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Phase II Preliminary Contamination Assessment

11,630 - 11,700 Burke Street
Santa Fe Springs, California

Tokai Bank of California
PSI Project #: 588-41008
August 18, 1994

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Project Geologist

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Senior Author

Professional Service Industries, Inc.

Phase II Preliminary Contamination Assessment

11630 - 11700 Burke Street
Santa Fe Springs, California

Tokai Bank of California
PSI Project #: 588-4I008
August 18, 1994

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INTRODUCTION

General

This report presents the findings and conclusions of the Preliminary Contamination Assessment of 11630 - 11700 Burke Street in Santa Fe Springs, California conducted for Tokai Bank of California.

Authorization

Authorization to perform this assessment was given in the form of a Proposal dated July 19, 1994 which was approved on July 26, 1994.

Purpose

The purpose of this assessment was to investigate the potential presence or absence of chemical constituents from releases by the activities of either the current or former tenants at the subject site as indicated by prior reports prepared by others (discussed later in this report). The western half of the subject site is currently occupied by Talco Plastics, Inc., a plastic recycling facility. The eastern half of the subject site is occupied by a warehouse which is currently vacant. In the past, the eastern portion of the subject site was occupied by an oil field equipment manufacturing facility.

Quality Assurance/Quality Control

Sampling and testing was performed in general accordance with EPA approved methodology. Samples were analyzed at a California Department of Health and Services (DHS) certified laboratory.

PROJECT BACKGROUND

Site Location

The site upon which this assessment has been made is located on the south side of Burke Steet at 11630 - 11700 Burke Street in Santa Fe Springs, California. It is found on the USGS, 7.5 minute series, Whittier quadrangle map at T. 2 S., R. 11 W. of the San Bernadino Baseline and Meridian. A site diagram is located in Drawing 1 in the Appendix

Site Description

The subject site is approximately 8.5 acres in size consisting of several buildings in on the western portion of the site which is currently occupied by Talco Plastics Inc. The eastern portion of the subject site consists of a large vacant warehouse. Asphalt pavement covers the remaining areas of both portions of the site. The property is relativley flat and has an elevation of approximately 145 feet above sea level

Site Vicinity

The site is located in an area zoned for commercial, manufacturing and residential.

Previous Work

A Preliminary Site Assessment was performed at 11630 - 11700 Burke Street, Santa Fe Springs, California by AIG Consultants, Inc. dated June 30, 1994. Based on this assessment the following items were of concern.

Eastern portion of subject property:

- Stained soil along the southern property line west of the warehouse
- Storage shed containing hazardous materials located west of the warehouse and adjacent to the western portion of the subject property
- Two abandoned clarifiers located southeast of the storage shed
- Partially filled unlabeled drum in the southwestern corner
- Ponded or discharged liquids were historically observed east of the clarifiers

Western portion of subject property:

- An unregistered underground storage tank (UST) containing oil reportedly was adjacent two registered gasoline and diesel tanks along the western boundary line
- Five electrical transformers consisting of two pad-mounted transformers and three caged transformers
- Staining in the southwestern corner
- Numerous unlabeled 55-gallon drums

On July 22, 1994 PSI representatives conducted a site walk on the subject property to review the site and confirm the items reported in the Environmental Site Assessment. Generally, the items of environmental concern listed above were observed on the subject site with the exception of the 21 unlabeled 55-gallon drums and the UST containing waste oil.

In discussions with Jack Sheed, manager of the Talco facility, and personnel familiar with the site, the UST containing waste oil had been removed in the mid 80's. In addition the 21 unlabeled 55-gallon drums had been properly disposed of off site. Additional items of environmental concern to the subsurface based on the site review included possible clarifiers located in the eastern side of building #2 on the Talco property and small catch basin next to eastern boundary line of the Talco property.

The 5 electrical transformers did not appear to be an environmental concern with respect to significantly impacting the subsurface soils and groundwater.

REGIONAL GEOLOGY

The subject site is located within the central block of the Los Angeles Basin (Yerkes etal., 1965). The topographic surface expression of the central block includes an alluviated low land plain known as the Downey Plain which is bounded on the northwest by the Santa Monica Mountains, the Elysian and Repetto Hills to the north, the Puente Hills on the northeast and east, the Santa Ana mountains to the south, the San Joaquin Hills to the southwest and the associated hills of the Newport-Englewood fault zone to the west.

The Downey Plain as defined by Poland, Piper and others (1956), is 32 miles long and 4.5 to 8.5 miles wide and extends inland through several passes and to the ocean through several gaps. It was formed by the coalescing of alluvial fans of the Los Angeles, San Gabriel and Santa Ana Rivers. The resulting topography is subdued, with the surface slope of the Downey Plain varying from 7 to 23 feet per mile (DWR, 1988). The alluvial fans are of Quaternary Age, consisting of silt, sand, gravel and clay up to 175 feet thick (Poland, Piper and Others, 1956).

Beneath the recent alluvial fans lie Pleistocene deposits which consist of interfingered beds of sand, gravel, silt and clay. They range in thickness from 200 to 1000 feet along the coast, and 29 to 900 feet within the Newport-Inglewood fault zone and attain a maximum thickness of approximately 3000 feet beneath the central part of the Downey Plain (Poland, Piper and Others, 1956). The majority of these deposits are fluvial in origin except the earlier deposits which are largely composed of sands and gravel of marine and littoral origin.

Thick sequences of consolidated mainly marine sediments unconformably underlie the unconsolidated sediments of Quaternary age. These sediments were deposited from late Cretaceous to late Pliocene and represent a regional subsidence of the area. As much as 30,000 feet of sediment is thought to have been deposited in the central block of the Los Angeles Basin (Morton 1976).

In the area of the subject site, the underlying Quaternary deposits of concern are the alluvial deposits of the Lakewood formation of late Pleistocene age. The Lakewood formation consists of continuous coarse grained sand and gravel zones with some lenses of clay and sandy silt in the basal portion of the unit. The upper portion consists of discontinuous permeable zones with considerable variation of grain size typical of alluvial and flood plain deposits (DWR, 1965).

REGIONAL HYDROGEOLOGY

In the northern portion of the Downey Plain the ground water basin on which the site overlies is known as the Montebello fore bay area of the central basin. The fore bay area generally consists of unconfined ground water conditions and is one of the areas that contribute to the recharge of the basin, both from surface waters and subsurface flow from adjoining ground water basins.

The ground water generally moves in a westerly and southwesterly direction from the fore bay area into the central basin pressure area. Locally, however the ground water may be reversed due to the large quantities of water being extracted from water wells (DWR, 1965). There is little subsurface out flow from the central basin because most of the ground water in this region moves to a series of pumping troughs along the Newport-Inglewood uplift.

The principle body of ground water beneath the Downey Plain occupies the lower division of alluvial deposits of Recent age, all of the Pleistocene age, and a large portion of the Pico formation of upper Pliocene age. The base of this ground water body lies approximately 800 to 2600 feet below mean sea level (MSL) along thwe Newport-Inglewood fault zone and as much as 8,000 feet below MSL beneath the central part of the Downey Plain (Poland, Piper and others, 1956).

Twelve water bearing aquifers have been identified in the central basin within Los Angeles County (DWR, 1965). Based on the data presented by the Department of Water Resources (1965), seven of these aquifers appear to be present beneath the subject site. They include; the Artesia aquifer with a thickness of approximately 20 feet and the Gage aquifer with an estimated thickness of 30 feet located within the Lakewood formation; the Hollydale aquifer, Jefferson Aquifer, Lynwood aquifer, Silverado aquifer and Sunnyside aquifer within the San Pedro Formation with thicknesses of 40 feet, 10 feet, 75 feet 180 feet and 225 feet respectively. Over lying these aquifers in the vicinity of the subject site is the Bellflower aquiclude at a thickness of approximately 20 feet.

SCOPE OF WORK

The scope of work for this assessment included a literature review, field investigation, laboratory testing, data analyses, interpretation and report preparation. The field investigation as proposed, included drilling and sampling a total of 13 soil borings. Eight soil borings would be drilled with a hollow stem auger to an approximate depth of 15 feet below ground surface (bgs) and five soil borings would be drilled by hand augering to a depth of 10 feet bgs or until refusal.

As a result of field conditions encountered during this investigation the field activities were slightly modified. Boring B-7, which was drilled by a truck mounted hollowstem auger, was advanced into the subsurface to a total depth of 35 feet in an attempt to define the vertical extent of hydrocarbon impacted soil in the borehole. The number of hand augered soil borings was reduced by one since access was not allowed in the warehouse at the time field activities had begun.

LITERATURE REVIEW

As part of an effort to determine if local or regional conditions exists which may impact the subject site, files were reviewed at the Los Angeles County Public Works Department and the Los Angeles Regional Water Quality Control Board (LARWQCB) on properties in the vicinity of the subject site which have been environmentally impacted. Sites were identified that were hydrogeologically upgradient to the subject site which have impacted groundwater.

Two sites located at 11756 and 11845 Burke Street approximately 1/4 mile northeast and hydrogeologically upgradient of the subject site had elevated amounts of Volatile Organic Compounds including 1,1-Dichloroethene (DCE), Tetrachloroethene (PCE) and Trichloroethene (TCE) within the groundwater. Site characterizations were being performed on both sites. The site at 11845 Burke Street had VOCs migrate off-site in a southwesterly direction. However, the lateral extent has not been delineated. In addition to VOCs found at 11756 Burke Street, relatively high concentrations of benzene, toluene, ethylbenzene and xylenes were also detected in the ground water.

Half a mile to the northeast, hydrogeologically upgradient of the subject site, at 12240 Slauson Ave. ground water was impacted by PCE, DCE and TCE. Preliminary characterizations indicate that these contaminants had migrated off site in a south, southwestly direction. The lateral extent of the area impacted has yet to be defined.

Based on the files reviewed it is difficult to ascertain whether or not these sites could impact the subject site. However, the information found does suggest that impacted ground water is present in the vicinity of the subject site.

FIELD EXPLORATION

Geophysical Survey

On August 3, 1994 Underground Technology Incorporated conducted a geophysical screening of selected soil borings to determine if obstructions exist.

Soil Borings

On August 3, 1994 and August 4, 1994 Discovery Drilling, Inc. drilled and sampled eight soil borings (B-1 through B-8) utilizing a truck mounted drill rig equipped with 7-inch (O.D.) hollow stem augers. The soil boring locations are depicted in Figure 1 in the Appendix.

Prior to drilling, the upper five feet of each hollowstem augered soil boring was hand augered to verify the lack of subsurface obstructions. Each soil boring was drilled to a depth of 15 feet bgs except for B-7 which was drilled to a depth of 35 feet bgs because of the hydrocarbon impacted soils encountered at the shallower depths.

The subsurface lithology was described by inspecting the soils excavated by hand the first five feet bgs and by a California Modified Split Spoon Sampler at five foot intervals begining at 10 feet bgs. The lithologies detected during excavation are described in the boring logs found in the Appendix.

Once the boring and sampling activities had been completed the soil boring was abandoned. Abandonment of the soil boring was accomplished by filling the bore hole with bentonite chips, hydrating the chips with water, and capping the borehole with 3 inches of asphalt patch or concrete

Soil cuttings and decon water were placed in 55-gallon drums, secured with a lid, ~~labeled and temporar~~ily stored on-site for future disposal by the property owner pending soil and ground water analyses. Five drums of soil and one drum of wash water were produced during this investigation. Descriptions of decontamination procedures are presented in the following section.

Four soil borings (HA-1 through HA-4) were hand augered on the subject site. HA-1 was drilled within the storage shed to a depth of 8 feet bgs. HA-2 and HA-3 were drilled within Building #2 of the Talco property adjacent to the clarifiers to a depth of 10 feet bgs and 4.5 feet bgs respectively. HA-4 was drilled to a depth of 10 feet bgs in the southwest corner of the subject site in an area of staining. Access to the subsurface soils for soil borings HA-2, HA-3

and HA-4 was provided by coring. See Figure 1 in Appendix for soil boring locations.

Soil Sampling

Soil samples taken for the purpose of analytical analyses in hollowstem augered soil borings were taken at two feet bgs and at approximately five foot intervals, beginning at 5 feet bgs. Samples were recovered by a two-and-a-half inch inside diameter, California Modified Split Spoon Sampler, equipped with 4-inch long brass retainers. The lower most soil filled brass retainer was selected for future examination or testing by a California State Certified laboratory. Samples sent to the laboratory were capped with teflon lined plastic covers, labeled, stored under chilled conditions in an ice chest, and shipped to the laboratory following chain-of-custody procedures.

The soil in the second soil filled brass retainer was used to screen the soil for the presence of organic vapors with a photoionization detector (PID). This soil was placed in sealable plastic bags and placed in the sun for a minimum of 30 minutes to allow the volatilization of any hydrocarbons in the soil. Instrument readings were taken by inserting the PID probe into the headspace. The manufacturers information indicates that the degree of sensitivity of the PID is 0.1 parts per million (ppm). The second soil filled brass retainer was also used in the description of the soil. This information was recorded on the boring logs shown in the Appendix.

Soil samples taken for the purpose of analytical analyses in hand augered soil borings were taken at 2 feet bgs, 5 feet bgs and 10 feet bgs or at the bottom of the soil boring. Samples were recovered by an 8-inch long sampler equipped with two 3-inch brass retainers. The lower most soil filled brass retainer was selected for future examination or testing by a California State Certified laboratory. Samples sent to the laboratory were capped with teflon lined plastic covers, labeled, stored under chilled conditions in an ice chest, and shipped to the laboratory following chain-of-custody procedures.

The drilling equipment and other materials utilized for soil sampling were decontaminated prior to and between each sample collection, as appropriate. The soil sampling equipment was washed in tap water with Alconox, double rinsed with tap water, rinsed in deionized water and air dried prior to the next sampling event. The hollowstem augers and drill bit was steam cleaned between drilling locations.

LABORATORY TESTING

General

As proposed, laboratory testing for soils on site included analyzing for extractable Total Petroleum Hydrocarbons (TPH) utilizing ERA method 8015m, volatile organics utilizing EPA method 8240 and California Title 22 metals. These methods were selected to detect contaminants commonly associated with manufacturing facilities where solvents and petroleum based products are used and stored. These testing methods are in general accordance with those outlined by applicable EPA and DHS guidelines.

Soil Testing

Selected soil samples were subjected to testing in the laboratory based on the elevated PID screenings. However, when PID readings were nondetect within a soil boring, the 2 foot soil sample was analyzed in areas of surface staining, and the 10 foot soil sample (when possible) was analyzed in soil borings drilled adjacent to the clarifiers. Analytical chemical testing results for the soil samples are discussed later in this report, and are included in the Appendix with chain of custody documentation.

SUBSURFACE CONDITIONS

General

The description of subsurface conditions provided herein is intended to be of only a general nature. For more specific estimates, reference should be made to the actual subsurface test data attached in the Appendix. The provided subsurface descriptions are only general estimates, inferred from limited data, and are therefore of limited accuracy. They may not represent all conditions at the site.

Site Stratigraphy

The subsurface soils at the subject site consist of alluvial sediments ranging in grain size from coarse sand with gravel to clay. These sediments were divided into four lithologic units of which the upper three could be correlated between borings drilled in this assessment.

Asphalt about 3-inches thick covers much of the subject site. In building #2, where HA-2 and HA-3 were drilled, up to 3-inches of concrete was observed. Directly beneath the asphalt and concrete the sediment generally consisted of silty clay or clayey silt with the exception of HA-1 and HA-2 which consisted of sandy silt and B-4 inwhich fine to coarse sand was observed. This lithologic unit is generally brownish in color, dry to moist and is very dense. The unit is present in bore holes to at least 5 feet bgs.

The second unit generally consists of silty fine sand or sandy silt and is found at approximately 10 feet bgs to approximately 15 feet bgs. It consists of a yellowish brown, reddish brown or dark brown color. In B-7 it has been stained greenish gray.by hydrocarbons. The moisture content of this unit varies from dry to moist, and its density ranges from dense to very dense.

The third unit consists of a sand ranging in size from fine to medium grained. It is found at approximately 15 feet bgs to a depth near 35 feet bgs as observed in soil boring B-7. The unit is generally light brown to yellowish brown in color. The moisture content varies from moist to dry/moist and its density ranges from medium dense to very dense.

The fourth unit consists of a silty clay and was found only in soil boring B-7 at a depth of approximately 35 feet bgs. It was yellowish brown in color, moist and very stiff to hard.

Groundwater Conditions

Groundwater was not encountered during the subsurface investigation. However, based on file reviews of nearby sites ground water is reported to be between 47 to 55 feet bgs flowing in a southwesterly direction.

PRELIMINARY CONTAMINATION ASSESSMENT

Soil Contamination Assessment

Laboratory testing performed on selected soil samples from each soil boring was analyzed for purgeable and extractable total petroleum hydrocarbons (TPH) utilizing EPA method 8015m, volatile organic compounds utilizing EPA method 8260 (equivalent to 8240) and Title 22 metals utilizing methods 6010 and 7471. See Tables 1, 2, and 3 for a summary of the analyses. The laboratory data is found within the Appendix.

Concentrations of purgeable TPH in selected samples from each soil boring were not detected with the exception of the soil sample taken at the 10 foot interval of soil boring B-7. Analysis of this sample detected 159 mg/kg (ppm) of TPH. See Table 1.

Extractable fractions of TPH includes gasoline, kerosene, mineral spirits, diesel, and lubrication oil. All of these extractable fractions of TPH were not detected in any of the soil borings with the exception of lubricaton oil. Concentrations of lubrication oil was detected in soil samples taken from soil borings B-5, B-7, B-8 and HA-1. The highest concentration of lubrication oil was detected in soil boring B-7. Concentrations of lubrication oil in soil samples taken at 10, 15, 25, and 35 feet bgs from this soil boring were 31,330 ppm, 12,330 ppm 18,380 ppm and 11.7 ppm respectively. Soil boring HA-1 also had relatively high concentrations of lubrication oil at 30,000 ppm taken at approximately 2 feet bgs. Relatively lower amounts of lubrication oil were detected in soil borings B-8 and B-5-4. Analysis of soil taken from B-8 at approximately 2 feet bgs and B-5 approximately 4 feet bgs detected concentrations of 1,440 ppm and 11.7 ppm respectively. (See Table 1).

Selected soil samples taken and analyzed for California Title 22 metals. (See Table 2) The majority of the metals were detected during this site assessment. Concentration of all metals were below their respective Total Threshold Limit Concentration (TTLC) values which is used as a guideline to determine if the soil is a hazardous waste. However, two soil samples analyzed for arsenic and one soil sample analyzed for chromium were found to have concentrations greater than 10 times their respective Soluble Threshold Limit Concentration (STLC) values. Concentrations of metals below their TTLC values and 10 times above their STLC values require additional testing to determine if the soil is hazardous. The additional test required is the Waste Extraction Test (WET) which gives a more definitive determination of the soils toxicity, and whether it should be considered a hazardous waste. Arsenic was detected at concentrations of 55 ppm and 50 ppm in the soil samples taken from B-1 at 2 feet bgs and B-7 at 35 feet bgs. The STLC values for Arsenic is 5 ppm. Chromium was found at concentrations of 71.1 ppm in the soil sample taken from B-8 at 2 feet bgs. The STLC value for Chromium is 5 ppm. Selenium, antimony and thallium were not detected during this site assessment.

Table 3 summarizes the concentrations of detectable VOCs found in the analyzed soil samples. Based on this data, soil samples taken from the

majority of the soil borings were found to have nondetectable concentrations of VOCs with the exception of acetone and/or methylene chloride which may be considered laboratory introduced contamination. Soil samples from boring B-7 was found to have the largest number and highest concentration of VOCs.

The majority of VOCs in soil samples taken from soil boring B-7 were detected 10 feet below ground surface. Of the soil samples analyzed at 15 feet bgs, 20 feet bgs and 25 feet bgs only Trichloroethene (TCE) and Tetrachloroethene (PCE) continue to be detected (excluding acetone and methylene chloride). TCE concentrations in soil samples from 10 feet bgs, 15 feet bgs, 20 feet bgs and 25 feet bgs were 230 ppb, 61 ppb,82 ppb, and 72 ppb respectively. PCE increased in concentration with depth from 27 ppb at 10 feet bgs to 510 ppb at 25 feet bgs. Both TCE and PCE were not detected in the soil sample taken from 35 feet from bgs. Refer to Table 3 for a complete list of the VOCs detected.

PCE was also detected in soil boring HA-1 at approximately 2 feet bgs. Soil samples taken below 2 feet were no analyzed.

Groundwater Contamination Assessment

Groundwater was not encountered in the subsurface investigation and as a result was not analyzed.

CONCLUSIONS AND RECOMMENDATIONS

General

The assessment, conclusions, or recommendations herein are based on the subjective evaluation of limited data. As a result they are intended (and should be considered) to be preliminary in nature.

Conclusions

The analytical results combined with the field observations reveal soil impacted by petroleum hydrocarbons, metals and volatile organic compounds beneath the subject site. It appears that the highest concentration of petroleum hydrocarbons and volatile organic compounds are located in the vicinity of the clarifier south east of the storage shed as suggested by the analytical data from soil samples taken from soil boring B-7. Based on the limited data, it appears that the impacted soil in B-7 is concentrated from 10 feet bgs to at least 25 feet bgs. However, the vertical and lateral extent of the impacted soil has not been defined.

