S	1	X									on July 21, 08.
SWSA-0.5	↓	9:48	S	1	X									
SWSA-1	↓	9:49	S	1	X									

Relinquished by (Signature):	Date / Time	Received by (Signature):	Laboratory Name: Microbac
	7-18-08 0955		Laboratory Location: Riverside
Relinquished by (Signature):	Date / Time	Received by (Signature):	Custody Seal Numbers:
Turn-Around Time:		Tracking Number:	Method of Shipment: Lab courier

WSP ENVIRONMENTAL STRATEGIES

SAN JOSE, CA

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Appendix G – Laboratory Analytical Results