Elevated concentrations of petroleum hyrocarbons and volatile organic compounds were also detected in the storage shed where hazardous materials had been stored as suggested by the analytical data from soil samples taken from soil boring HA-1, and in the vicinity of B-8 in the southern portion of the eastern part of the subject site. The vertical and lateral extent of impacted soil in these areas have not been defined.

Concentrations of arsenic and chromium above the STLC (10 times) were found in soil boring B-1 , B-7 and B-8 respectively suggesting the soil may be hazardous and that a WET may be necessary to determine this.

Recommendations

Based on the high concentrations of lubrication oil and VOCs found in the soil samples in the vicinity of the clarifier, storage room and southern portion of the subject site, a more comprehensive soil contamination assessment would be needed to better define the vertical and lateral extent impacted soil. It is also recommended that the local agency (Los Angeles County Public Works - Underground Tank Division or the EPA- Department of Toxic Substances Control) be informed of the results of this site assessent to discuss what actions, if any, would be needed to reduce the environmental hazard that may be present.

WARRANTY

The field observations, measurements, and research reported herein are considered sufficient in detail and scope to form a reasonable basis for a preliminary contamination assessment of this property. PSI warrants that the findings and conclusions contained herein have been prepared in accordance with generally accepted environmental science and engineering methods, only for the site as described in this report.

The preliminary contamination assessment has been developed to provide the client with information regarding apparent indications of suspected adverse environmental conditions relating to the subject property. It is necessarily limited to the conditions observed and to the information available at the time the work was performed.

Due to the limited nature of the work, there is a possibility that conditions may exist which could not be identified within the scope of the assessment, or which were not apparent at the time of the report preparation. It is also possible that the testing methods employed at the time the report was prepared may later be superseded by other methods. The description, type, and composition of what are commonly referred to as "hazardous materials or conditions", can also change over time. PSI does not accept responsibility for changes in the state of the art, nor for changes in the scope of various lists of hazardous materials or conditions. PSI believes that the findings and conclusions provided in this report are reasonable.

This report has been generated by Professional Service Industries, Inc. for the sole purpose of providing a Phase II Preliminary Contamination Assessment of the Malco site, located in South Pasadena, California. No parts of this report may be reproduced without permission of California Federal Bank. This warranty and agreed general conditions apply only to California Federal Bank. No other warranties are implied or expressed.

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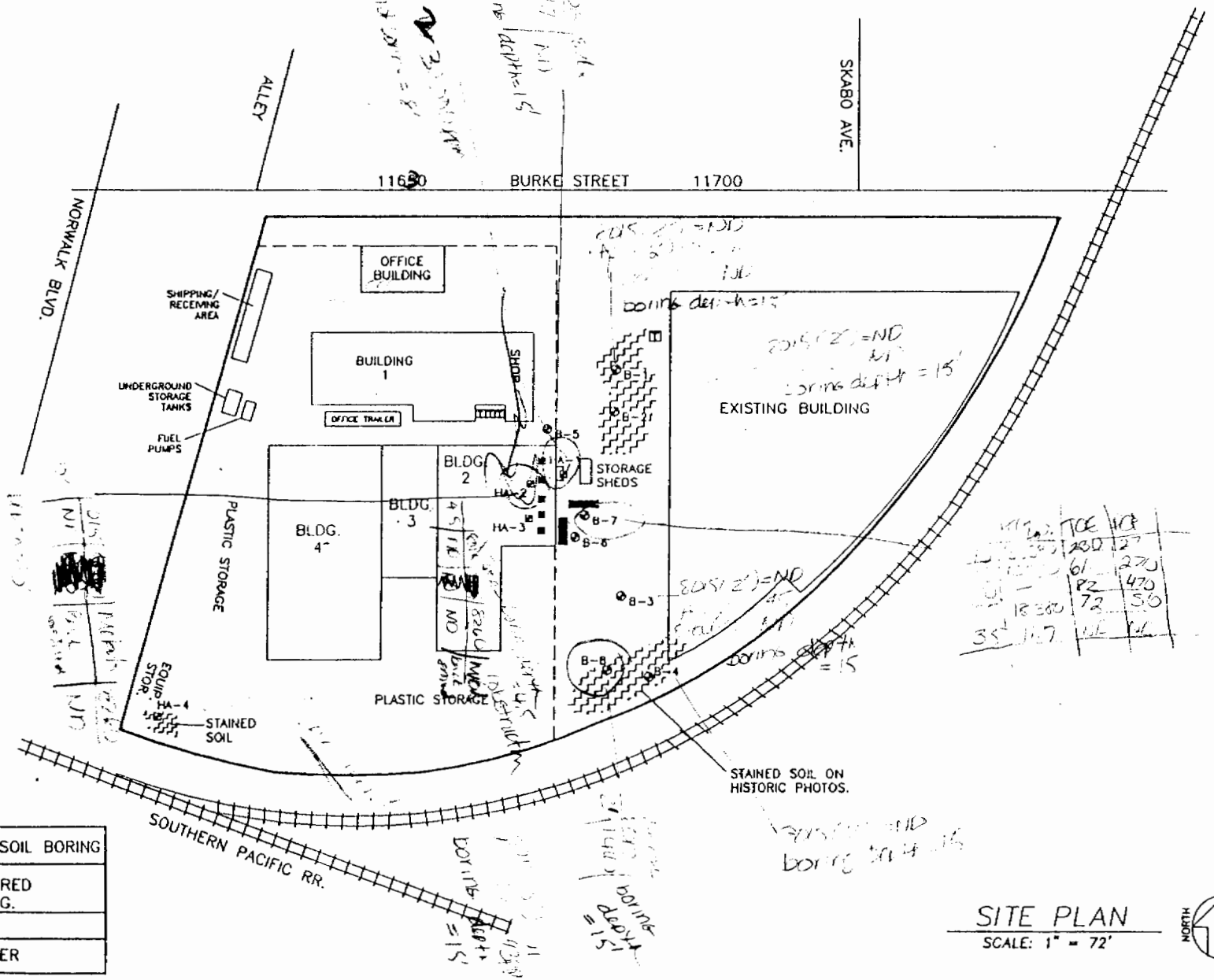
APPENDIX

SITE PLAN



LEGEND

B-6	HOLLISTER SOIL BORING
HA-#	HAND AUGERED SOIL BORING.
■	CLARIFIERS
T	TRANSFORMER

SITE PLAN
SCALE: 1" = 72'

PROFESSIONAL SERVICE INDUSTRIES, INC.
500 WEST CENTRAL AVENUE
BREA, CALIFORNIA 92621
(714) 671-1072

TOKAI BANK OF CALIFORNIA
INDUSTRIAL BUILDINGS – 11630 to 1170 BURKE STREET
SANTA FE SPRINGS, CA. 90609

TITLE: PHASE II – ENVIRONMENTAL SITE ASSESSMENT
SITE PLAN & BORING LOCATIONS

DRAWN BY:	DATE:	APPROVED BY:
D.E.	8/17/94	GLEN
DRAWING NO. 1	PROJECT NO.: 588-41008	

TABLES

Table 1

Concentrations of Total Petroleum Hydrocarbons in Soil by EPA Method 8015m

Boring	Sample Number	Depth (in feet)	TPH Extractable					TPH Purgeable
			Gasoline Range	Kerosene	Mineral Spirits	Diesel Range	Lubercation Oil	TPH Gas
-1	B-1-2	2	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 0.1
-2	B-2-2	2	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 0.1
-3	B-3-2	2	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 0.1
-4	B-4-2	2	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 0.1
-5	B-5-4	4	< 3.0	< 3.0	< 3.0	< 3.0	11.7	< 0.1
-6	B-6-10	10	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 0.1
-7	B-7-10	10	< 3000	< 3000	< 3000	< 3000	31,330	< 0.1
-7	B-7-15	15	< 300	< 300	< 300	< 300	12,330	< 0.1
-7	B-7-20	20	N/A	N/A	N/A	N/A	N/A	N/A
-7	B-7-25	25	< 300	< 300	< 300	< 300	18,380	< 0.1
-7	B-7-35	35	< 3.0	< 3.0	< 3.0	< 3.0	11.7	< 0.1
-8	B-8-2	2	< 60	< 60	< 60	< 60	1,440	< 0.1
A-1	HA-1-2	2	< 3000	< 3000	< 3000	< 3000	30,000	< 0.1
A-2	HA-2-10	10	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 0.1
A-3	HA-3-4.5	4.5	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 0.1
A-4	HA-4-2	2	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 0.1

otes: All concentrations are in mg/kg (ppm).
< Denotes concentrations below detection limits.
N/A Not applicable.

Table 1
Concentrations of Total Petroleum Hydrocarbons in Soil by EPA Method 8015m

ring	Sample Number	Depth (in feet)	TPH Extractable					TPH Purgeable
			Gasoline Range	Kerosene	Mineral Spirits	Diesel Range	Lubercation Oil	TPH Gas
	B-1-2	2	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 0.1
	B-2-2	2	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 0.1
-3	B-3-2	2	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 0.1
	B-4-2	2	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 0.1
	B-5-4	4	< 3.0	< 3.0	< 3.0	< 3.0	11.7	< 0.1
-6	B-6-10	10	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 0.1
-7	B-7-10	10	< 3000	< 3000	< 3000	< 3000	31,330	< 0.1
	B-7-15	15	< 300	< 300	< 300	< 300	12,330	< 0.1
-7	B-7-20	20	N/A	N/A	N/A	N/A	N/A	N/A
-7	B-7-25	25	< 300	< 300	< 300	< 300	18,380	< 0.1
	B-7-35	35	< 3.0	< 3.0	< 3.0	< 3.0	11.7	< 0.1
	B-8-2	2	< 60	< 60	< 60	< 60	1,440	< 0.1
A-1	HA-1-2	2	< 3000	< 3000	< 3000	< 3000	30,000	< 0.1
	HA-2-10	10	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 0.1
	HA-3-4.5	4.5	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 0.1
A-4	HA-4-2	2	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 0.1

All concentrations are in mg/kg (ppm).
< Denotes concentrations below detection limits.
N/A Not applicable.

Table 2
Concentrations of Title 22 Metals in Soil

Soil Boring	*Sample Number*	*Depth (in feet)*	*An mg/kg*	*As mg/kg*	*Ba mg/kg*	*Be mg/kg*	*Ca mg/kg*	*Cr mg/kg*	*Co mg/kg*	*Cu mg/kg*
B-1	B-1-2	2	<4	55	259	1.1	<0.2	45	21.9	50.4
B-2	B-2-2	2	<4	<4	136	5.6	<0.2	<0.2	12.4	21.6
B-3	B-3-2	2	<4	45	1.27	1.1	<0.2	39.5	19.1	30.4
B-4	B-4-2	2	<4	19	111	0.6	<0.2	18.3	7.0	17.5
B-5	B-5-4	4	<4	32	119	0.7	<0.2	21.6	12.2	18.5
B-6	B-6-10	10	<4	43	224	0.8	<0.2	36.6	17.4	31.5
B-7	B-7-10	10	<4	29	193	0.7	<0.2	30.7	15.4	39.1
B-7	B-7-15	15	<4	<4	54.9	0.4	<0.2	9.4	5.3	12.1
B-7	B-7-20	20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
B-7	B-7-25	25	<4	<4	43.2	0.2	<0.2	7.8	4.4	15.0
B-7	B-7-35	35	<4	50	188	0.9	<0.2	30.4	19.4	44.3
B-8	B-8-2	2	<4	<4	148	0.6	1.0	71.1	46.2	113
HA-1	HA-1-2	2	<4	<4	111	0.6	<0.2	26.8	12.6	18.1
HA-2	HA-2-10	10	<4	<4	117	0.8	<0.2	28.7	14.4	28.1
HA-3	HA-3-4.5	4.5	<4	<4	191	1.1	<0.2	40.8	17.8	31.1
HA-4	HA-4-2	2	<4	<4	112	0.8	<0.2	24	13.1	17.2

Notes: < Denotes concentrations below detection limits
N/A Not applicable

Soil Boring	*Sample Number*	*Depth (in feet)*	*Pb mg/kg*	*Mo mg/kg*	*Hg mg/kg*	*Ni mg/kg*	*Se mg/kg*	*Ag mg/kg*	*Tl mg/kg*	*V mg/kg*	*Zn mg/kg*
B-1	B-1-2	2	31	2.4	0.02	32.2	<3.5	<0.3	<10	79.8	78.2
B-2	B-2-2	2	12	<0.4	<0.02	<0.7	<3.5	<0.3	<10	42.5	53.1
B-3	B-3-2	2	30	2.1	<0.02	25.8	<3.5	<0.3	<10	75.1	74.9
B-4	B-4-2	2	14	1.5	0.02	10.4	<3.5	<0.3	<10	32.5	40
B-5	B-5-4	4	15	<0.4	<0.02	14.8	<3.5	<0.3	<10	41.4	46.4
B-6	B-6-10	10	26	<0.4	0.04	24.5	<3.5	0.43	<10	62.1	66.7
B-7	B-7-10	10	22	<0.4	<0.02	22.9	<3.5	<0.3	<10	47.5	87.6
B-7	B-7-15	15	<3	<0.4	<0.02	7.0	<3.5	<0.3	<10	18.8	27.2
B-7	B-7-20	20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
B-7	B-7-25	25	6.0	<0.4	<0.02	6.0	<3.5	<0.3	<10	16.7	27.0
B-7	B-7-35	35	27.0	<0.4	0.09	25.5	<3.5	0.3	<10	67.9	83.2
B-8	B-8-2	2	47	36.8	0.05	100	<3.5	<0.3	<10	36.4	85.3
HA-1	HA-1-2	2	28	<0.4	0.02	13.1	<3.5	<0.3	<10	31.1	56.4
HA-2	HA-2-10	10	19	<0.4	<0.02	<0.07	<3.5	<0.3	<10	51.7	58.7
HA-3	HA-3-4.5	4.5	26	1.9	0.05	23.4	<3.5	<0.3	<10	65.9	121
HA-4	HA-4-2	2	16	<0.4	<0.02	14.7	<3.5	<0.3	<10	46.3	51.0

Notes: < Denotes concentrations below detection limits
N/A Not applicable

Table 2
Concentrations of Title 22 Metals in Soil

Soil Boring	Sample Number	Depth (in feet)	An mg/kg	Ar mg/kg	Ba mg/kg	Be mg/kg	Ca mg/kg	Cr mg/kg	Co mg/kg	Cu mg/kg
B-1	B-1-2	2	<4	55	259	1.1	<0.2	45	21.9	50.4
2	B-2-2	2	<4	<4	136	5.6	<0.2	<0.2	12.4	21.6
3	B-3-2	2	<4	45	1.27	1.1	<0.2	39.5	19.1	30.4
B-4	B-4-2	2	<4	19	111	0.6	<0.2	18.3	7.0	17.5
5	B-5-4	4	<4	32	119	0.7	<0.2	21.6	12.2	18.5
6	B-6-10	10	<4	43	224	0.8	<0.2	36.6	17.4	31.5
B-7	B-7-10	10	<4	29	193	0.7	<0.2	30.7	15.4	39.1
7	B-7-15	15	<4	<4	54.9	0.4	<0.2	9.4	5.3	12.1
7	B-7-20	20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
B-7	B-7-25	25	<4	<4	43.2	0.2	<0.2	7.8	4.4	15.0
B-7	B-7-35	35	<4	50	188	0.9	<0.2	30.4	19.4	44.3
8	B-8-2	2	<4	<4	148	0.6	1.0	71.1	46.2	113
HA-1	HA-1-2	2	<4	<4	111	0.6	<0.2	26.8	12.6	18.1
HA-2	HA-2-10	10	<4	<4	117	0.8	<0.2	28.7	14.4	28.1
A-3	HA-3-4.5	4.5	<4	<4	191	1.1	<0.2	40.8	17.8	31.1
A-4	HA-4-2	2	<4	<4	112	0.8	<0.2	24	13.1	17.2

Notes: < Denotes concentrations below detection limits
N/A Not applicable

Soil Boring	Sample Number	Depth (in feet)	Pb mg/kg	Mo mg/kg	Hg mg/kg	Ni mg/kg	Se mg/kg	Ag mg/kg	Tl mg/kg	V mg/kg	Zn mg/kg
1	B-1-2	2	31	2.4	0.02	32.2	<3.5	<0.3	<10	79.8	78.2
B-2	B-2-2	2	12	<0.4	<0.02	<0.7	<3.5	<0.3	<10	42.5	53.1
3	B-3-2	2	30	2.1	<0.02	25.8	<3.5	<0.3	<10	75.1	74.9
4	B-4-2	2	14	1.5	0.02	10.4	<3.5	<0.3	<10	32.5	40
B-5	B-5-4	4	15	<0.4	<0.02	14.8	<3.5	<0.3	<10	41.4	46.4
6	B-6-10	10	26	<0.4	0.04	24.5	<3.5	0.43	<10	62.1	66.7
7	B-7-10	10	22	<0.4	<0.02	22.9	<3.5	<0.3	<10	47.5	87.6
B-7	B-7-15	15	<3	<0.4	<0.02	7.0	<3.5	<0.3	<10	18.8	27.2
7	B-7-20	20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7	B-7-25	25	6.0	<0.4	<0.02	6.0	<3.5	<0.3	<10	16.7	27.0
B-7	B-7-35	35	27.0	<0.4	0.09	25.5	<3.5	0.3	<10	67.9	83.2
B-8	B-8-2	2	47	36.8	0.05	100	<3.5	<0.3	<10	36.4	85.3
A-1	HA-1-2	2	28	<0.4	0.02	13.1	<3.5	<0.3	<10	31.1	56.4
HA-2	HA-2-10	10	19	<0.4	<0.02	<0.07	<3.5	<0.3	<10	51.7	58.7
HA-3	HA-3-4.5	4.5	26	1.9	0.05	23.4	<3.5	<0.3	<10	65.9	121
A-4	HA-4-2	2	16	<0.4	<0.02	14.7	<3.5	<0.3	<10	46.3	51.0

Notes: < Denotes concentrations below detection limits
N/A Not applicable

Table 3

Detectable Concentrations of Volatile Organic Compounds in Soil Using EPA Method 8260

Boring	B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-7
Sample Number	B-1-2	B-2-2	B-3-2	B-4-2	B-5-4	B-6-2	B-7-10	B-7-15
Depth (in feet)	2	2	2	2	4	2	10	15
2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND
-Trimethylbenzene	ND	ND	ND	ND	ND	ND	1600	ND
3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	230	ND
-Butanone	ND	ND	ND	ND	ND	ND	ND	ND
one	ND	ND	ND	ND	ND	9.1J	240	ND
oroform	ND	ND	ND	ND	ND	ND	ND	ND
sopropylbenzene	ND	ND	ND	ND	ND	ND	65	ND
ylene Chloride	14	5.3J	9.8	9.1	6.4	7.1	43J	18
tylbenzene	ND	ND	ND	ND	ND	ND	520	ND
-Propylbenzene	ND	ND	ND	ND	ND	ND	150	ND
thalene	ND	ND	ND	ND	ND	ND	190	ND
phropyltoluene	ND	ND	ND	ND	ND	ND	570	ND
ec-Butylbenzene	ND	ND	ND	ND	ND	ND	220	ND
chloroethene	ND	ND	ND	ND	ND	ND	27J	270
ne	ND	ND	ND	ND	ND	ND	ND	ND
richloroethene	ND	ND	ND	ND	ND	ND	230	61
lorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND
e	ND	ND	ND	ND	ND	ND	40J	ND

Boring	B-7	B-7	B-7	B-8	HA-1	HA-2	HA-3	HA-4
Sample Number	B-7-20	B-7-25	B-7-35	B-8-2	HA-1-2	HA-2-10	HA-3-4.5	HA-4-2
Depth (in feet)	20	25	35	2	2	10	4.5	2
-Trichloropropane	ND	ND	ND	ND	ND	33	ND	ND
-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND
3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND
anone	ND	ND	ND	27	7.5	ND	ND	ND
one	ND	ND	ND	140	100	ND	ND	ND
hloroform	ND	2.5J	ND	ND	ND	ND	ND	ND
opylbenzene	ND	ND	ND	ND	ND	ND	ND	ND
ylene Chloride	16	14	6.3	3.8J	ND	5.5J	3.0J	2.1J
-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND
pylbenzene	ND	ND	ND	ND	ND	ND	ND	ND
halene	ND	ND	ND	ND	ND	ND	ND	ND
-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND
tylbenzene	ND	ND	ND	ND	ND	ND	ND	ND
hloroethene	470	510	ND	ND	11	ND	ND	ND
oluene	2.8	1.4J	ND	ND	ND	ND	ND	ND
richloroethene	82	72	ND	ND	ND	ND	ND	ND
orofluoromethane	3.9J	ND	ND	ND	ND	ND	ND	ND
ylene	ND	ND	ND	ND	ND	ND	ND	ND

Notes: All concentrations are in ug/kg (ppb)..

enotes nondetectable.

timated value below quantitative limit

Table 3

Detectable Concentrations of Volatile Organic Compounds in Soil Using EPA Method 8260

Boring	B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-7
Sample Number	B-1-2	B-2-2	B-3-2	B-4-2	B-5-4	B-6-2	B-7-10	B-7-15
Depth (in feet)	2	2	2	2	4	2	10	15
.2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND
.2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	1600	ND
.3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	230	ND
-Butanone	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	9.1J	240	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	ND	ND	ND	ND	ND	ND	65	ND
Methylene Chloride	14	5.3J	9.8	9.1	6.4	7.1	43J	18
-Butylbenzene	ND	ND	ND	ND	ND	ND	520	ND
-Propylbenzene	ND	ND	ND	ND	ND	ND	150	ND
Naphthalene	ND	ND	ND	ND	ND	ND	190	ND
-Isophropyltoluene	ND	ND	ND	ND	ND	ND	570	ND
ec-Butylbenzene	ND	ND	ND	ND	ND	ND	220	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	27J	270
Toluene	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	ND	ND	230	61
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND
Xylene	ND	ND	ND	ND	ND	ND	40J	ND

Boring	B-7	B-7	B-7	B-8	HA-1	HA-2	HA-3	HA-4
Sample Number	B-7-20	B-7-25	B-7-35	B-8-2	HA-1-2	HA-2-10	HA-3-4.5	HA-4-2
Depth (in feet)	20	25	35	2	2	10	4.5	2
.2,3-Trichloropropane	ND	ND	ND	ND	ND	33	ND	ND
.2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND
.3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND
-Butanone	ND	ND	ND	27	7.5	ND	ND	ND
Acetone	ND	ND	ND	140	100	ND	ND	ND
Chloroform	ND	2.5J	ND	ND	ND	ND	ND	ND
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	16	14	6.3	3.8J	ND	5.5J	3.0J	2.1J
-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND
-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND
-Isophropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND
ec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	470	510	ND	ND	11	ND	ND	ND
Toluene	2.8	1.4J	ND	ND	ND	ND	ND	ND
Trichloroethene	82	72	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	3.9J	ND	ND	ND	ND	ND	ND	ND
Xylene	ND	ND	ND	ND	ND	ND	ND	ND

Notes: All concentrations are in ug/kg (ppb)..

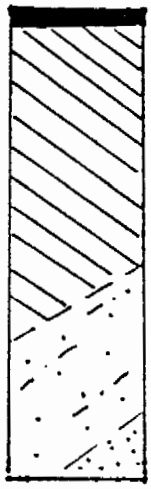
ND Denotes nondetectable.

Estimated value below quantitative limit

BORING LOGS

Property Name	Project #	Client	Date	Time
Burke Street	588-41008	Tokai Bank	August 3, 1994	8:30 AM
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
B-1	15'	Discovery	B-47 with 7" HSA	Sunny/Warm

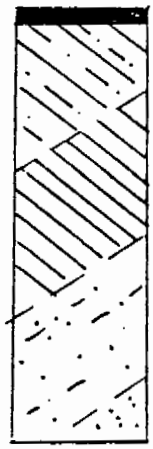
TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
					0	@3" asphalt
<0.1	<3.0	ND	39			Silty clay (CL), reddish brown, dry-moist, hard As = 53 ppm
NA	NA	ND	40		5	
NA	NA	ND	58		10	Silty fine sand, (SM) brownish yellow, dry, very dense
NA	NA	ND	94		15	Sand, medium (SP), light brown, dry, very dense
						TD @ 15' No Groundwater
					20	



no samples analyzed below 2'

Property Name	Project #	Client	Date	Time
Burke Street	588-41008	Tokai Bank	August 3, 1994	9:15 AM
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
B-2	15'	Discovery	B-47 with 7" HSA	Sunny/Warm

TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
					0	@3" asphalt
<0.1	<3.0	ND	34			Clayey silt (ML), dark gray and reddish brown, moist, dense
NA	NA	ND	44		5	Silty clay (CL), reddish brown, dry-moist, hard
NA	NA	ND	67		10	Silty fine sand (SM), reddish brown, dry, very dense
NA	NA	ND	80		15	Sand, medium (SP), light brown, moist, very dense
						TD @ 15' No Groundwater
					20	



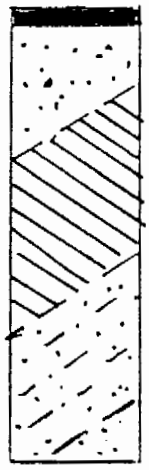
no samples analyzed below 2' bgs

Property Name	Project #	Client	Date	Time
Burke Street	588-41008	Tokai Bank	August 3, 1994	10:45 AM
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
B-3	15'	Discovery	B-47 with 7" HSA	Sunny/Warm

TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
					0	@3" asphalt Silty clay (CL), reddish brown, dry-moist, hard As = 45 ppm
<0.1	<3.0	ND	79			
NA	NA	ND	114		5	
NA	NA	ND	33		10	Silty fine sand (SM) yellowish brown, dry - moist, dense
NA	NA	ND	30		15	Sand, fine (SP), light brown, moist, medium dense to dense TD @ 15' No Groundwater
					20	

no sample. Analyzed with [illegible]

Property Name	Project #	Client	Date	Time
Burke Street	588-4I008	Tokai Bank	August 3, 1994	11:55 AM
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
B-4	15'	Discovery	B-47 with 7" HSA	Sunny/Warm

TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
					0	@3" asphalt
<0.1	<3.0	ND	120			Sand, fine - crs (SW), yellowish brown, moist, very dense, little clay, few pea gravel
NA	NA	ND	71		5	Silty clay (CL) yellowish brown, dry - moist, hard, organic odor
NA	NA	ND	79		10	Silty fine sand (SM), yellowish brown, dry - moist, very dense
NA	NA	ND	74		15	Sand, fine (SP), yellowish brown, dry - moist, very dense
						TD @ 15'
						No Groundwater
					20	

No samples analyzed [illegible]

Property Name	Project #	Client	Date	Time
Burke Street	588-41008	Tokai Bank	August 4, 1994	6:25
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
B-5	15'	Discovery	B-6' with 7" HSA	Overcast/Cool

TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
					0	@3" asphalt
<0.1	<3.0	ND	9			Clayey silt (ML), reddish brown, moist, loose
NA	NA	ND	NA		5	
NA	NA	ND	24		10	Silty fine sand (SM), reddish brown, moist, medium dense
NA	NA	ND	NA		15	Sand, fine (SP), light brown, dry - moist
						TD @ 15'
						No Groundwater
					20	

[illegible] samples [illegible]
4' OG

Property Name	Project #	Client	Date	Time
Burke Street	588-41008	Tokai Bank	August 3, 1994	7:48
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
B-6	15'	Discovery	B-6' with 7" HSA	Sunny/Hot

TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
					0	@3" asphalt Sandy clay (CL), reddish brown, moist, very stiff, plastic
NA	NA	ND	17			
NA	NA	ND	16		5	
<0.1	<3.0	ND	39		10	Silty fine sand (SM), yellowish brown, moist, dense As = 43ppm 8260 = ND
NA	NA	ND	58		15	Sand, fine (SP), light brown, dry - moist, very dense
						TD @ 15' No Groundwater
					20	

Property Name	Project #	Client	Date	Time
Burke Street	588-41008	Tokai Bank	August 3, 1994	8: 40
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
B-7	35'	Discovery	B-6' with 7" HSA	Sunny/Warm

TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
					0	@3" asphalt
NA	NA	ND	20			Sandy clay (CL), reddish brown, moist, very stiff,
NA	NA	ND	22		5	Silty
159	31,330	20.0	22		10	Sandy silt (ML), greenish gray, moist, medium dense, strong hydrocarbon odor TCE = 230 ppb PCE = 21 ppb
<1.0	12,330	ND	NA		15	Sand, fine - medium (SP), light brown, moist slight hydrocarbon odor TCE = 61 ppb PCE = 270 ppb
NA	NA	ND	76		20	TCE = 82 ppm PCE = 470 ppm
<1.0	18,380	ND	120		25	No odor TCE = 72 ppm PCE = 56 ppm
NA	NA	ND	120		30	
<1.0	11.7	ND	30		35	Silty clay (CL), yellowish brown, moist, very stiff - hard, plastic PCE = ND TCE = ND

TD @ 35'
No Groundwater

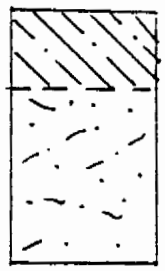
GW at 47-55' bgs!

Property Name	Project #	Client	Date	Time
Burke Street	588-41008	Tokai Bank	August 3, 1994	11:16
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
B-8	15'	Discovery	B-61 with 7" HSA	Sunny/Warm

TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
<0.1	1,440	ND	100		0	Sandy clay (CL), reddish brown, moist, hard, slight hydrocarbon odor
NA	NA	ND	39		5	Hydrocarbon odor
NA	NA	ND	24		10	Silty fine sand (SM), reddish brown, dry, medium dense
NA	NA	ND	39		15	Sand, fine (SP), light brown, dry - moist, dense
						TD @ 15' No Groundwater

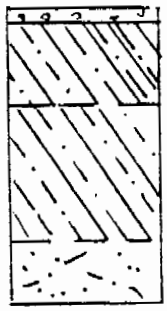
No sample analyzed below 10.5

Property Name	Project #	Client	Date	Time
Burke Street	588-41008	Tokai Bank	August 3, 1994	12:00
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
HA-1	8'	PSI	Hand Auger	Sunny & Hot

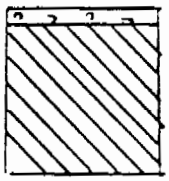
TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
<0.1	30,000	ND	NA		0	Sandy silt (ML), dark brown, dark gray, moist, slight hydrocarbon odor @3' silty fine sand, reddish brown, moist
NA	NA	ND	NA		5	
NA	NA	ND	NA		10	
						TD @ 8' No Groundwater

NO SULFURE [illegible]

Property Name	Project #	Client	Date	Time
Burke Street	588-4I008	Tokai Bank	August 3, 1994	14:00
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
HA-2	10'	PSI	Hand Auger	Sunny & Hot

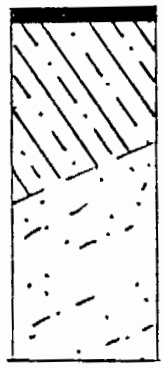
TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
NA	NA	ND	NA		0	@3" concrete Sandy silt (ML), dark brown, moist, dense
NA	NA	ND	NA		5	Silt (ML) reddish brown, moist, dense
<0.1	<3.0	ND	NA		10	Silty fine sand (SM), brown, moist, dense
						TD @ 10' No Groundwater
					15	

Property Name	Project #	Client	Date	Time
Burke Street	588-41008	Tokai Bank	August 3, 1994	3:00
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
HA-3	4.5'	PSI	Hand Auger	Sunny/Hot

TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
					0	@3" concrete, approximately 6" of void space beneath concrete
NA	NA	ND	NA			Silty clay (CL), mottled reddish brown and dark gray, moist, very stiff
<0.1	<3.0	ND	NA		5	Refusal, metal obstruction
					10	
						TD @ 4.5' No Groundwater

Property Name	Project #	Client	Date	Time
Burke Street	588-41008	Tokai Bank	August 3, 1994	12:50
Boring #	**Total Depth**	**Driller**	**Equipment Used**	**Weather**
HA-4	10'	PSI	Hand Auger	Sunny/Hot

TPH(g) (ppm)	TPH (Lub. Oil) (ppm)	PID (ppm)	Blow Counts (per ft.)	Graphic Log	Depth (feet)	
					0	@3" asphalt
<0.1	<3.0	ND	NA			Sandy silt (ML), reddish brown, moist
NA	NA	ND	NA		5	Silty fine sand (SM), yellowish brown, moist, very dense
NA	NA	ND	NA		10	



TD @ 10'
No Groundwater

LABORATORY RESULTS

Professional Service Industries, Inc.

ANALYTICAL REPORT

TESTED FOR: Professional Service Industries, Inc.
500 West Central Ave, Suite A
Brea, CA 92621

PROJECT: 11630-11700 Burke Street
PROJECT NUMBER: 588-4I008
PAGE: 1

ATTENTION: Glenn Hilton

DATE: August 10, 1994

OUR REPORT NUMBER: 5940P588-36324

Attached, please find our analytical report for samples described on the Chain-of-Custody Record. Please reference our report number and direct any questions regarding this report to the individual designated below or to one of our Customer Service Representatives.

Respectfully Submitted,
Professional Service Industries, Inc.

Lawrence Environmental
Chemistry Manager

8/10/94
Date

4820 West 15th Street • Lawrence, KS 66049 • Phone: 913/749-2381 • Fax: 913/865-9587

PROFESSIONAL SERVICE INDUSTRIES, INC.
4820 West 15th St., Lawrence, KS 66049

PROJECT: 11630-11700 Burke Street
PROJECT NUMBER: 588-41008

Batch #: 36324
Matrix: Soil

Analyte	Results	Units	Method	Analysis Date	Analyst	MDL
Client Sample #: B-1-2						
Our Sample #: 837688						
Antimony	<4	mg/kg	6010	8-09-94	KK	4
Arsenic	55	mg/kg	6010	8-09-94	KK	4
Barium	259	mg/kg	6010	8-09-94	KK	0.1
Beryllium	1.1	mg/kg	6010	8-09-94	KK	0.1
Cadmium	<0.2	mg/kg	6010	8-09-94	KK	0.2
Chromium	45	mg/kg	6010	8-09-94	KK	0.2
Cobalt	21.9	mg/kg	6010	8-09-94	KK	0.3
Copper	50.4	mg/kg	6010	8-09-94	KK	0.4
Lead	31	mg/kg	6010	8-09-94	KK	3
Molybdenum	2.4	mg/kg	6010	8-09-94	KK	0.4
Mercury	0.02	mg/kg	7471	8-08-94	RK	0.02
Nickel	32.2	mg/kg	6010	8-09-94	KK	0.7
Selenium	<3.5	mg/kg	6010	8-09-94	KK	3.5
Silver	<0.3	mg/kg	6010	8-09-94	KK	0.3
Thallium	<10	mg/kg	6010	8-09-94	KK	10
Vanadium	79.8	mg/kg	6010	8-09-94	KK	0.1
Zinc	78.2	mg/kg	6010	8-09-94	KK	0.2
TPH	<125	ug/kg	5030/8015	8-09-94	MB	125
TPH - EXTRACTABLE						
Gasoline Range	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Kerosene	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Mineral Spirits	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Diesel Range	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Lubrication Oil	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Surrogate Recovery = 92%						

PROFESSIONAL SERVICE INDUSTRIES, INC.
4820 West 15th St., Lawrence, KS 66049

PROJECT: 11630-11700 Burke Street
PROJECT NUMBER: 588-4I008

Batch #: 36324
Matrix: Soil

Analyte	Results	Units	Method	Analysis Date	Analyst	MDL
Client Sample #: B-2-2						
Our Sample #: 837692						
Antimony	<4	mg/kg	6010	8-09-94	KK	4
Arsenic	<4	mg/kg	6010	8-09-94	KK	4
Barium	136	mg/kg	6010	8-09-94	KK	0.1
Beryllium	5.6	mg/kg	6010	8-09-94	KK	0.1
Cadmium	<0.2	mg/kg	6010	8-09-94	KK	0.2
Chromium	<0.2	mg/kg	6010	8-09-94	KK	0.2
Cobalt	12.4	mg/kg	6010	8-09-94	KK	0.3
Copper	21.6	mg/kg	6010	8-09-94	KK	0.4
Lead	12	mg/kg	6010	8-09-94	KK	3
Molybdenum	<0.4	mg/kg	6010	8-09-94	KK	0.4
Mercury	<0.02	mg/kg	7471	8-08-94	RK	0.02
Nickel	<0.7	mg/kg	6010	8-09-94	KK	0.7
Selenium	<3.5	mg/kg	6010	8-09-94	KK	3.5
Silver	<0.3	mg/kg	6010	8-09-94	KK	0.3
Thallium	<10	mg/kg	6010	8-09-94	KK	10
Vanadium	42.5	mg/kg	6010	8-09-94	KK	0.1
Zinc	53.1	mg/kg	6010	8-09-94	KK	0.2
TPH	<125	ug/kg	5030/8015	8-09-94	MB	125
TPH - EXTRACTABLE						
Gasoline Range	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Kerosene	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Mineral Spirits	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Diesel Range	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Lubrication Oil	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Surrogate Recovery = 100%						

PROFESSIONAL SERVICE INDUSTRIES, INC.
4820 West 15th St., Lawrence, KS 66049

PROJECT: 11630-11700 Burke Street
PROJECT NUMBER: 588-4I008
PAGE: 4

Batch #: 36324
Matrix: Soil

Analyte	Results	Units	Method	Analysis Date	Analyst	MDL
Client Sample #: B-3-2						
Our Sample #: 837696						
Antimony	<4	mg/kg	6010	8-09-94	KK	4
Arsenic	45	mg/kg	6010	8-09-94	KK	4
Barium	127	mg/kg	6010	8-09-94	KK	0.1
Beryllium	1.1	mg/kg	6010	8-09-94	KK	0.1
Cadmium	<0.2	mg/kg	6010	8-09-94	KK	0.2
Chromium	39.5	mg/kg	6010	8-09-94	KK	0.2
Cobalt	19.1	mg/kg	6010	8-09-94	KK	0.3
Copper	30.4	mg/kg	6010	8-09-94	KK	0.4
Lead	30	mg/kg	6010	8-09-94	KK	3
Molybdenum	2.1	mg/kg	6010	8-09-94	KK	0.4
Mercury	<0.02	mg/kg	7471	8-08-94	RK	0.02
Nickel	25.8	mg/kg	6010	8-09-94	KK	0.7
Selenium	<3.5	mg/kg	6010	8-09-94	KK	3.5
Silver	<0.3	mg/kg	6010	8-09-94	KK	0.3
Thallium	<10	mg/kg	6010	8-09-94	KK	10
Vanadium	75.1	mg/kg	6010	8-09-94	KK	0.1
Zinc	74.9	mg/kg	6010	8-09-94	KK	0.2
TPH	<125	ug/kg	5030/8015	8-09-94	MB	125
TPH - EXTRACTABLE						
Gasoline Range	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Kerosene	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Mineral Spirits	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Diesel Range	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Lubrication Oil	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Surrogate Recovery = 98%						

PROFESSIONAL SERVICE INDUSTRIES, INC.
4820 West 15th St., Lawrence, KS 66049

PROJECT: 11630-11700 Burke Street
PROJECT NUMBER: 588-41008

Batch #: 36324
Matrix: Soil

Analyte	Results	Units	Method	Analysis Date	Analyst	MDL
Client Sample #: B-4-2						
Our Sample #: 837700						
Antimony	<4	mg/kg	6010	8-09-94	KK	4
Arsenic	19	mg/kg	6010	8-09-94	KK	4
Barium	111	mg/kg	6010	8-09-94	KK	0.1
Beryllium	0.6	mg/kg	6010	8-09-94	KK	0.1
Cadmium	<0.2	mg/kg	6010	8-09-94	KK	0.2
Chromium	18.3	mg/kg	6010	8-09-94	KK	0.2
Cobalt	7.0	mg/kg	6010	8-09-94	KK	0.3
Copper	17.5	mg/kg	6010	8-09-94	KK	0.4
Lead	14	mg/kg	6010	8-09-94	KK	3
Molybdenum	1.5	mg/kg	6010	8-09-94	KK	0.4
Mercury	0.02	mg/kg	7471	8-08-94	RK	0.02
Nickel	10.4	mg/kg	6010	8-09-94	KK	0.7
Selenium	<3.5	mg/kg	6010	8-09-94	KK	3.5
Silver	<0.3	mg/kg	6010	8-09-94	KK	0.3
Thallium	<10	mg/kg	6010	8-09-94	KK	10
Vanadium	32.5	mg/kg	6010	8-09-94	KK	0.1
Zinc	40	mg/kg	6010	8-09-94	KK	0.2
TPH	<125	ug/kg	5030/8015	8-09-94	MB	125
TPH - EXTRACTABLE						
Gasoline Range	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Kerosene	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Mineral Spirits	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Diesel Range	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Lubrication Oil	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Surrogate Recovery = 108%						

PROFESSIONAL SERVICE INDUSTRIES, INC.
4820 West 15th St., Lawrence, KS 66049

Batch #: 36324
Matrix: Soil

Analyte	Results	Units	Method	Analysis Date	Analyst	MDL
Client Sample #: B-5-4						
Our Sample #: 837704						
Antimony	<4	mg/kg	6010	8-09-94	KK	4
Arsenic	32	mg/kg	6010	8-09-94	KK	4
Barium	119	mg/kg	6010	8-09-94	KK	0.1
Beryllium	0.7	mg/kg	6010	8-09-94	KK	0.1
Cadmium	<0.2	mg/kg	6010	8-09-94	KK	0.2
Chromium	21.6	mg/kg	6010	8-09-94	KK	0.2
Cobalt	12.2	mg/kg	6010	8-09-94	KK	0.3
Copper	18.5	mg/kg	6010	8-09-94	KK	0.4
Lead	15	mg/kg	6010	8-09-94	KK	3
Molybdenum	<0.4	mg/kg	6010	8-09-94	KK	0.4
Mercury	<0.02	mg/kg	7471	8-08-94	RK	0.02
Nickel	14.8	mg/kg	6010	8-09-94	KK	0.7
Selenium	<3.5	mg/kg	6010	8-09-94	KK	3.5
Silver	<0.3	mg/kg	6010	8-09-94	KK	0.3
Thallium	<10	mg/kg	6010	8-09-94	KK	10
Vanadium	41.4	mg/kg	6010	8-09-94	KK	0.1
Zinc	46.4	mg/kg	6010	8-09-94	KK	0.2
TPH	<125	ug/kg	5030/8015	8-09-94	MB	125
TPH - EXTRACTABLE						
Gasoline Range	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Kerosene	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Mineral Spirits	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Diesel Range	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Lubrication Oil	11.7	mg/kg	3550/8015	8-07-94	SD	3.0

Surrogate Recovery = 72%

Batch #: 36324
Matrix: Soil

Analyte	Results	Units	Method	Analysis Date	Analyst	MDL
Client Sample #: B-6-10						
Our Sample #: 837710						
Antimony	<4	mg/kg	6010	8-09-94	KK	4
Arsenic	43	mg/kg	6010	8-09-94	KK	4
Barium	224	mg/kg	6010	8-09-94	KK	0.1
Beryllium	0.8	mg/kg	6010	8-09-94	KK	0.1
Cadmium	<0.2	mg/kg	6010	8-09-94	KK	0.2
Chromium	36.6	mg/kg	6010	8-09-94	KK	0.2
Cobalt	17.4	mg/kg	6010	8-09-94	KK	0.3
Copper	31.5	mg/kg	6010	8-09-94	KK	0.4
Lead	26	mg/kg	6010	8-09-94	KK	3
Molybdenum	<0.4	mg/kg	6010	8-09-94	KK	0.4
Mercury	0.04	mg/kg	7471	8-08-94	RK	0.02
Nickel	24.5	mg/kg	6010	8-09-94	KK	0.7
Selenium	<3.5	mg/kg	6010	8-09-94	KK	3.5
Silver	0.4	mg/kg	6010	8-09-94	KK	0.3
Thallium	<10	mg/kg	6010	8-09-94	KK	10
Vanadium	62.1	mg/kg	6010	8-09-94	KK	0.1
Zinc	66.7	mg/kg	6010	8-09-94	KK	0.2
TPH	<125	ug/kg	5030/8015	8-09-94	MB	125
TPH - EXTRACTABLE						
Gasoline Range	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Kerosene	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Mineral Spirits	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Diesel Range	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Lubrication Oil	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Surrogate Recovery = 96%						

PROFESSIONAL SERVICE INDUSTRIES, INC.
4820 West 15th St., Lawrence, KS 66049

PROJECT: 11630-11700 Burke Street
PROJECT NUMBER: 588-4I008

Batch #: 36324
Matrix: Soil

Analyte	Results	Units	Method	Analysis Date	Analyst	MDL
Client Sample #: B-7-10						
Our Sample #: 837714						
Antimony	<4	mg/kg	6010	8-09-94	KK	4
Arsenic	29	mg/kg	6010	8-09-94	KK	4
Barium	193	mg/kg	6010	8-09-94	KK	0.1
Beryllium	0.7	mg/kg	6010	8-09-94	KK	0.1
Cadmium	<0.2	mg/kg	6010	8-09-94	KK	0.2
Chromium	30.7	mg/kg	6010	8-09-94	KK	0.2
Cobalt	15.4	mg/kg	6010	8-09-94	KK	0.3
Copper	39.1	mg/kg	6010	8-09-94	KK	0.4
Lead	22	mg/kg	6010	8-09-94	KK	3
Molybdenum	<0.4	mg/kg	6010	8-09-94	KK	0.4
Mercury	<0.02	mg/kg	7471	8-08-94	RK	0.02
Nickel	22.9	mg/kg	6010	8-09-94	KK	0.7
Selenium	<3.5	mg/kg	6010	8-09-94	KK	3.5
Silver	<0.3	mg/kg	6010	8-09-94	KK	0.3
Thallium	<10	mg/kg	6010	8-09-94	KK	10
Vanadium	47.5	mg/kg	6010	8-09-94	KK	0.1
Zinc	87.6	mg/kg	6010	8-09-94	KK	0.2
TPH	159,000	ug/kg	5030/8015	8-09-94	MB	25,000
TPH - EXTRACTABLE						
Gasoline Range	< 3,000	mg/kg	3550/8015	8-07-94	SD	3,000
Kerosene	< 3,000	mg/kg	3550/8015	8-07-94	SD	3,000
Mineral Spirits	< 3,000	mg/kg	3550/8015	8-07-94	SD	3,000
Diesel Range	< 3,000	mg/kg	3550/8015	8-07-94	SD	3,000
Lubrication Oil	31,330*	mg/kg	3550/8015	8-07-94	SD	3,000

* = Early Lubrication Oil Range Hydrocarbons.

PROFESSIONAL SERVICE INDUSTRIES, INC.
4820 West 15th St., Lawrence, KS 66049

Batch #: 36324
Matrix: Soil

Analyte	Results	Units	Method	Analysis Date	Analyst	MDL
Client Sample #: B-7-15						
Our Sample #: 837715						
Antimony	<4	mg/kg	6010	8-09-94	KK	4
Arsenic	<4	mg/kg	6010	8-09-94	KK	4
Barium	54.9	mg/kg	6010	8-09-94	KK	0.1
Beryllium	0.4	mg/kg	6010	8-09-94	KK	0.1
Cadmium	<0.2	mg/kg	6010	8-09-94	KK	0.2
Chromium	9.4	mg/kg	6010	8-09-94	KK	0.2
Cobalt	5.3	mg/kg	6010	8-09-94	KK	0.3
Copper	12.1	mg/kg	6010	8-09-94	KK	0.4
Lead	<3	mg/kg	6010	8-09-94	KK	3
Molybdenum	<0.4	mg/kg	6010	8-09-94	KK	0.4
Mercury	<0.02	mg/kg	7471	8-08-94	RK	0.02
Nickel	7.0	mg/kg	6010	8-09-94	KK	0.7
Selenium	<3.5	mg/kg	6010	8-09-94	KK	3.5
Silver	<0.3	mg/kg	6010	8-09-94	KK	0.3
Thallium	<10	mg/kg	6010	8-09-94	KK	10
Vanadium	18.8	mg/kg	6010	8-09-94	KK	0.1
Zinc	27.2	mg/kg	6010	8-09-94	KK	0.2
TPH	<125	ug/kg	5030/8015	8-09-94	MB	125
TPH - EXTRACTABLE						
Gasoline Range	< 300	mg/kg	3550/8015	8-07-94	SD	300
Kerosene	< 300	mg/kg	3550/8015	8-07-94	SD	300
Mineral Spirits	< 300	mg/kg	3550/8015	8-07-94	SD	300
Diesel Range	< 300	mg/kg	3550/8015	8-07-94	SD	300
Lubrication Oil	12,330*	mg/kg	3550/8015	8-07-94	SD	300

* = Early Lubrication Oil Range Hydrocarbons.

PROFESSIONAL SERVICE INDUSTRIES, INC.
4820 West 15th St., Lawrence, KS 66049

PROJECT: 11630-11700 Burke Street
PROJECT NUMBER: 588-4I008

Batch #: 36324
Matrix: Soil

Analyte	Results	Units	Method	Analysis Date	Analyst	MDL
Client Sample #: B-7-25						
Our Sample #: 837717						
Antimony	<4	mg/kg	6010	8-09-94	KK	4
Arsenic	<4	mg/kg	6010	8-09-94	KK	4
Barium	43.2	mg/kg	6010	8-09-94	KK	0.1
Beryllium	0.2	mg/kg	6010	8-09-94	KK	0.1
Cadmium	<0.2	mg/kg	6010	8-09-94	KK	0.2
Chromium	7.8	mg/kg	6010	8-09-94	KK	0.2
Cobalt	4.4	mg/kg	6010	8-09-94	KK	0.3
Copper	15.0	mg/kg	6010	8-09-94	KK	0.4
Lead	6	mg/kg	6010	8-09-94	KK	3
Molybdenum	<0.4	mg/kg	6010	8-09-94	KK	0.4
Mercury	<0.02	mg/kg	7471	8-08-94	RK	0.02
Nickel	6.0	mg/kg	6010	8-09-94	KK	0.7
Selenium	<3.5	mg/kg	6010	8-09-94	KK	3.5
Silver	<0.3	mg/kg	6010	8-09-94	KK	0.3
Thallium	<10	mg/kg	6010	8-09-94	KK	10
Vanadium	16.7	mg/kg	6010	8-09-94	KK	0.1
Zinc	27.0	mg/kg	6010	8-09-94	KK	0.2
TPH	<125	ug/kg	5030/8015	8-09-94	MB	125
TPH - EXTRACTABLE						
Gasoline Range	< 300	mg/kg	3550/8015	8-07-94	SD	300
Kerosene	< 300	mg/kg	3550/8015	8-07-94	SD	300
Mineral Spirits	< 300	mg/kg	3550/8015	8-07-94	SD	300
Diesel Range	< 300	mg/kg	3550/8015	8-07-94	SD	300
Lubrication Oil	18,380*	mg/kg	3550/8015	8-07-94	SD	300

* = Early Lubrication Oil Range Hydrocarbons.

Batch #: 36324
Matrix: Soil

Analyte	Results	Units	Method	Analysis Date	Analyst	MDL
Client Sample #: B-7-35						
Our Sample #: 837719						
Antimony	<4	mg/kg	6010	8-09-94	KK	4
Arsenic	50	mg/kg	6010	8-09-94	KK	4
Barium	188	mg/kg	6010	8-09-94	KK	0.1
Beryllium	0.9	mg/kg	6010	8-09-94	KK	0.1
Cadmium	<0.2	mg/kg	6010	8-09-94	KK	0.2
Chromium	30.4	mg/kg	6010	8-09-94	KK	0.2
Cobalt	19.4	mg/kg	6010	8-09-94	KK	0.3
Copper	44.3	mg/kg	6010	8-09-94	KK	0.4
Lead	27	mg/kg	6010	8-09-94	KK	3
Molybdenum	<0.4	mg/kg	6010	8-09-94	KK	0.4
Mercury	0.09	mg/kg	7471	8-08-94	RK	0.02
Nickel	25.5	mg/kg	6010	8-09-94	KK	0.7
Selenium	<3.5	mg/kg	6010	8-09-94	KK	3.5
Silver	0.3	mg/kg	6010	8-09-94	KK	0.3
Thallium	<10	mg/kg	6010	8-09-94	KK	10
Vanadium	67.9	mg/kg	6010	8-09-94	KK	0.1
Zinc	83.2	mg/kg	6010	8-09-94	KK	0.2
TPH	<125	ug/kg	5030/8015	8-09-94	MB	125
TPH - EXTRACTABLE						
Gasoline Range	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Kerosene	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Mineral Spirits	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Diesel Range	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Lubrication Oil	11.7*	mg/kg	3550/8015	8-07-94	SD	3.0
Surrogate Recovery = 99%						

* = Early Lubrication Oil Range Hydrocarbons.

PROFESSIONAL SERVICE INDUSTRIES, INC.
4820 West 15th St., Lawrence, KS 66049

Batch #: 36324
Matrix: Soil

Analyte	Results	Units	Method	Analysis Date	Analyst	MDL
Client Sample #: B-8-2						
Our Sample #: 837720						
Antimony	<4	mg/kg	6010	8-09-94	KK	4
Arsenic	<4	mg/kg	6010	8-09-94	KK	4
Barium	148	mg/kg	6010	8-09-94	KK	0.1
Beryllium	0.6	mg/kg	6010	8-09-94	KK	0.1
Cadmium	1.0	mg/kg	6010	8-09-94	KK	0.2
Chromium	71.1	mg/kg	6010	8-09-94	KK	0.2
Cobalt	46.2	mg/kg	6010	8-09-94	KK	0.3
Copper	113	mg/kg	6010	8-09-94	KK	0.4
Lead	47	mg/kg	6010	8-09-94	KK	3
Molybdenum	36.8	mg/kg	6010	8-09-94	KK	0.4
Mercury	0.05	mg/kg	7471	8-08-94	RK	0.02
Nickel	100	mg/kg	6010	8-09-94	KK	0.7
Selenium	<3.5	mg/kg	6010	8-09-94	KK	3.5
Silver	<0.3	mg/kg	6010	8-09-94	KK	0.3
Thallium	<10	mg/kg	6010	8-09-94	KK	10
Vanadium	36.4	mg/kg	6010	8-09-94	KK	0.1
Zinc	85.3	mg/kg	6010	8-09-94	KK	0.2
TPH - purge	<125	ug/kg	5030/8015	8-09-94	MB	125
TPH - EXTRACTABLE						
Gasoline Range	< 60	mg/kg	3550/8015	8-07-94	SD	60
Kerosene	< 60	mg/kg	3550/8015	8-07-94	SD	60
Mineral Spirits	< 60	mg/kg	3550/8015	8-07-94	SD	60
Diesel Range	< 60	mg/kg	3550/8015	8-07-94	SD	60
Lubrication Oil	1,440*	mg/kg	3550/8015	8-07-94	SD	60

* = Early Lubrication Oil Range Hydrocarbons.

Professional Service Industries
4820 West 15th Street
Lawrence, KS 66044

Report #: 5940P588:36324

PSI-LA

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837715 : B-7-15**

Extracted: 08/08/94 Analysed: 08/08/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
Dichlorodifluoromethane	< 1.3	1.3	6.3
Chloromethane	< 2.6	2.6	13
Vinyl Chloride	< 2.6	2.6	13
Bromomethane	< 2.6	2.6	13
Chloroethane	< 2.6	2.6	13
Trichlorofluoromethane	< 1.3	1.3	6.3
1,1-Dichloroethene	< 1.3	1.3	6.3
Acetone	< 2.6	2.6	13
Carbon Disulfide	< 1.3	1.3	6.3
Methylene Chloride	18	1.3	6.3
tert-Butyl methyl ether	< 1.3	1.3	6.3
tert-Butyl alcohol	< 26	26	130
Di-isopropyl ether	< 1.3	1.3	6.3
trans-1,2-Dichloroethene	< 1.3	1.3	6.3
1,1-Dichloroethane	< 1.3	1.3	6.3
2,2-Dichloropropane	< 1.3	1.3	6.3
cis-1,2-Dichloroethene	< 1.3	1.3	6.3
2-Butanone	< 2.6	2.6	13
Chloroform	< 1.3	1.3	6.3
Bromochloromethane	< 1.3	1.3	6.3
1,1,1-Trichloroethane	< 1.3	1.3	6.3
Carbon Tetrachloride	< 1.3	1.3	6.3
1,1-Dichloropropene	< 1.3	1.3	6.3
Benzene	< 1.3	1.3	6.3
1,2-Dichloroethane	< 1.3	1.3	6.3
Trichloroethene	61	1.3	6.3
1,2-Dichloropropane	< 1.3	1.3	6.3
Bromodichloromethane	< 1.3	1.3	6.3
Dibromomethane	< 1.3	1.3	6.3
4-Methyl-2-Pentanone	< 2.6	2.6	13
Toluene	< 1.3	1.3	6.3
1,1,2-Trichloroethane	< 1.3	1.3	6.3
1,2-Dibromoethane	< 1.3	1.3	6.3
cis-1,3-Dichloropropene	< 1.3	1.3	6.3
trans-1,3-Dichloropropene	< 1.3	1.3	6.3
1,3-Dichloropropane	< 1.3	1.3	6.3
2-Hexanone	< 2.6	2.6	13
Dibromochloromethane	< 1.3	1.3	6.3
Tetrachloroethene	270	1.3	6.3
Chlorobenzene	< 1.3	1.3	6.3

J : Estimated value below Method Quantitation Limit

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837715 : B-7-15**

Extracted: 08/08/94 Analysed: 08/08/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
1,1,1,2-Tetrachloroethane	< 1.3	1.3	6.3
Ethylbenzene	< 1.3	1.3	6.3
Xylene (m-,p-)	< 1.3	1.3	6.3
o-Xylene	< 1.3	1.3	6.3
Styrene	< 1.3	1.3	6.3
Bromoform	< 1.3	1.3	6.3
Isopropylbenzene	< 1.3	1.3	6.3
1,1,2,2-Tetrachloroethane	< 1.3	1.3	6.3
Bromobenzene	< 1.3	1.3	6.3
1,2,3-Trichloropropane	< 1.3	1.3	6.3
n-Propylbenzene	< 1.3	1.3	6.3
2-Chlorotoluene	< 1.3	1.3	6.3
1,3,5-Trimethylbenzene	< 1.3	1.3	6.3
4-Chlorotoluene	< 1.3	1.3	6.3
tert-Butylbenzene	< 1.3	1.3	6.3
1,2,4-Trimethylbenzene	< 1.3	1.3	6.3
sec-Butylbenzene	< 1.3	1.3	6.3
p-Isopropyltoluene	< 1.3	1.3	6.3
1,3-Dichlorobenzene	< 1.3	1.3	6.3
1,4-Dichlorobenzene	< 1.3	1.3	6.3
n-Butylbenzene	< 1.3	1.3	6.3
1,2-Dichlorobenzene	< 1.3	1.3	6.3
1,2-Dibromo-3-Chloropropane	< 1.3	1.3	6.3
1,2,4,-Trichlorobenzene	< 1.3	1.3	6.3
Hexachlorobutadiene	< 1.3	1.3	6.3
Naphthalene	< 1.3	1.3	6.3
1,2,3-Trichlorobenzene	< 1.3	1.3	6.3

J : Estimated value below Method Quantitation Limit

Professional Service Industries
4820 West 15th Street
Lawrence, KS 66044

Report #: 5940P588:36324

PSI-LA

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837717 : B-7-20**

Extracted: 08/09/94 Analysed: 08/09/94

Compound	Conc.		Acceptable Method Det. Limit	Method Quant. Limit
Dichlorodifluoromethane	< 2.6		2.6	13
Chloromethane	< 5.0		5.0	25
Vinyl Chloride	< 5.0		5.0	25
Bromomethane	< 5.0		5.0	25
Chloroethane	< 5.0		5.0	25
Trichlorofluoromethane	3.9	J	2.6	13
1,1-Dichloroethene	< 2.6		2.6	13
Acetone	< 5.0		5.0	25
Carbon Disulfide	< 2.6		2.6	13
Methylene Chloride	16		2.6	13
tert-Butyl methyl ether	< 2.6		2.6	13
tert-Butyl alcohol	< 50		50	250
Di-isopropyl ether	< 2.6		2.6	13
trans-1,2-Dichloroethene	< 2.6		2.6	13
1,1-Dichloroethane	< 2.6		2.6	13
2,2-Dichloropropane	< 2.6		2.6	13
cis-1,2-Dichloroethene	< 2.6		2.6	13
2-Butanone	< 5.0		5.0	25
Chloroform	< 2.6		2.6	13
Bromochloromethane	< 2.6		2.6	13
1,1,1-Trichloroethane	< 2.6		2.6	13
Carbon Tetrachloride	< 2.6		2.6	13
1,1-Dichloropropene	< 2.6		2.6	13
Benzene	< 2.6		2.6	13
1,2-Dichloroethane	< 2.6		2.6	13
Trichloroethene	82		2.6	13
1,2-Dichloropropane	< 2.6		2.6	13
Bromodichloromethane	< 2.6		2.6	13
Dibromomethane	< 2.6		2.6	13
4-Methyl-2-Pentanone	< 5.0		5.0	25
Toluene	2.8	J	2.6	13
1,1,2-Trichloroethane	< 2.6		2.6	13
1,2-Dibromoethane	< 2.6		2.6	13
cis-1,3-Dichloropropene	< 2.6		2.6	13
trans-1,3-Dichloropropene	< 2.6		2.6	13
1,3-Dichloropropane	< 2.6		2.6	13
2-Hexanone	< 5.0		5.0	25
Dibromochloromethane	< 2.6		2.6	13
Tetrachloroethene	470		2.6	13
Chlorobenzene	< 2.6		2.6	13

J : Estimated value below Method Quantitation Limit

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837717 : B-7-20**

Extracted: 08/09/94 Analysed: 08/09/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
1,1,1,2-Tetrachloroethane	< 2.6	2.6	13
Ethylbenzene	< 2.6	2.6	13
Xylene (m-,p-)	< 2.6	2.6	13
o-Xylene	< 2.6	2.6	13
Styrene	< 2.6	2.6	13
Bromoform	< 2.6	2.6	13
Isopropylbenzene	< 2.6	2.6	13
1,1,2,2-Tetrachloroethane	< 2.6	2.6	13
Bromobenzene	< 2.6	2.6	13
1,2,3-Trichloropropane	< 2.6	2.6	13
n-Propylbenzene	< 2.6	2.6	13
2-Chlorotoluene	< 2.6	2.6	13
1,3,5-Trimethylbenzene	< 2.6	2.6	13
4-Chlorotoluene	< 2.6	2.6	13
tert-Butylbenzene	< 2.6	2.6	13
1,2,4-Trimethylbenzene	< 2.6	2.6	13
sec-Butylbenzene	< 2.6	2.6	13
p-Isopropyltoluene	< 2.6	2.6	13
1,3-Dichlorobenzene	< 2.6	2.6	13
1,4-Dichlorobenzene	< 2.6	2.6	13
n-Butylbenzene	< 2.6	2.6	13
1,2-Dichlorobenzene	< 2.6	2.6	13
1,2-Dibromo-3-Chloropropane	< 2.6	2.6	13
1,2,4,-Trichlorobenzene	< 2.6	2.6	13
Hexachlorobutadiene	< 2.6	2.6	13
Naphthalene	< 2.6	2.6	13
1,2,3-Trichlorobenzene	< 2.6	2.6	13

J : Estimated value below Method Quantitation Limit

Professional Service Industries
4820 West 15th Street
Lawrence, KS 66044

Report #: 5940P588:36324

PSI-LA

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837717 : B-7-25**

Extracted: 08/08/94 Analysed: 08/08/94

Compound		Conc.		Acceptable Method Det. Limit	Method Quant. Limit
Dichlorodifluoromethane	<	1.3		1.3	6.3
Chloromethane	<	2.6		2.6	13
Vinyl Chloride	<	2.6		2.6	13
Bromomethane	<	2.6		2.6	13
Chloroethane	<	2.6		2.6	13
Trichlorofluoromethane	<	1.3		1.3	6.3
1,1-Dichloroethene	<	1.3		1.3	6.3
Acetone	<	2.6		2.6	13
Carbon Disulfide	<	1.3		1.3	6.3
Methylene Chloride		14		1.3	6.3
tert-Butyl methyl ether	<	1.3		1.3	6.3
tert-Butyl alcohol	<	26		26	130
Di-isopropyl ether	<	1.3		1.3	6.3
trans-1,2-Dichloroethene	<	1.3		1.3	6.3
1,1-Dichloroethane	<	1.3		1.3	6.3
2,2-Dichloropropane	<	1.3		1.3	6.3
cis-1,2-Dichloroethene	<	1.3		1.3	6.3
2-Butanone	<	2.6		2.6	13
Chloroform		2.5	J	1.3	6.3
Bromochloromethane	<	1.3		1.3	6.3
1,1,1-Trichloroethane	<	1.3		1.3	6.3
Carbon Tetrachloride	<	1.3		1.3	6.3
1,1-Dichloropropene	<	1.3		1.3	6.3
Benzene	<	1.3		1.3	6.3
1,2-Dichloroethane	<	1.3		1.3	6.3
Trichloroethene		72		1.3	6.3
1,2-Dichloropropane	<	1.3		1.3	6.3
Bromodichloromethane	<	1.3		1.3	6.3
Dibromomethane	<	1.3		1.3	6.3
4-Methyl-2-Pentanone	<	2.6		2.6	13
Toluene		1.4	J	1.3	6.3
1,1,2-Trichloroethane	<	1.3		1.3	6.3
1,2-Dibromoethane	<	1.3		1.3	6.3
cis-1,3-Dichloropropene	<	1.3		1.3	6.3
trans-1,3-Dichloropropene	<	1.3		1.3	6.3
1,3-Dichloropropane	<	1.3		1.3	6.3
2-Hexanone	<	2.6		2.6	13
Dibromochloromethane	<	1.3		1.3	6.3
Tetrachloroethene		510		1.3	6.3
Chlorobenzene	<	1.3		1.3	6.3

J : Estimated value below Method Quantitation Limit

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837717 : B-7-25**

Extracted: 08/08/94 Analysed: 08/08/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
1,1,1,2-Tetrachloroethane	< 1.3	1.3	6.3
Ethylbenzene	< 1.3	1.3	6.3
Xylene (m-,p-)	< 1.3	1.3	6.3
o-Xylene	< 1.3	1.3	6.3
Styrene	< 1.3	1.3	6.3
Bromoform	< 1.3	1.3	6.3
Isopropylbenzene	< 1.3	1.3	6.3
1,1,2,2-Tetrachloroethane	< 1.3	1.3	6.3
Bromobenzene	< 1.3	1.3	6.3
1,2,3-Trichloropropane	< 1.3	1.3	6.3
n-Propylbenzene	< 1.3	1.3	6.3
2-Chlorotoluene	< 1.3	1.3	6.3
1,3,5-Trimethylbenzene	< 1.3	1.3	6.3
4-Chlorotoluene	< 1.3	1.3	6.3
tert-Butylbenzene	< 1.3	1.3	6.3
1,2,4-Trimethylbenzene	< 1.3	1.3	6.3
sec-Butylbenzene	< 1.3	1.3	6.3
p-Isopropyltoluene	< 1.3	1.3	6.3
1,3-Dichlorobenzene	< 1.3	1.3	6.3
1,4-Dichlorobenzene	< 1.3	1.3	6.3
n-Butylbenzene	< 1.3	1.3	6.3
1,2-Dichlorobenzene	< 1.3	1.3	6.3
1,2-Dibromo-3-Chloropropane	< 1.3	1.3	6.3
1,2,4,-Trichlorobenzene	< 1.3	1.3	6.3
Hexachlorobutadiene	< 1.3	1.3	6.3
Naphthalene	< 1.3	1.3	6.3
1,2,3-Trichlorobenzene	< 1.3	1.3	6.3

J : Estimated value below Method Quantitation Limit

Batch #: 36324
Matrix: Soil

Analyte	Results	Units	Method	Analysis Date	Analyst	MDL
Client Sample #: HA-1-2						
Our Sample #: 837725						
Antimony	<4	mg/kg	6010	8-09-94	KK	4
Arsenic	<4	mg/kg	6010	8-09-94	KK	4
Barium	111	mg/kg	6010	8-09-94	KK	0.1
Beryllium	0.6	mg/kg	6010	8-09-94	KK	0.1
Cadmium	<0.2	mg/kg	6010	8-09-94	KK	0.2
Chromium	26.8	mg/kg	6010	8-09-94	KK	0.2
Cobalt	12.6	mg/kg	6010	8-09-94	KK	0.3
Copper	18.1	mg/kg	6010	8-09-94	KK	0.4
Lead	28	mg/kg	6010	8-09-94	KK	3
Molybdenum	<0.4	mg/kg	6010	8-09-94	KK	0.4
Mercury	0.02	mg/kg	7471	8-08-94	RK	0.02
Nickel	13.1	mg/kg	6010	8-09-94	KK	0.7
Selenium	<3.5	mg/kg	6010	8-09-94	KK	3.5
Silver	<0.3	mg/kg	6010	8-09-94	KK	0.3
Thallium	<10	mg/kg	6010	8-09-94	KK	10
Vanadium	31.1	mg/kg	6010	8-09-94	KK	0.1
Zinc	56.4	mg/kg	6010	8-09-94	KK	0.2
TPH	<125	ug/kg	5030/8015	8-09-94	MB	125
TPH - EXTRACTABLE						
Gasoline Range	< 3,000	mg/kg	3550/8015	8-07-94	SD	3,000
Kerosene	< 3,000	mg/kg	3550/8015	8-07-94	SD	3,000
Mineral Spirits	< 3,000	mg/kg	3550/8015	8-07-94	SD	3,000
Diesel Range	< 3,000	mg/kg	3550/8015	8-07-94	SD	3,000
Lubrication Oil	30,000	mg/kg	3550/8015	8-07-94	SD	3,000

Batch #: 36324
Matrix: Soil

Analyte	Results	Units	Method	Analysis Date	Analyst	MDL
Client Sample #: HA-2-10						
Our Sample #: 837730						
Antimony	<4	mg/kg	6010	8-09-94	KK	4
Arsenic	<4	mg/kg	6010	8-09-94	KK	4
Barium	117	mg/kg	6010	8-09-94	KK	0.1
Beryllium	0.8	mg/kg	6010	8-09-94	KK	0.1
Cadmium	<0.2	mg/kg	6010	8-09-94	KK	0.2
Chromium	28.7	mg/kg	6010	8-09-94	KK	0.2
Cobalt	14.4	mg/kg	6010	8-09-94	KK	0.3
Copper	28.1	mg/kg	6010	8-09-94	KK	0.4
Lead	19	mg/kg	6010	8-09-94	KK	3
Molybdenum	<0.4	mg/kg	6010	8-09-94	KK	0.4
Mercury	<0.02	mg/kg	7471	8-08-94	RK	0.02
Nickel	<0.7	mg/kg	6010	8-09-94	KK	0.7
Selenium	<3.5	mg/kg	6010	8-09-94	KK	3.5
Silver	<0.3	mg/kg	6010	8-09-94	KK	0.3
Thallium	<10	mg/kg	6010	8-09-94	KK	10
Vanadium	51.7	mg/kg	6010	8-09-94	KK	0.1
Zinc	58.7	mg/kg	6010	8-09-94	KK	0.2
TPH	<125	ug/kg	5030/8015	8-09-94	MB	125
TPH - EXTRACTABLE						
Gasoline Range	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Kerosene	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Mineral Spirits	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Diesel Range	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Lubrication Oil	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Surrogate Recovery = 103%						

Batch #: 36324
Matrix: Soil

Analyte	Results	Units	Method	Analysis Date	Analyst	MDL
Client Sample #: HA-3-4.5						
Our Sample #: 837732						
Antimony	<4	mg/kg	6010	8-09-94	KK	4
Arsenic	<4	mg/kg	6010	8-09-94	KK	4
Barium	191	mg/kg	6010	8-09-94	KK	0.1
Beryllium	1.1	mg/kg	6010	8-09-94	KK	0.1
Cadmium	<0.2	mg/kg	6010	8-09-94	KK	0.2
Chromium	40.8	mg/kg	6010	8-09-94	KK	0.2
Cobalt	17.8	mg/kg	6010	8-09-94	KK	0.3
Copper	31.1	mg/kg	6010	8-09-94	KK	0.4
Lead	26	mg/kg	6010	8-09-94	KK	3
Molybdenum	1.9	mg/kg	6010	8-09-94	KK	0.4
Mercury	0.05	mg/kg	7471	8-08-94	RK	0.02
Nickel	23.4	mg/kg	6010	8-09-94	KK	0.7
Selenium	<3.5	mg/kg	6010	8-09-94	KK	3.5
Silver	<0.3	mg/kg	6010	8-09-94	KK	0.3
Thallium	<10	mg/kg	6010	8-09-94	KK	10
Vanadium	65.9	mg/kg	6010	8-09-94	KK	0.1
Zinc	121	mg/kg	6010	8-09-94	KK	0.2
TPH	<125	ug/kg	5030/8015	8-09-94	MB	125
TPH - EXTRACTABLE						
Gasoline Range	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Kerosene	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Mineral Spirits	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Diesel Range	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Lubrication Oil	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Surrogate Recovery = 96%						

Batch #: 36324
Matrix: Soil

Analyte	Results	Units	Method	Analysis Date	Analyst	MDL
Client Sample #: HA-4-2						
Our Sample #: 837733						
Antimony	<4	mg/kg	6010	8-09-94	KK	4
Arsenic	<4	mg/kg	6010	8-09-94	KK	4
Barium	112	mg/kg	6010	8-09-94	KK	0.1
Beryllium	0.8	mg/kg	6010	8-09-94	KK	0.1
Cadmium	<0.2	mg/kg	6010	8-09-94	KK	0.2
Chromium	24	mg/kg	6010	8-09-94	KK	0.2
Cobalt	13.1	mg/kg	6010	8-09-94	KK	0.3
Copper	17.2	mg/kg	6010	8-09-94	KK	0.4
Lead	16	mg/kg	6010	8-09-94	KK	3
Molybdenum	<0.4	mg/kg	6010	8-09-94	KK	0.4
Mercury	<0.02	mg/kg	7471	8-08-94	RK	0.02
Nickel	14.7	mg/kg	6010	8-09-94	KK	0.7
Selenium	<3.5	mg/kg	6010	8-09-94	KK	3.5
Silver	<0.3	mg/kg	6010	8-09-94	KK	0.3
Thallium	<10	mg/kg	6010	8-09-94	KK	10
Vanadium	46.3	mg/kg	6010	8-09-94	KK	0.1
Zinc	51.0	mg/kg	6010	8-09-94	KK	0.2
TPH	<125	ug/kg	5030/8015	8-09-94	MB	125
TPH - EXTRACTABLE						
Gasoline Range	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Kerosene	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Mineral Spirits	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Diesel Range	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Lubrication Oil	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Surrogate Recovery = 129%						

Batch #: 36324
Matrix: Soil

Analyte	Results	Units	Method	Analysis Date	Analyst	MDL
Method Blank						
TPH - EXTRACTABLE						
Gasoline Range	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Kerosene	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Mineral Spirits	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Diesel Range	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Lubrication Oil	< 3.0	mg/kg	3550/8015	8-07-94	SD	3.0
Surrogate Recovery = 95%						

CLIENT# (LAB#)	ANALYTE	PERCENT RECOVERY
Quality Control	TPH - EXTRACTABLE	
	Diesel Range	112
	Surrogate Recovery = 102%	

Professional Service Industries
4820 West 15th Street
Lawrence, KS 66044

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PSI-LA

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837688 : B-1-2**

Extracted: 08/08/94 Analysed: 08/08/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
Dichlorodifluoromethane	< 1.3	1.3	6.3
Chloromethane	< 2.6	2.6	13
Vinyl Chloride	< 2.6	2.6	13
Bromomethane	< 2.6	2.6	13
Chloroethane	< 2.6	2.6	13
Trichlorofluoromethane	< 1.3	1.3	6.3
1,1-Dichloroethene	< 1.3	1.3	6.3
Acetone	< 2.6	2.6	13
Carbon Disulfide	< 1.3	1.3	6.3
Methylene Chloride	14	1.3	6.3
tert-Butyl methyl ether	< 1.3	1.3	6.3
tert-Butyl alcohol	< 26	26	130
Di-isopropyl ether	< 1.3	1.3	6.3
trans-1,2-Dichloroethene	< 1.3	1.3	6.3
1,1-Dichloroethane	< 1.3	1.3	6.3
2,2-Dichloropropane	< 1.3	1.3	6.3
cis-1,2-Dichloroethene	< 1.3	1.3	6.3
2-Butanone	< 2.6	2.6	13
Chloroform	< 1.3	1.3	6.3
Bromochloromethane	< 1.3	1.3	6.3
1,1,1-Trichloroethane	< 1.3	1.3	6.3
Carbon Tetrachloride	< 1.3	1.3	6.3
1,1-Dichloropropene	< 1.3	1.3	6.3
Benzene	< 1.3	1.3	6.3
1,2-Dichloroethane	< 1.3	1.3	6.3
Trichloroethene	< 1.3	1.3	6.3
1,2-Dichloropropane	< 1.3	1.3	6.3
Bromodichloromethane	< 1.3	1.3	6.3
Dibromomethane	< 1.3	1.3	6.3
4-Methyl-2-Pentanone	< 2.6	2.6	13
Toluene	< 1.3	1.3	6.3
1,1,2-Trichloroethane	< 1.3	1.3	6.3
1,2-Dibromoethane	< 1.3	1.3	6.3
cis-1,3-Dichloropropene	< 1.3	1.3	6.3
trans-1,3-Dichloropropene	< 1.3	1.3	6.3
1,3-Dichloropropane	< 1.3	1.3	6.3
2-Hexanone	< 2.6	2.6	13
Dibromochloromethane	< 1.3	1.3	6.3
Tetrachloroethene	< 1.3	1.3	6.3
Chlorobenzene	< 1.3	1.3	6.3

J : Estimated value below Method Quantitation Limit

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837688 : B-1-2**

Extracted: 08/08/94 Analysed: 08/08/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
1,1,1,2-Tetrachloroethane	< 1.3	1.3	6.3
Ethylbenzene	< 1.3	1.3	6.3
Xylene (m-,p-)	< 1.3	1.3	6.3
o-Xylene	< 1.3	1.3	6.3
Styrene	< 1.3	1.3	6.3
Bromoform	< 1.3	1.3	6.3
Isopropylbenzene	< 1.3	1.3	6.3
1,1,2,2-Tetrachloroethane	< 1.3	1.3	6.3
Bromobenzene	< 1.3	1.3	6.3
1,2,3-Trichloropropane	< 1.3	1.3	6.3
n-Propylbenzene	< 1.3	1.3	6.3
2-Chlorotoluene	< 1.3	1.3	6.3
1,3,5-Trimethylbenzene	< 1.3	1.3	6.3
4-Chlorotoluene	< 1.3	1.3	6.3
tert-Butylbenzene	< 1.3	1.3	6.3
1,2,4-Trimethylbenzene	< 1.3	1.3	6.3
sec-Butylbenzene	< 1.3	1.3	6.3
p-Isopropyltoluene	< 1.3	1.3	6.3
1,3-Dichlorobenzene	< 1.3	1.3	6.3
1,4-Dichlorobenzene	< 1.3	1.3	6.3
n-Butylbenzene	< 1.3	1.3	6.3
1,2-Dichlorobenzene	< 1.3	1.3	6.3
1,2-Dibromo-3-Chloropropane	< 1.3	1.3	6.3
1,2,4,-Trichlorobenzene	< 1.3	1.3	6.3
Hexachlorobutadiene	< 1.3	1.3	6.3
Naphthalene	< 1.3	1.3	6.3
1,2,3-Trichlorobenzene	< 1.3	1.3	6.3

J : Estimated value below Method Quantitation Limit

Professional Service Industries
4820 West 15th Street
Lawrence, KS 66044

Report #: 5940P588:36324

PSI-LA

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837692 : B-2-2**

Extracted: 08/08/94 Analysed: 08/08/94

Compound	Conc.		Acceptable Method Det. Limit	Method Quant. Limit
Dichlorodifluoromethane	< 1.3		1.3	6.3
Chloromethane	< 2.6		2.6	13
Vinyl Chloride	< 2.6		2.6	13
Bromomethane	< 2.6		2.6	13
Chloroethane	< 2.6		2.6	13
Trichlorofluoromethane	< 1.3		1.3	6.3
1,1-Dichloroethene	< 1.3		1.3	6.3
Acetone	< 2.6		2.6	13
Carbon Disulfide	< 1.3		1.3	6.3
Methylene Chloride	5.3	J	1.3	6.3
tert-Butyl methyl ether	< 1.3		1.3	6.3
tert-Butyl alcohol	< 26		26	130
Di-isopropyl ether	< 1.3		1.3	6.3
trans-1,2-Dichloroethene	< 1.3		1.3	6.3
1,1-Dichloroethane	< 1.3		1.3	6.3
2,2-Dichloropropane	< 1.3		1.3	6.3
cis-1,2-Dichloroethene	< 1.3		1.3	6.3
2-Butanone	< 2.6		2.6	13
Chloroform	< 1.3		1.3	6.3
Bromochloromethane	< 1.3		1.3	6.3
1,1,1-Trichloroethane	< 1.3		1.3	6.3
Carbon Tetrachloride	< 1.3		1.3	6.3
1,1-Dichloropropene	< 1.3		1.3	6.3
Benzene	< 1.3		1.3	6.3
1,2-Dichloroethane	< 1.3		1.3	6.3
Trichloroethene	< 1.3		1.3	6.3
1,2-Dichloropropane	< 1.3		1.3	6.3
Bromodichloromethane	< 1.3		1.3	6.3
Dibromomethane	< 1.3		1.3	6.3
4-Methyl-2-Pentanone	< 2.6		2.6	13
Toluene	< 1.3		1.3	6.3
1,1,2-Trichloroethane	< 1.3		1.3	6.3
1,2-Dibromoethane	< 1.3		1.3	6.3
cis-1,3-Dichloropropene	< 1.3		1.3	6.3
trans-1,3-Dichloropropene	< 1.3		1.3	6.3
1,3-Dichloropropane	< 1.3		1.3	6.3
2-Hexanone	< 2.6		2.6	13
Dibromochloromethane	< 1.3		1.3	6.3
Tetrachloroethene	< 1.3		1.3	6.3
Chlorobenzene	< 1.3		1.3	6.3

J : Estimated value below Method Quantitation Limit

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837692 : B-2-2**

Extracted: 08/08/94 Analysed: 08/08/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
1,1,1,2-Tetrachloroethane	< 1.3	1.3	6.3
Ethylbenzene	< 1.3	1.3	6.3
Xylene (m-,p-)	< 1.3	1.3	6.3
o-Xylene	< 1.3	1.3	6.3
Styrene	< 1.3	1.3	6.3
Bromoform	< 1.3	1.3	6.3
Isopropylbenzene	< 1.3	1.3	6.3
1,1,2,2-Tetrachloroethane	< 1.3	1.3	6.3
Bromobenzene	< 1.3	1.3	6.3
1,2,3-Trichloropropane	< 1.3	1.3	6.3
n-Propylbenzene	< 1.3	1.3	6.3
2-Chlorotoluene	< 1.3	1.3	6.3
1,3,5-Trimethylbenzene	< 1.3	1.3	6.3
4-Chlorotoluene	< 1.3	1.3	6.3
tert-Butylbenzene	< 1.3	1.3	6.3
1,2,4-Trimethylbenzene	< 1.3	1.3	6.3
sec-Butylbenzene	< 1.3	1.3	6.3
p-Isopropyltoluene	< 1.3	1.3	6.3
1,3-Dichlorobenzene	< 1.3	1.3	6.3
1,4-Dichlorobenzene	< 1.3	1.3	6.3
n-Butylbenzene	< 1.3	1.3	6.3
1,2-Dichlorobenzene	< 1.3	1.3	6.3
1,2-Dibromo-3-Chloropropane	< 1.3	1.3	6.3
1,2,4,-Trichlorobenzene	< 1.3	1.3	6.3
Hexachlorobutadiene	< 1.3	1.3	6.3
Naphthalene	< 1.3	1.3	6.3
1,2,3-Trichlorobenzene	< 1.3	1.3	6.3

J : Estimated value below Method Quantitation Limit

Professional Service Industries
4820 West 15th Street
Lawrence, KS 66044

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PSI-LA

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837696 : B-3-2**

Extracted: 08/08/94 Analysed: 08/08/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
Dichlorodifluoromethane	< 1.3	1.3	6.3
Chloromethane	< 2.6	2.6	13
Vinyl Chloride	< 2.6	2.6	13
Bromomethane	< 2.6	2.6	13
Chloroethane	< 2.6	2.6	13
Trichlorofluoromethane	< 1.3	1.3	6.3
1,1-Dichloroethene	< 1.3	1.3	6.3
Acetone	< 2.6	2.6	13
Carbon Disulfide	< 1.3	1.3	6.3
Methylene Chloride	9.8	1.3	6.3
tert-Butyl methyl ether	< 1.3	1.3	6.3
tert-Butyl alcohol	< 26	26	130
Di-isopropyl ether	< 1.3	1.3	6.3
trans-1,2-Dichloroethene	< 1.3	1.3	6.3
1,1-Dichloroethane	< 1.3	1.3	6.3
2,2-Dichloropropane	< 1.3	1.3	6.3
cis-1,2-Dichloroethene	< 1.3	1.3	6.3
2-Butanone	< 2.6	2.6	13
Chloroform	< 1.3	1.3	6.3
Bromochloromethane	< 1.3	1.3	6.3
1,1,1-Trichloroethane	< 1.3	1.3	6.3
Carbon Tetrachloride	< 1.3	1.3	6.3
1,1-Dichloropropene	< 1.3	1.3	6.3
Benzene	< 1.3	1.3	6.3
1,2-Dichloroethane	< 1.3	1.3	6.3
Trichloroethene	< 1.3	1.3	6.3
1,2-Dichloropropane	< 1.3	1.3	6.3
Bromodichloromethane	< 1.3	1.3	6.3
Dibromomethane	< 1.3	1.3	6.3
4-Methyl-2-Pentanone	< 2.6	2.6	13
Toluene	< 1.3	1.3	6.3
1,1,2-Trichloroethane	< 1.3	1.3	6.3
1,2-Dibromoethane	< 1.3	1.3	6.3
cis-1,3-Dichloropropene	< 1.3	1.3	6.3
trans-1,3-Dichloropropene	< 1.3	1.3	6.3
1,3-Dichloropropane	< 1.3	1.3	6.3
2-Hexanone	< 2.6	2.6	13
Dibromochloromethane	< 1.3	1.3	6.3
Tetrachloroethene	< 1.3	1.3	6.3
Chlorobenzene	< 1.3	1.3	6.3

J : Estimated value below Method Quantitation Limit

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837696 : B-3-2**

Extracted: 08/08/94 Analysed: 08/08/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
1,1,1,2-Tetrachloroethane	< 1.3	1.3	6.3
Ethylbenzene	< 1.3	1.3	6.3
Xylene (m-,p-)	< 1.3	1.3	6.3
o-Xylene	< 1.3	1.3	6.3
Styrene	< 1.3	1.3	6.3
Bromoform	< 1.3	1.3	6.3
Isopropylbenzene	< 1.3	1.3	6.3
1,1,2,2-Tetrachloroethane	< 1.3	1.3	6.3
Bromobenzene	< 1.3	1.3	6.3
1,2,3-Trichloropropane	< 1.3	1.3	6.3
n-Propylbenzene	< 1.3	1.3	6.3
2-Chlorotoluene	< 1.3	1.3	6.3
1,3,5-Trimethylbenzene	< 1.3	1.3	6.3
4-Chlorotoluene	< 1.3	1.3	6.3
tert-Butylbenzene	< 1.3	1.3	6.3
1,2,4-Trimethylbenzene	< 1.3	1.3	6.3
sec-Butylbenzene	< 1.3	1.3	6.3
p-Isopropyltoluene	< 1.3	1.3	6.3
1,3-Dichlorobenzene	< 1.3	1.3	6.3
1,4-Dichlorobenzene	< 1.3	1.3	6.3
n-Butylbenzene	< 1.3	1.3	6.3
1,2-Dichlorobenzene	< 1.3	1.3	6.3
1,2-Dibromo-3-Chloropropane	< 1.3	1.3	6.3
1,2,4,-Trichlorobenzene	< 1.3	1.3	6.3
Hexachlorobutadiene	< 1.3	1.3	6.3
Naphthalene	< 1.3	1.3	6.3
1,2,3-Trichlorobenzene	< 1.3	1.3	6.3

J : Estimated value below Method Quantitation Limit

Professional Service Industries
4820 West 15th Street
Lawrence, KS 66044

Report #: 5940P588:36324

PSI-LA

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837700 : B-4-2**

Extracted: 08/08/94 Analysed: 08/08/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
Dichlorodifluoromethane	< 1.3	1.3	6.3
Chloromethane	< 2.6	2.6	13
Vinyl Chloride	< 2.6	2.6	13
Bromomethane	< 2.6	2.6	13
Chloroethane	< 2.6	2.6	13
Trichlorofluoromethane	< 1.3	1.3	6.3
1,1-Dichloroethene	< 1.3	1.3	6.3
Acetone	< 2.6	2.6	13
Carbon Disulfide	< 1.3	1.3	6.3
Methylene Chloride	9.1	1.3	6.3
tert-Butyl methyl ether	< 1.3	1.3	6.3
tert-Butyl alcohol	< 26	26	130
Di-isopropyl ether	< 1.3	1.3	6.3
trans-1,2-Dichloroethene	< 1.3	1.3	6.3
1,1-Dichloroethane	< 1.3	1.3	6.3
2,2-Dichloropropane	< 1.3	1.3	6.3
cis-1,2-Dichloroethene	< 1.3	1.3	6.3
2-Butanone	< 2.6	2.6	13
Chloroform	< 1.3	1.3	6.3
Bromochloromethane	< 1.3	1.3	6.3
1,1,1-Trichloroethane	< 1.3	1.3	6.3
Carbon Tetrachloride	< 1.3	1.3	6.3
1,1-Dichloropropene	< 1.3	1.3	6.3
Benzene	< 1.3	1.3	6.3
1,2-Dichloroethane	< 1.3	1.3	6.3
Trichloroethene	< 1.3	1.3	6.3
1,2-Dichloropropane	< 1.3	1.3	6.3
Bromodichloromethane	< 1.3	1.3	6.3
Dibromomethane	< 1.3	1.3	6.3
4-Methyl-2-Pentanone	< 2.6	2.6	13
Toluene	< 1.3	1.3	6.3
1,1,2-Trichloroethane	< 1.3	1.3	6.3
1,2-Dibromoethane	< 1.3	1.3	6.3
cis-1,3-Dichloropropene	< 1.3	1.3	6.3
trans-1,3-Dichloropropene	< 1.3	1.3	6.3
1,3-Dichloropropane	< 1.3	1.3	6.3
2-Hexanone	< 2.6	2.6	13
Dibromochloromethane	< 1.3	1.3	6.3
Tetrachloroethene	< 1.3	1.3	6.3
Chlorobenzene	< 1.3	1.3	6.3

J : Estimated value below Method Quantitation Limit

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837700 : B-4-2**

Extracted: 08/08/94 Analysed: 08/08/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
1,1,1,2-Tetrachloroethane	< 1.3	1.3	6.3
Ethylbenzene	< 1.3	1.3	6.3
Xylene (m-,p-)	< 1.3	1.3	6.3
o-Xylene	< 1.3	1.3	6.3
Styrene	< 1.3	1.3	6.3
Bromoform	< 1.3	1.3	6.3
Isopropylbenzene	< 1.3	1.3	6.3
1,1,2,2-Tetrachloroethane	< 1.3	1.3	6.3
Bromobenzene	< 1.3	1.3	6.3
1,2,3-Trichloropropane	< 1.3	1.3	6.3
n-Propylbenzene	< 1.3	1.3	6.3
2-Chlorotoluene	< 1.3	1.3	6.3
1,3,5-Trimethylbenzene	< 1.3	1.3	6.3
4-Chlorotoluene	< 1.3	1.3	6.3
tert-Butylbenzene	< 1.3	1.3	6.3
1,2,4-Trimethylbenzene	< 1.3	1.3	6.3
sec-Butylbenzene	< 1.3	1.3	6.3
p-Isopropyltoluene	< 1.3	1.3	6.3
1,3-Dichlorobenzene	< 1.3	1.3	6.3
1,4-Dichlorobenzene	< 1.3	1.3	6.3
n-Butylbenzene	< 1.3	1.3	6.3
1,2-Dichlorobenzene	< 1.3	1.3	6.3
1,2-Dibromo-3-Chloropropane	< 1.3	1.3	6.3
1,2,4,-Trichlorobenzene	< 1.3	1.3	6.3
Hexachlorobutadiene	< 1.3	1.3	6.3
Naphthalene	< 1.3	1.3	6.3
1,2,3-Trichlorobenzene	< 1.3	1.3	6.3

J : Estimated value below Method Quantitation Limit

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Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837704 : B-5-4**

Extracted: 08/08/94 Analysed: 08/08/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
Dichlorodifluoromethane	< 1.3	1.3	6.3
Chloromethane	< 2.6	2.6	13
Vinyl Chloride	< 2.6	2.6	13
Bromomethane	< 2.6	2.6	13
Chloroethane	< 2.6	2.6	13
Trichlorofluoromethane	< 1.3	1.3	6.3
1,1-Dichloroethene	< 1.3	1.3	6.3
Acetone	< 2.6	2.6	13
Carbon Disulfide	< 1.3	1.3	6.3
Methylene Chloride	6.4	1.3	6.3
tert-Butyl methyl ether	< 1.3	1.3	6.3
tert-Butyl alcohol	< 26	26	130
Di-isopropyl ether	< 1.3	1.3	6.3
trans-1,2-Dichloroethene	< 1.3	1.3	6.3
1,1-Dichloroethane	< 1.3	1.3	6.3
2,2-Dichloropropane	< 1.3	1.3	6.3
cis-1,2-Dichloroethene	< 1.3	1.3	6.3
2-Butanone	< 2.6	2.6	13
Chloroform	< 1.3	1.3	6.3
Bromochloromethane	< 1.3	1.3	6.3
1,1,1-Trichloroethane	< 1.3	1.3	6.3
Carbon Tetrachloride	< 1.3	1.3	6.3
1,1-Dichloropropene	< 1.3	1.3	6.3
Benzene	< 1.3	1.3	6.3
1,2-Dichloroethane	< 1.3	1.3	6.3
Trichloroethene	< 1.3	1.3	6.3
1,2-Dichloropropane	< 1.3	1.3	6.3
Bromodichloromethane	< 1.3	1.3	6.3
Dibromomethane	< 1.3	1.3	6.3
4-Methyl-2-Pentanone	< 2.6	2.6	13
Toluene	< 1.3	1.3	6.3
1,1,2-Trichloroethane	< 1.3	1.3	6.3
1,2-Dibromoethane	< 1.3	1.3	6.3
cis-1,3-Dichloropropene	< 1.3	1.3	6.3
trans-1,3-Dichloropropene	< 1.3	1.3	6.3
1,3-Dichloropropane	< 1.3	1.3	6.3
2-Hexanone	< 2.6	2.6	13
Dibromochloromethane	< 1.3	1.3	6.3
Tetrachloroethene	< 1.3	1.3	6.3
Chlorobenzene	< 1.3	1.3	6.3

J : Estimated value below Method Quantitation Limit

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837704 : B-5-4**

Extracted: 08/08/94 Analysed: 08/08/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
1,1,1,2-Tetrachloroethane	< 1.3	1.3	6.3
Ethylbenzene	< 1.3	1.3	6.3
Xylene (m-,p-)	< 1.3	1.3	6.3
o-Xylene	< 1.3	1.3	6.3
Styrene	< 1.3	1.3	6.3
Bromoform	< 1.3	1.3	6.3
Isopropylbenzene	< 1.3	1.3	6.3
1,1,2,2-Tetrachloroethane	< 1.3	1.3	6.3
Bromobenzene	< 1.3	1.3	6.3
1,2,3-Trichloropropane	< 1.3	1.3	6.3
n-Propylbenzene	< 1.3	1.3	6.3
2-Chlorotoluene	< 1.3	1.3	6.3
1,3,5-Trimethylbenzene	< 1.3	1.3	6.3
4-Chlorotoluene	< 1.3	1.3	6.3
tert-Butylbenzene	< 1.3	1.3	6.3
1,2,4-Trimethylbenzene	< 1.3	1.3	6.3
sec-Butylbenzene	< 1.3	1.3	6.3
p-Isopropyltoluene	< 1.3	1.3	6.3
1,3-Dichlorobenzene	< 1.3	1.3	6.3
1,4-Dichlorobenzene	< 1.3	1.3	6.3
n-Butylbenzene	< 1.3	1.3	6.3
1,2-Dichlorobenzene	< 1.3	1.3	6.3
1,2-Dibromo-3-Chloropropane	< 1.3	1.3	6.3
1,2,4,-Trichlorobenzene	< 1.3	1.3	6.3
Hexachlorobutadiene	< 1.3	1.3	6.3
Naphthalene	< 1.3	1.3	6.3
1,2,3-Trichlorobenzene	< 1.3	1.3	6.3

J : Estimated value below Method Quantitation Limit

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Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837710 : B-6-10**

Extracted: 08/08/94 Analysed: 08/08/94

Compound	Conc.		Acceptable Method Det. Limit	Method Quant. Limit
Dichlorodifluoromethane	< 1.3		1.3	6.3
Chloromethane	< 2.6		2.6	13
Vinyl Chloride	< 2.6		2.6	13
Bromomethane	< 2.6		2.6	13
Chloroethane	< 2.6		2.6	13
Trichlorofluoromethane	< 1.3		1.3	6.3
1,1-Dichloroethene	< 1.3		1.3	6.3
Acetone	9.1	J	2.6	13
Carbon Disulfide	< 1.3		1.3	6.3
Methylene Chloride	7.1		1.3	6.3
tert-Butyl methyl ether	< 1.3		1.3	6.3
tert-Butyl alcohol	< 26		26	130
Di-isopropyl ether	< 1.3		1.3	6.3
trans-1,2-Dichloroethene	< 1.3		1.3	6.3
1,1-Dichloroethane	< 1.3		1.3	6.3
2,2-Dichloropropane	< 1.3		1.3	6.3
cis-1,2-Dichloroethene	< 1.3		1.3	6.3
2-Butanone	< 2.6		2.6	13
Chloroform	< 1.3		1.3	6.3
Bromochloromethane	< 1.3		1.3	6.3
1,1,1-Trichloroethane	< 1.3		1.3	6.3
Carbon Tetrachloride	< 1.3		1.3	6.3
1,1-Dichloropropene	< 1.3		1.3	6.3
Benzene	< 1.3		1.3	6.3
1,2-Dichloroethane	< 1.3		1.3	6.3
Trichloroethene	< 1.3		1.3	6.3
1,2-Dichloropropane	< 1.3		1.3	6.3
Bromodichloromethane	< 1.3		1.3	6.3
Dibromomethane	< 1.3		1.3	6.3
4-Methyl-2-Pentanone	< 2.6		2.6	13
Toluene	< 1.3		1.3	6.3
1,1,2-Trichloroethane	< 1.3		1.3	6.3
1,2-Dibromoethane	< 1.3		1.3	6.3
cis-1,3-Dichloropropene	< 1.3		1.3	6.3
trans-1,3-Dichloropropene	< 1.3		1.3	6.3
1,3-Dichloropropane	< 1.3		1.3	6.3
2-Hexanone	< 2.6		2.6	13
Dibromochloromethane	< 1.3		1.3	6.3
Tetrachloroethene	< 1.3		1.3	6.3
Chlorobenzene	< 1.3		1.3	6.3

J : Estimated value below Method Quantitation Limit

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837710 : B-6-10**

Extracted: 08/08/94 Analysed: 08/08/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
1,1,1,2-Tetrachloroethane	< 1.3	1.3	6.3
Ethylbenzene	< 1.3	1.3	6.3
Xylene (m-,p-)	< 1.3	1.3	6.3
o-Xylene	< 1.3	1.3	6.3
Styrene	< 1.3	1.3	6.3
Bromoform	< 1.3	1.3	6.3
Isopropylbenzene	< 1.3	1.3	6.3
1,1,2,2-Tetrachloroethane	< 1.3	1.3	6.3
Bromobenzene	< 1.3	1.3	6.3
1,2,3-Trichloropropane	< 1.3	1.3	6.3
n-Propylbenzene	< 1.3	1.3	6.3
2-Chlorotoluene	< 1.3	1.3	6.3
1,3,5-Trimethylbenzene	< 1.3	1.3	6.3
4-Chlorotoluene	< 1.3	1.3	6.3
tert-Butylbenzene	< 1.3	1.3	6.3
1,2,4-Trimethylbenzene	< 1.3	1.3	6.3
sec-Butylbenzene	< 1.3	1.3	6.3
p-Isopropyltoluene	< 1.3	1.3	6.3
1,3-Dichlorobenzene	< 1.3	1.3	6.3
1,4-Dichlorobenzene	< 1.3	1.3	6.3
n-Butylbenzene	< 1.3	1.3	6.3
1,2-Dichlorobenzene	< 1.3	1.3	6.3
1,2-Dibromo-3-Chloropropane	< 1.3	1.3	6.3
1,2,4,-Trichlorobenzene	< 1.3	1.3	6.3
Hexachlorobutadiene	< 1.3	1.3	6.3
Naphthalene	< 1.3	1.3	6.3
1,2,3-Trichlorobenzene	< 1.3	1.3	6.3

J : Estimated value below Method Quantitation Limit

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Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837714 : B-7-10**

Extracted: 08/09/94 Analysed: 08/09/94

Compound	Conc.		Acceptable Method Det. Limit	Method Quant. Limit
Dichlorodifluoromethane	< 10		10	50
Chloromethane	< 20		20	100
Vinyl Chloride	< 20		20	100
Bromomethane	< 20		20	100
Chloroethane	< 20		20	100
Trichlorofluoromethane	< 10		10	50
1,1-Dichloroethene	< 10		10	50
Acetone	240		20	100
Carbon Disulfide	< 10		10	50
Methylene Chloride	43	J	10	50
tert-Butyl methyl ether	< 10		10	50
tert-Butyl alcohol	< 200		200	1000
Di-isopropyl ether	< 10		10	50
trans-1,2-Dichloroethene	< 10		10	50
1,1-Dichloroethane	< 10		10	50
2,2-Dichloropropane	< 10		10	50
cis-1,2-Dichloroethene	< 10		10	50
2-Butanone	< 20		20	100
Chloroform	< 10		10	50
Bromochloromethane	< 10		10	50
1,1,1-Trichloroethane	< 10		10	50
Carbon Tetrachloride	< 10		10	50
1,1-Dichloropropene	< 10		10	50
Benzene	< 10		10	50
1,2-Dichloroethane	< 10		10	50
Trichloroethene	230		10	50
1,2-Dichloropropane	< 10		10	50
Bromodichloromethane	< 10		10	50
Dibromomethane	< 10		10	50
4-Methyl-2-Pentanone	< 20		20	100
Toluene	< 10		10	50
1,1,2-Trichloroethane	< 10		10	50
1,2-Dibromoethane	< 10		10	50
cis-1,3-Dichloropropene	< 10		10	50
trans-1,3-Dichloropropene	< 10		10	50
1,3-Dichloropropane	< 10		10	50
2-Hexanone	< 20		20	100
Dibromochloromethane	< 10		10	50
Tetrachloroethene	27	J	10	50
Chlorobenzene	< 10		10	50

J : Estimated value below Method Quantitation Limit

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837714 : B-7-10**

Extracted: 08/09/94 Analysed: 08/09/94

Compound	Conc.			Acceptable Method Det. Limit	Method Quant. Limit
1,1,1,2-Tetrachloroethane	<	10		10	50
Ethylbenzene	<	10		10	50
Xylene (m-,p-)		40	J	10	50
o-Xylene	<	10		10	50
Styrene	<	10		10	50
Bromoform	<	10		10	50
Isopropylbenzene		65		10	50
1,1,2,2-Tetrachloroethane	<	10		10	50
Bromobenzene	<	10		10	50
1,2,3-Trichloropropane	<	10		10	50
n-Propylbenzene		150		10	50
2-Chlorotoluene	<	10		10	50
1,3,5-Trimethylbenzene		230		10	50
4-Chlorotoluene	<	10		10	50
tert-Butylbenzene	<	10		10	50
1,2,4-Trimethylbenzene		1600		10	50
sec-Butylbenzene		220		10	50
p-Isopropyltoluene		570		10	50
1,3-Dichlorobenzene	<	10		10	50
1,4-Dichlorobenzene	<	10		10	50
n-Butylbenzene		520		10	50
1,2-Dichlorobenzene	<	10		10	50
1,2-Dibromo-3-Chloropropane	<	10		10	50
1,2,4,-Trichlorobenzene	<	10		10	50
Hexachlorobutadiene	<	10		10	50
Naphthalene		190		10	50
1,2,3-Trichlorobenzene	<	10		10	50

J : Estimated value below Method Quantitation Limit

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PSI-LA

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837719 : B-7-35**

Extracted: 08/09/94 Analysed: 08/09/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
Dichlorodifluoromethane	< 1.3	1.3	6.3
Chloromethane	< 2.6	2.6	13
Vinyl Chloride	< 2.6	2.6	13
Bromomethane	< 2.6	2.6	13
Chloroethane	< 2.6	2.6	13
Trichlorofluoromethane	< 1.3	1.3	6.3
1,1-Dichloroethene	< 1.3	1.3	6.3
Acetone	< 2.6	2.6	13
Carbon Disulfide	< 1.3	1.3	6.3
Methylene Chloride	6.3	1.3	6.3
tert-Butyl methyl ether	< 1.3	1.3	6.3
tert-Butyl alcohol	< 26	26	130
Di-isopropyl ether	< 1.3	1.3	6.3
trans-1,2-Dichloroethene	< 1.3	1.3	6.3
1,1-Dichloroethane	< 1.3	1.3	6.3
2,2-Dichloropropane	< 1.3	1.3	6.3
cis-1,2-Dichloroethene	< 1.3	1.3	6.3
2-Butanone	< 2.6	2.6	13
Chloroform	< 1.3	1.3	6.3
Bromochloromethane	< 1.3	1.3	6.3
1,1,1-Trichloroethane	< 1.3	1.3	6.3
Carbon Tetrachloride	< 1.3	1.3	6.3
1,1-Dichloropropene	< 1.3	1.3	6.3
Benzene	< 1.3	1.3	6.3
1,2-Dichloroethane	< 1.3	1.3	6.3
Trichloroethene	< 1.3	1.3	6.3
1,2-Dichloropropane	< 1.3	1.3	6.3
Bromodichloromethane	< 1.3	1.3	6.3
Dibromomethane	< 1.3	1.3	6.3
4-Methyl-2-Pentanone	< 2.6	2.6	13
Toluene	< 1.3	1.3	6.3
1,1,2-Trichloroethane	< 1.3	1.3	6.3
1,2-Dibromoethane	< 1.3	1.3	6.3
cis-1,3-Dichloropropene	< 1.3	1.3	6.3
trans-1,3-Dichloropropene	< 1.3	1.3	6.3
1,3-Dichloropropane	< 1.3	1.3	6.3
2-Hexanone	< 2.6	2.6	13
Dibromochloromethane	< 1.3	1.3	6.3
Tetrachloroethene	< 1.3	1.3	6.3
Chlorobenzene	< 1.3	1.3	6.3

J : Estimated value below Method Quantitation Limit

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837719 : B-7-35**

Extracted: 08/09/94 Analysed: 08/09/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
1,1,1,2-Tetrachloroethane	< 1.3	1.3	6.3
Ethylbenzene	< 1.3	1.3	6.3
Xylene (m-,p-)	< 1.3	1.3	6.3
o-Xylene	< 1.3	1.3	6.3
Styrene	< 1.3	1.3	6.3
Bromoform	< 1.3	1.3	6.3
Isopropylbenzene	< 1.3	1.3	6.3
1,1,2,2-Tetrachloroethane	< 1.3	1.3	6.3
Bromobenzene	< 1.3	1.3	6.3
1,2,3-Trichloropropane	< 1.3	1.3	6.3
n-Propylbenzene	< 1.3	1.3	6.3
2-Chlorotoluene	< 1.3	1.3	6.3
1,3,5-Trimethylbenzene	< 1.3	1.3	6.3
4-Chlorotoluene	< 1.3	1.3	6.3
tert-Butylbenzene	< 1.3	1.3	6.3
1,2,4-Trimethylbenzene	< 1.3	1.3	6.3
sec-Butylbenzene	< 1.3	1.3	6.3
p-Isopropyltoluene	< 1.3	1.3	6.3
1,3-Dichlorobenzene	< 1.3	1.3	6.3
1,4-Dichlorobenzene	< 1.3	1.3	6.3
n-Butylbenzene	< 1.3	1.3	6.3
1,2-Dichlorobenzene	< 1.3	1.3	6.3
1,2-Dibromo-3-Chloropropane	< 1.3	1.3	6.3
1,2,4,-Trichlorobenzene	< 1.3	1.3	6.3
Hexachlorobutadiene	< 1.3	1.3	6.3
Naphthalene	< 1.3	1.3	6.3
1,2,3-Trichlorobenzene	< 1.3	1.3	6.3

J : Estimated value below Method Quantitation Limit

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Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837720 : B-8-2**

Extracted: 08/09/94 Analysed: 08/09/94

Compound	Conc.		Acceptable Method Det. Limit	Method Quant. Limit
Dichlorodifluoromethane	< 1.3		1.3	6.3
Chloromethane	< 2.6		2.6	13
Vinyl Chloride	< 2.6		2.6	13
Bromomethane	< 2.6		2.6	13
Chloroethane	< 2.6		2.6	13
Trichlorofluoromethane	< 1.3		1.3	6.3
1,1-Dichloroethene	< 1.3		1.3	6.3
Acetone	140		2.6	13
Carbon Disulfide	< 1.3		1.3	6.3
Methylene Chloride	3.8	J	1.3	6.3
tert-Butyl methyl ether	< 1.3		1.3	6.3
tert-Butyl alcohol	< 26		26	130
Di-isopropyl ether	< 1.3		1.3	6.3
trans-1,2-Dichloroethene	< 1.3		1.3	6.3
1,1-Dichloroethane	< 1.3		1.3	6.3
2,2-Dichloropropane	< 1.3		1.3	6.3
cis-1,2-Dichloroethene	< 1.3		1.3	6.3
2-Butanone	27		2.6	13
Chloroform	< 1.3		1.3	6.3
Bromochloromethane	< 1.3		1.3	6.3
1,1,1-Trichloroethane	< 1.3		1.3	6.3
Carbon Tetrachloride	< 1.3		1.3	6.3
1,1-Dichloropropene	< 1.3		1.3	6.3
Benzene	< 1.3		1.3	6.3
1,2-Dichloroethane	< 1.3		1.3	6.3
Trichloroethene	< 1.3		1.3	6.3
1,2-Dichloropropane	< 1.3		1.3	6.3
Bromodichloromethane	< 1.3		1.3	6.3
Dibromomethane	< 1.3		1.3	6.3
4-Methyl-2-Pentanone	< 2.6		2.6	13
Toluene	< 1.3		1.3	6.3
1,1,2-Trichloroethane	< 1.3		1.3	6.3
1,2-Dibromoethane	< 1.3		1.3	6.3
cis-1,3-Dichloropropene	< 1.3		1.3	6.3
trans-1,3-Dichloropropene	< 1.3		1.3	6.3
1,3-Dichloropropane	< 1.3		1.3	6.3
2-Hexanone	< 2.6		2.6	13
Dibromochloromethane	< 1.3		1.3	6.3
Tetrachloroethene	< 1.3		1.3	6.3
Chlorobenzene	< 1.3		1.3	6.3

J : Estimated value below Method Quantitation Limit

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837720 : B-8-2**

Extracted: 08/09/94 Analysed: 08/09/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
1,1,1,2-Tetrachloroethane	< 1.3	1.3	6.3
Ethylbenzene	< 1.3	1.3	6.3
Xylene (m-,p-)	< 1.3	1.3	6.3
o-Xylene	< 1.3	1.3	6.3
Styrene	< 1.3	1.3	6.3
Bromoform	< 1.3	1.3	6.3
Isopropylbenzene	< 1.3	1.3	6.3
1,1,2,2-Tetrachloroethane	< 1.3	1.3	6.3
Bromobenzene	< 1.3	1.3	6.3
1,2,3-Trichloropropane	< 1.3	1.3	6.3
n-Propylbenzene	< 1.3	1.3	6.3
2-Chlorotoluene	< 1.3	1.3	6.3
1,3,5-Trimethylbenzene	< 1.3	1.3	6.3
4-Chlorotoluene	< 1.3	1.3	6.3
tert-Butylbenzene	< 1.3	1.3	6.3
1,2,4-Trimethylbenzene	< 1.3	1.3	6.3
sec-Butylbenzene	< 1.3	1.3	6.3
p-Isopropyltoluene	< 1.3	1.3	6.3
1,3-Dichlorobenzene	< 1.3	1.3	6.3
1,4-Dichlorobenzene	< 1.3	1.3	6.3
n-Butylbenzene	< 1.3	1.3	6.3
1,2-Dichlorobenzene	< 1.3	1.3	6.3
1,2-Dibromo-3-Chloropropane	< 1.3	1.3	6.3
1,2,4,-Trichlorobenzene	< 1.3	1.3	6.3
Hexachlorobutadiene	< 1.3	1.3	6.3
Naphthalene	< 1.3	1.3	6.3
1,2,3-Trichlorobenzene	< 1.3	1.3	6.3

J : Estimated value below Method Quantitation Limit

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Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837725 : HA-1-2**

Extracted: 08/09/94 Analysed: 08/09/94

Compound	Conc.		Acceptable Method Det. Limit	Method Quant. Limit
Dichlorodifluoromethane	< 1.3		1.3	6.3
Chloromethane	< 2.6		2.6	13
Vinyl Chloride	< 2.6		2.6	13
Bromomethane	< 2.6		2.6	13
Chloroethane	< 2.6		2.6	13
Trichlorofluoromethane	< 1.3		1.3	6.3
1,1-Dichloroethene	< 1.3		1.3	6.3
Acetone	100		2.6	13
Carbon Disulfide	< 1.3		1.3	6.3
Methylene Chloride	3.7	J	1.3	6.3
tert-Butyl methyl ether	< 1.3		1.3	6.3
tert-Butyl alcohol	< 26		26	130
Di-isopropyl ether	< 1.3		1.3	6.3
trans-1,2-Dichloroethene	< 1.3		1.3	6.3
1,1-Dichloroethane	< 1.3		1.3	6.3
2,2-Dichloropropane	< 1.3		1.3	6.3
cis-1,2-Dichloroethene	< 1.3		1.3	6.3
2-Butanone	7.5	J	2.6	13
Chloroform	< 1.3		1.3	6.3
Bromochloromethane	< 1.3		1.3	6.3
1,1,1-Trichloroethane	< 1.3		1.3	6.3
Carbon Tetrachloride	< 1.3		1.3	6.3
1,1-Dichloropropene	< 1.3		1.3	6.3
Benzene	< 1.3		1.3	6.3
1,2-Dichloroethane	< 1.3		1.3	6.3
Trichloroethene	< 1.3		1.3	6.3
1,2-Dichloropropane	< 1.3		1.3	6.3
Bromodichloromethane	< 1.3		1.3	6.3
Dibromomethane	< 1.3		1.3	6.3
4-Methyl-2-Pentanone	< 2.6		2.6	13
Toluene	< 1.3		1.3	6.3
1,1,2-Trichloroethane	< 1.3		1.3	6.3
1,2-Dibromoethane	< 1.3		1.3	6.3
cis-1,3-Dichloropropene	< 1.3		1.3	6.3
trans-1,3-Dichloropropene	< 1.3		1.3	6.3
1,3-Dichloropropane	< 1.3		1.3	6.3
2-Hexanone	< 2.6		2.6	13
Dibromochloromethane	< 1.3		1.3	6.3
Tetrachloroethene	11		1.3	6.3
Chlorobenzene	< 1.3		1.3	6.3

J : Estimated value below Method Quantitation Limit

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837725 : HA-1-2**

Extracted: 08/09/94 Analysed: 08/09/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
1,1,1,2-Tetrachloroethane	< 1.3	1.3	6.3
Ethylbenzene	< 1.3	1.3	6.3
Xylene (m-,p-)	< 1.3	1.3	6.3
o-Xylene	< 1.3	1.3	6.3
Styrene	< 1.3	1.3	6.3
Bromoform	< 1.3	1.3	6.3
Isopropylbenzene	< 1.3	1.3	6.3
1,1,2,2-Tetrachloroethane	< 1.3	1.3	6.3
Bromobenzene	< 1.3	1.3	6.3
1,2,3-Trichloropropane	< 1.3	1.3	6.3
n-Propylbenzene	< 1.3	1.3	6.3
2-Chlorotoluene	< 1.3	1.3	6.3
1,3,5-Trimethylbenzene	< 1.3	1.3	6.3
4-Chlorotoluene	< 1.3	1.3	6.3
tert-Butylbenzene	< 1.3	1.3	6.3
1,2,4-Trimethylbenzene	< 1.3	1.3	6.3
sec-Butylbenzene	< 1.3	1.3	6.3
p-Isopropyltoluene	< 1.3	1.3	6.3
1,3-Dichlorobenzene	< 1.3	1.3	6.3
1,4-Dichlorobenzene	< 1.3	1.3	6.3
n-Butylbenzene	< 1.3	1.3	6.3
1,2-Dichlorobenzene	< 1.3	1.3	6.3
1,2-Dibromo-3-Chloropropane	< 1.3	1.3	6.3
1,2,4,-Trichlorobenzene	< 1.3	1.3	6.3
Hexachlorobutadiene	< 1.3	1.3	6.3
Naphthalene	< 1.3	1.3	6.3
1,2,3-Trichlorobenzene	< 1.3	1.3	6.3

J : Estimated value below Method Quantitation Limit

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Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837730 : HA-2-10**

Extracted: 08/08/94 Analysed: 08/08/94

Compound		Conc.		Acceptable Method Det. Limit	Method Quant. Limit
Dichlorodifluoromethane	<	1.3		1.3	6.3
Chloromethane	<	2.6		2.6	13
Vinyl Chloride	<	2.6		2.6	13
Bromomethane	<	2.6		2.6	13
Chloroethane	<	2.6		2.6	13
Trichlorofluoromethane	<	1.3		1.3	6.3
1,1-Dichloroethene	<	1.3		1.3	6.3
Acetone	<	2.6		2.6	13
Carbon Disulfide	<	1.3		1.3	6.3
Methylene Chloride		5.5	J	1.3	6.3
tert-Butyl methyl ether	<	1.3		1.3	6.3
tert-Butyl alcohol	<	26		26	130
Di-isopropyl ether	<	1.3		1.3	6.3
trans-1,2-Dichloroethene	<	1.3		1.3	6.3
1,1-Dichloroethane	<	1.3		1.3	6.3
2,2-Dichloropropane	<	1.3		1.3	6.3
cis-1,2-Dichloroethene	<	1.3		1.3	6.3
2-Butanone	<	2.6		2.6	13
Chloroform	<	1.3		1.3	6.3
Bromochloromethane	<	1.3		1.3	6.3
1,1,1-Trichloroethane	<	1.3		1.3	6.3
Carbon Tetrachloride	<	1.3		1.3	6.3
1,1-Dichloropropene	<	1.3		1.3	6.3
Benzene	<	1.3		1.3	6.3
1,2-Dichloroethane	<	1.3		1.3	6.3
Trichloroethene	<	1.3		1.3	6.3
1,2-Dichloropropane	<	1.3		1.3	6.3
Bromodichloromethane	<	1.3		1.3	6.3
Dibromomethane	<	1.3		1.3	6.3
4-Methyl-2-Pentanone	<	2.6		2.6	13
Toluene	<	1.3		1.3	6.3
1,1,2-Trichloroethane	<	1.3		1.3	6.3
1,2-Dibromoethane	<	1.3		1.3	6.3
cis-1,3-Dichloropropene	<	1.3		1.3	6.3
trans-1,3-Dichloropropene	<	1.3		1.3	6.3
1,3-Dichloropropane	<	1.3		1.3	6.3
2-Hexanone	<	2.6		2.6	13
Dibromochloromethane	<	1.3		1.3	6.3
Tetrachloroethene	<	1.3		1.3	6.3
Chlorobenzene	<	1.3		1.3	6.3

J : Estimated value below Method Quantitation Limit

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837730 : HA-2-10**

Extracted: 08/08/94 Analysed: 08/08/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
1,1,1,2-Tetrachloroethane	< 1.3	1.3	6.3
Ethylbenzene	< 1.3	1.3	6.3
Xylene (m-,p-)	< 1.3	1.3	6.3
o-Xylene	< 1.3	1.3	6.3
Styrene	< 1.3	1.3	6.3
Bromoform	< 1.3	1.3	6.3
Isopropylbenzene	< 1.3	1.3	6.3
1,1,2,2-Tetrachloroethane	< 1.3	1.3	6.3
Bromobenzene	< 1.3	1.3	6.3
1,2,3-Trichloropropane	33	1.3	6.3
n-Propylbenzene	< 1.3	1.3	6.3
2-Chlorotoluene	< 1.3	1.3	6.3
1,3,5-Trimethylbenzene	< 1.3	1.3	6.3
4-Chlorotoluene	< 1.3	1.3	6.3
tert-Butylbenzene	< 1.3	1.3	6.3
1,2,4-Trimethylbenzene	< 1.3	1.3	6.3
sec-Butylbenzene	< 1.3	1.3	6.3
p-Isopropyltoluene	< 1.3	1.3	6.3
1,3-Dichlorobenzene	< 1.3	1.3	6.3
1,4-Dichlorobenzene	< 1.3	1.3	6.3
n-Butylbenzene	< 1.3	1.3	6.3
1,2-Dichlorobenzene	< 1.3	1.3	6.3
1,2-Dibromo-3-Chloropropane	< 1.3	1.3	6.3
1,2,4,-Trichlorobenzene	< 1.3	1.3	6.3
Hexachlorobutadiene	< 1.3	1.3	6.3
Naphthalene	< 1.3	1.3	6.3
1,2,3-Trichlorobenzene	< 1.3	1.3	6.3

J : Estimated value below Method Quantitation Limit

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Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837732 : HA-3-4.5**

Extracted: 08/09/94 Analysed: 08/09/94

Compound	Conc.		Acceptable Method Det. Limit	Method Quant. Limit
Dichlorodifluoromethane	< 1.3		1.3	6.3
Chloromethane	< 2.6		2.6	13
Vinyl Chloride	< 2.6		2.6	13
Bromomethane	< 2.6		2.6	13
Chloroethane	< 2.6		2.6	13
Trichlorofluoromethane	< 1.3		1.3	6.3
1,1-Dichloroethene	< 1.3		1.3	6.3
Acetone	< 2.6		2.6	13
Carbon Disulfide	< 1.3		1.3	6.3
Methylene Chloride	3.0	J	1.3	6.3
tert-Butyl methyl ether	< 1.3		1.3	6.3
tert-Butyl alcohol	< 26		26	130
Di-isopropyl ether	< 1.3		1.3	6.3
trans-1,2-Dichloroethene	< 1.3		1.3	6.3
1,1-Dichloroethane	< 1.3		1.3	6.3
2,2-Dichloropropane	< 1.3		1.3	6.3
cis-1,2-Dichloroethene	< 1.3		1.3	6.3
2-Butanone	< 2.6		2.6	13
Chloroform	< 1.3		1.3	6.3
Bromochloromethane	< 1.3		1.3	6.3
1,1,1-Trichloroethane	< 1.3		1.3	6.3
Carbon Tetrachloride	< 1.3		1.3	6.3
1,1-Dichloropropene	< 1.3		1.3	6.3
Benzene	< 1.3		1.3	6.3
1,2-Dichloroethane	< 1.3		1.3	6.3
Trichloroethene	< 1.3		1.3	6.3
1,2-Dichloropropane	< 1.3		1.3	6.3
Bromodichloromethane	< 1.3		1.3	6.3
Dibromomethane	< 1.3		1.3	6.3
4-Methyl-2-Pentanone	< 2.6		2.6	13
Toluene	< 1.3		1.3	6.3
1,1,2-Trichloroethane	< 1.3		1.3	6.3
1,2-Dibromoethane	< 1.3		1.3	6.3
cis-1,3-Dichloropropene	< 1.3		1.3	6.3
trans-1,3-Dichloropropene	< 1.3		1.3	6.3
1,3-Dichloropropane	< 1.3		1.3	6.3
2-Hexanone	< 2.6		2.6	13
Dibromochloromethane	< 1.3		1.3	6.3
Tetrachloroethene	< 1.3		1.3	6.3
Chlorobenzene	< 1.3		1.3	6.3

J : Estimated value below Method Quantitation Limit

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837732 : HA-3-4.5**

Extracted: 08/09/94 Analysed: 08/09/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
1,1,1,2-Tetrachloroethane	< 1.3	1.3	6.3
Ethylbenzene	< 1.3	1.3	6.3
Xylene (m-,p-)	< 1.3	1.3	6.3
o-Xylene	< 1.3	1.3	6.3
Styrene	< 1.3	1.3	6.3
Bromoform	< 1.3	1.3	6.3
Isopropylbenzene	< 1.3	1.3	6.3
1,1,2,2-Tetrachloroethane	< 1.3	1.3	6.3
Bromobenzene	< 1.3	1.3	6.3
1,2,3-Trichloropropane	< 1.3	1.3	6.3
n-Propylbenzene	< 1.3	1.3	6.3
2-Chlorotoluene	< 1.3	1.3	6.3
1,3,5-Trimethylbenzene	< 1.3	1.3	6.3
4-Chlorotoluene	< 1.3	1.3	6.3
tert-Butylbenzene	< 1.3	1.3	6.3
1,2,4-Trimethylbenzene	< 1.3	1.3	6.3
sec-Butylbenzene	< 1.3	1.3	6.3
p-Isopropyltoluene	< 1.3	1.3	6.3
1,3-Dichlorobenzene	< 1.3	1.3	6.3
1,4-Dichlorobenzene	< 1.3	1.3	6.3
n-Butylbenzene	< 1.3	1.3	6.3
1,2-Dichlorobenzene	< 1.3	1.3	6.3
1,2-Dibromo-3-Chloropropane	< 1.3	1.3	6.3
1,2,4,-Trichlorobenzene	< 1.3	1.3	6.3
Hexachlorobutadiene	< 1.3	1.3	6.3
Naphthalene	< 1.3	1.3	6.3
1,2,3-Trichlorobenzene	< 1.3	1.3	6.3

J : Estimated value below Method Quantitation Limit

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Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837733 : HA-4-2**

Extracted: 08/09/94 Analysed: 08/09/94

Compound	Conc.		Acceptable Method Det. Limit	Method Quant. Limit
Dichlorodifluoromethane	< 1.3		1.3	6.3
Chloromethane	< 2.6		2.6	13
Vinyl Chloride	< 2.6		2.6	13
Bromomethane	< 2.6		2.6	13
Chloroethane	< 2.6		2.6	13
Trichlorofluoromethane	< 1.3		1.3	6.3
1,1-Dichloroethene	< 1.3		1.3	6.3
Acetone	< 2.6		2.6	13
Carbon Disulfide	< 1.3		1.3	6.3
Methylene Chloride	2.1	J	1.3	6.3
tert-Butyl methyl ether	< 1.3		1.3	6.3
tert-Butyl alcohol	< 26		26	130
Di-isopropyl ether	< 1.3		1.3	6.3
trans-1,2-Dichloroethene	< 1.3		1.3	6.3
1,1-Dichloroethane	< 1.3		1.3	6.3
2,2-Dichloropropane	< 1.3		1.3	6.3
cis-1,2-Dichloroethene	< 1.3		1.3	6.3
2-Butanone	< 2.6		2.6	13
Chloroform	< 1.3		1.3	6.3
Bromochloromethane	< 1.3		1.3	6.3
1,1,1-Trichloroethane	< 1.3		1.3	6.3
Carbon Tetrachloride	< 1.3		1.3	6.3
1,1-Dichloropropene	< 1.3		1.3	6.3
Benzene	< 1.3		1.3	6.3
1,2-Dichloroethane	< 1.3		1.3	6.3
Trichloroethene	< 1.3		1.3	6.3
1,2-Dichloropropane	< 1.3		1.3	6.3
Bromodichloromethane	< 1.3		1.3	6.3
Dibromomethane	< 1.3		1.3	6.3
4-Methyl-2-Pentanone	< 2.6		2.6	13
Toluene	< 1.3		1.3	6.3
1,1,2-Trichloroethane	< 1.3		1.3	6.3
1,2-Dibromoethane	< 1.3		1.3	6.3
cis-1,3-Dichloropropene	< 1.3		1.3	6.3
trans-1,3-Dichloropropene	< 1.3		1.3	6.3
1,3-Dichloropropane	< 1.3		1.3	6.3
2-Hexanone	< 2.6		2.6	13
Dibromochloromethane	< 1.3		1.3	6.3
Tetrachloroethene	< 1.3		1.3	6.3
Chlorobenzene	< 1.3		1.3	6.3

J : Estimated value below Method Quantitation Limit

Method: **8260** Matrix: **SOIL** Units: **UG/KG**
Sample: **0000837733 : HA-4-2**

Extracted: 08/09/94 Analysed: 08/09/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
1,1,1,2-Tetrachloroethane	< 1.3	1.3	6.3
Ethylbenzene	< 1.3	1.3	6.3
Xylene (m-,p-)	< 1.3	1.3	6.3
o-Xylene	< 1.3	1.3	6.3
Styrene	< 1.3	1.3	6.3
Bromoform	< 1.3	1.3	6.3
Isopropylbenzene	< 1.3	1.3	6.3
1,1,2,2-Tetrachloroethane	< 1.3	1.3	6.3
Bromobenzene	< 1.3	1.3	6.3
1,2,3-Trichloropropane	< 1.3	1.3	6.3
n-Propylbenzene	< 1.3	1.3	6.3
2-Chlorotoluene	< 1.3	1.3	6.3
1,3,5-Trimethylbenzene	< 1.3	1.3	6.3
4-Chlorotoluene	< 1.3	1.3	6.3
tert-Butylbenzene	< 1.3	1.3	6.3
1,2,4-Trimethylbenzene	< 1.3	1.3	6.3
sec-Butylbenzene	< 1.3	1.3	6.3
p-Isopropyltoluene	< 1.3	1.3	6.3
1,3-Dichlorobenzene	< 1.3	1.3	6.3
1,4-Dichlorobenzene	< 1.3	1.3	6.3
n-Butylbenzene	< 1.3	1.3	6.3
1,2-Dichlorobenzene	< 1.3	1.3	6.3
1,2-Dibromo-3-Chloropropane	< 1.3	1.3	6.3
1,2,4,-Trichlorobenzene	< 1.3	1.3	6.3
Hexachlorobutadiene	< 1.3	1.3	6.3
Naphthalene	< 1.3	1.3	6.3
1,2,3-Trichlorobenzene	< 1.3	1.3	6.3

J : Estimated value below Method Quantitation Limit

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PSI-LA

Method: **8260** Matrix: **WATER** Units: **ug/L**
Sample: **VBLK2049 MB : VBLK2049**

Extracted: 08/08/94 Analysed: 08/08/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
Dichlorodifluoromethane	< 1.0	1.0	5.0
Chloromethane	< 2.0	2.0	10
Vinyl Chloride	< 2.0	2.0	10
Bromomethane	< 2.0	2.0	10
Chloroethane	< 2.0	2.0	10
Trichlorofluoromethane	< 1.0	1.0	5.0
1,1-Dichloroethene	< 1.0	1.0	5.0
Acetone	< 2.0	2.0	10
Carbon Disulfide	< 1.0	1.0	5.0
Methylene Chloride	< 1.0	1.0	5.0
tert-Butyl methyl ether	< 1.0	1.0	5.0
tert-Butyl alcohol	< 20	20	100
Di-isopropyl ether	< 1.0	1.0	5.0
trans-1,2-Dichloroethene	< 1.0	1.0	5.0
1,1-Dichloroethane	< 1.0	1.0	5.0
2,2-Dichloropropane	< 1.0	1.0	5.0
cis-1,2-Dichloroethene	< 1.0	1.0	5.0
2-Butanone	< 2.0	2.0	10
Chloroform	< 1.0	1.0	5.0
Bromochloromethane	< 1.0	1.0	5.0
1,1,1-Trichloroethane	< 1.0	1.0	5.0
Carbon Tetrachloride	< 1.0	1.0	5.0
1,1-Dichloropropene	< 1.0	1.0	5.0
Benzene	< 1.0	1.0	5.0
1,2-Dichloroethane	< 1.0	1.0	5.0
Trichloroethene	< 1.0	1.0	5.0
1,2-Dichloropropane	< 1.0	1.0	5.0
Bromodichloromethane	< 1.0	1.0	5.0
Dibromomethane	< 1.0	1.0	5.0
4-Methyl-2-Pentanone	< 2.0	2.0	10
Toluene	< 1.0	1.0	5.0
1,1,2-Trichloroethane	< 1.0	1.0	5.0
1,2-Dibromoethane	< 1.0	1.0	5.0
cis-1,3-Dichloropropene	< 1.0	1.0	5.0
trans-1,3-Dichloropropene	< 1.0	1.0	5.0
1,3-Dichloropropane	< 1.0	1.0	5.0
2-Hexanone	< 2.0	2.0	10
Dibromochloromethane	< 1.0	1.0	5.0
Tetrachloroethene	< 1.0	1.0	5.0
Chlorobenzene	< 1.0	1.0	5.0

J : Estimated value below Method Quantitation Limit

Method: **8260** Matrix: **WATER** Units: **ug/L**
Sample: **VBLK2049 MB : VBLK2049**

Extracted: 08/08/94 Analysed: 08/08/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
1,1,1,2-Tetrachloroethane	< 1.0	1.0	5.0
Ethylbenzene	< 1.0	1.0	5.0
Xylene (m-,p-)	< 1.0	1.0	5.0
o-Xylene	< 1.0	1.0	5.0
Styrene	< 1.0	1.0	5.0
Bromoform	< 1.0	1.0	5.0
Isopropylbenzene	< 1.0	1.0	5.0
1,1,2,2-Tetrachloroethane	< 1.0	1.0	5.0
Bromobenzene	< 1.0	1.0	5.0
1,2,3-Trichloropropane	< 1.0	1.0	5.0
n-Propylbenzene	< 1.0	1.0	5.0
2-Chlorotoluene	< 1.0	1.0	5.0
1,3,5-Trimethylbenzene	< 1.0	1.0	5.0
4-Chlorotoluene	< 1.0	1.0	5.0
tert-Butylbenzene	< 1.0	1.0	5.0
1,2,4-Trimethylbenzene	< 1.0	1.0	5.0
sec-Butylbenzene	< 1.0	1.0	5.0
p-Isopropyltoluene	< 1.0	1.0	5.0
1,3-Dichlorobenzene	< 1.0	1.0	5.0
1,4-Dichlorobenzene	< 1.0	1.0	5.0
n-Butylbenzene	< 1.0	1.0	5.0
1,2-Dichlorobenzene	< 1.0	1.0	5.0
1,2-Dibromo-3-Chloropropane	< 1.0	1.0	5.0
1,2,4,-Trichlorobenzene	< 1.0	1.0	5.0
Hexachlorobutadiene	< 1.0	1.0	5.0
Naphthalene	< 1.0	1.0	5.0
1,2,3-Trichlorobenzene	< 1.0	1.0	5.0

J : Estimated value below Method Quantitation Limit

Professional Service Industries
4820 West 15th Street
Lawrence, KS 66044

Report #: 5940P588:36324

PSI-LA

Method: **8260** Matrix: **WATER** Units: **ug/L**
Sample: **VBLK2050 MB : VBLK2050**

Extracted: 08/09/94 Analysed: 08/09/94

Compound		Conc.		Acceptable Method Det. Limit	Method Quant. Limit
Dichlorodifluoromethane	<	1.0		1.0	5.0
Chloromethane	<	2.0		2.0	10
Vinyl Chloride	<	2.0		2.0	10
Bromomethane	<	2.0		2.0	10
Chloroethane	<	2.0		2.0	10
Trichlorofluoromethane	<	1.0		1.0	5.0
1,1-Dichloroethene	<	1.0		1.0	5.0
Acetone	<	2.0		2.0	10
Carbon Disulfide	<	1.0		1.0	5.0
Methylene Chloride		1.5	J	1.0	5.0
tert-Butyl methyl ether	<	1.0		1.0	5.0
tert-Butyl alcohol	<	20		20	100
Di-isopropyl ether	<	1.0		1.0	5.0
trans-1,2-Dichloroethene	<	1.0		1.0	5.0
1,1-Dichloroethane	<	1.0		1.0	5.0
2,2-Dichloropropane	<	1.0		1.0	5.0
cis-1,2-Dichloroethene	<	1.0		1.0	5.0
2-Butanone	<	2.0		2.0	10
Chloroform	<	1.0		1.0	5.0
Bromochloromethane	<	1.0		1.0	5.0
1,1,1-Trichloroethane	<	1.0		1.0	5.0
Carbon Tetrachloride	<	1.0		1.0	5.0
1,1-Dichloropropene	<	1.0		1.0	5.0
Benzene	<	1.0		1.0	5.0
1,2-Dichloroethane	<	1.0		1.0	5.0
Trichloroethene	<	1.0		1.0	5.0
1,2-Dichloropropane	<	1.0		1.0	5.0
Bromodichloromethane	<	1.0		1.0	5.0
Dibromomethane	<	1.0		1.0	5.0
4-Methyl-2-Pentanone	<	2.0		2.0	10
Toluene	<	1.0		1.0	5.0
1,1,2-Trichloroethane	<	1.0		1.0	5.0
1,2-Dibromoethane	<	1.0		1.0	5.0
cis-1,3-Dichloropropene	<	1.0		1.0	5.0
trans-1,3-Dichloropropene	<	1.0		1.0	5.0
1,3-Dichloropropane	<	1.0		1.0	5.0
2-Hexanone	<	2.0		2.0	10
Dibromochloromethane	<	1.0		1.0	5.0
Tetrachloroethene	<	1.0		1.0	5.0
Chlorobenzene	<	1.0		1.0	5.0

J : Estimated value below Method Quantitation Limit

Method: **8260** Matrix: **WATER** Units: **ug/L**
Sample: **VBLK2050 MB : VBLK2050**

Extracted: 08/09/94 Analysed: 08/09/94

Compound	Conc.	Acceptable Method Det. Limit	Method Quant. Limit
1,1,1,2-Tetrachloroethane	< 1.0	1.0	5.0
Ethylbenzene	< 1.0	1.0	5.0
Xylene (m-,p-)	< 1.0	1.0	5.0
o-Xylene	< 1.0	1.0	5.0
Styrene	< 1.0	1.0	5.0
Bromoform	< 1.0	1.0	5.0
Isopropylbenzene	< 1.0	1.0	5.0
1,1,2,2-Tetrachloroethane	< 1.0	1.0	5.0
Bromobenzene	< 1.0	1.0	5.0
1,2,3-Trichloropropane	< 1.0	1.0	5.0
n-Propylbenzene	< 1.0	1.0	5.0
2-Chlorotoluene	< 1.0	1.0	5.0
1,3,5-Trimethylbenzene	< 1.0	1.0	5.0
4-Chlorotoluene	< 1.0	1.0	5.0
tert-Butylbenzene	< 1.0	1.0	5.0
1,2,4-Trimethylbenzene	< 1.0	1.0	5.0
sec-Butylbenzene	< 1.0	1.0	5.0
p-Isopropyltoluene	< 1.0	1.0	5.0
1,3-Dichlorobenzene	< 1.0	1.0	5.0
1,4-Dichlorobenzene	< 1.0	1.0	5.0
n-Butylbenzene	< 1.0	1.0	5.0
1,2-Dichlorobenzene	< 1.0	1.0	5.0
1,2-Dibromo-3-Chloropropane	< 1.0	1.0	5.0
1,2,4,-Trichlorobenzene	< 1.0	1.0	5.0
Hexachlorobutadiene	< 1.0	1.0	5.0
Naphthalene	< 1.0	1.0	5.0
1,2,3-Trichlorobenzene	< 1.0	1.0	5.0

J : Estimated value below Method Quantitation Limit

Professional Service Industries
4820 West 15th Street
Lawrence, KS 66044

Report #: 5940P588:36324

Surrogate Recovery Summary
PSI-LA

Method: **8260** Matrix: **WATER**
Sample: **VBLK2049 MB : VBLK2049**

Surrogate Compound	% Recovered	Range
1,2-Dichloroethane-d4	99.0	76-114
Bromofluorobenzene	92.5	86-115
Toluene-d8	103.0	88-110

Method: **8260** Matrix: **WATER**
Sample: **VBLK2050 MB : VBLK2050**

Surrogate Compound	% Recovered	Range
1,2-Dichloroethane-d4	97.2	76-114
Bromofluorobenzene	91.4	86-115
Toluene-d8	98.7	88-110

Method: **8260** Matrix: **SOIL**
Sample: **0000837688 : B-1-2**

Surrogate Compound	% Recovered	Range
1,2-Dichloroethane-d4	96.8	70-121
Bromofluorobenzene	95.1	74-121
Toluene-d8	103.0	81-117

Method: **8260** Matrix: **SOIL**
Sample: **0000837692 : B-2-2**

Surrogate Compound	% Recovered	Range
1,2-Dichloroethane-d4	98.7	70-121
Bromofluorobenzene	89.6	74-121
Toluene-d8	101.0	81-117

*: Surrogate recovery out of range.

Method: **8260** Matrix: **SOIL**
Sample: **0000837696 : B-3-2**

Surrogate Compound	% Recovered	Range
1,2-Dichloroethane-d4	97.5	70-121
Bromofluorobenzene	91.9	74-121
Toluene-d8	97.4	81-117

Method: **8260** Matrix: **SOIL**
Sample: **0000837700 : B-4-2**

Surrogate Compound	% Recovered	Range
1,2-Dichloroethane-d4	103.0	70-121
Bromofluorobenzene	93.4	74-121
Toluene-d8	104.0	81-117

Method: **8260** Matrix: **SOIL**
Sample: **0000837704 : B-5-4**

Surrogate Compound	% Recovered	Range
1,2-Dichloroethane-d4	102.0	70-121
Bromofluorobenzene	93.8	74-121
Toluene-d8	104.0	81-117

Method: **8260** Matrix: **SOIL**
Sample: **0000837710 : B-6-10**

Surrogate Compound	% Recovered	Range
1,2-Dichloroethane-d4	98.7	70-121
Bromofluorobenzene	89.4	74-121
Toluene-d8	98.7	81-117

Method: **8260** Matrix: **SOIL**
Sample: **0000837714 : B-7-10**

Surrogate Compound	% Recovered	Range
1,2-Dichloroethane-d4	99.8	70-121
Bromofluorobenzene	193.0*	74-121
Toluene-d8	95.1	81-117

*: Surrogate recovery out of range.

Method: **8260** Matrix: **SOIL**
Sample: **0000837715 : B-7-15**

Surrogate Compound	% Recovered	Range
1,2-Dichloroethane-d4	189.0*	70-121
Bromofluorobenzene	78.5	74-121
Toluene-d8	82.5	81-117

Method: **8260** Matrix: **SOIL**
Sample: **0000837717 : B-7-25**

Surrogate Compound	% Recovered	Range
1,2-Dichloroethane-d4	158.0*	70-121
Bromofluorobenzene	71.8*	74-121
Toluene-d8	78.7*	81-117

Method: **8260** Matrix: **SOIL**
Sample: **0000837717 : B-7-20**

Surrogate Compound	% Recovered	Range
1,2-Dichloroethane-d4	118.0	70-121
Bromofluorobenzene	67.8*	74-121
Toluene-d8	80.5*	81-117

Method: **8260** Matrix: **SOIL**
Sample: **0000837719 : B-7-35**

Surrogate Compound	% Recovered	Range
1,2-Dichloroethane-d4	94.5	70-121
Bromofluorobenzene	93.3	74-121
Toluene-d8	102.0	81-117

Method: **8260** Matrix: **SOIL**
Sample: **0000837720 : B-8-2**

Surrogate Compound	% Recovered	Range
1,2-Dichloroethane-d4	92.8	70-121
Bromofluorobenzene	92.2	74-121
Toluene-d8	99.3	81-117

*: Surrogate recovery out of range.

Method: **8260** Matrix: **SOIL**
Sample: **0000837725 : HA-1-2**

Surrogate Compound	% Recovered	Range
1,2-Dichloroethane-d4	114.0	70-121
Bromofluorobenzene	87.5	74-121
Toluene-d8	94.4	81-117

Method: **8260** Matrix: **SOIL**
Sample: **0000837730 : HA-2-10**

Surrogate Compound	% Recovered	Range
1,2-Dichloroethane-d4	95.5	70-121
Bromofluorobenzene	90.5	74-121
Toluene-d8	98.3	81-117

Method: **8260** Matrix: **SOIL**
Sample: **0000837732 : HA-3-4.5**

Surrogate Compound	% Recovered	Range
1,2-Dichloroethane-d4	93.4	70-121
Bromofluorobenzene	93.9	74-121
Toluene-d8	101.0	81-117

Method: **8260** Matrix: **SOIL**
Sample: **0000837733 : HA-4-2**

Surrogate Compound	% Recovered	Range
1,2-Dichloroethane-d4	93.5	70-121
Bromofluorobenzene	96.6	74-121
Toluene-d8	99.6	81-117

*: Surrogate recovery out of range.

CHAIN OF CUSTODY RECORD

psi Professional Service Industries, Inc. (1)

PROJECT NAME: 11630-11700 Burke ST	REPORT TO: Glenn Hilton	INVOICE TO: N/A
PROJECT NUMBER: 588-4I008	PROJECT MANAGER: "	ADDRESS:
P.O. NUMBER: "	ADDRESS: PSI 500 W. Central Ste A	CITY / STATE / ZIP:
REQUIRED DUE DATE: 8/10/94	CITY / STATE / ZIP: Brea CA 92621	ATTENTION:
SAMPLES TO LAB VIA: FE Exp.	TELEPHONE: 714 671 ~~[illegible]~~ /072 FAX: 714 671 1194	TELEPHONE:
NUMBER OF COOLERS: 2	REPORT VIA: VERBAL FAX / U.S. MAIL/OVERNIGHT	

LABORATORY SUBMITTED TO:

- ☐ 6913 Hwy. 225, Deer Park, TX 77536, (713) 479-8307
- ☒ 4820 W. 15th Street, Lawrence, KS 66049, (800) 548-7901
- ☐ 6056 Ulmerton Road, Clearwater, FL 34620, (813) 531-1446
- ☐ 850 Poplar Street, Pittsburgh, PA 15220, (412) 922-4000

TRANSFER NUMBER	RELINQUISHED BY DATE / TIME	ACCEPTED BY DATE / TIME	SEAL NUMBER
	8/5/94	Chris Korb 8/8/94 6:51	

LABORATORY USE ONLY

FIELD SERVICES Y/N $

SHIPPING Y/N $

LABORATORY USE ONLY

ANALYTICAL DUE DATE: 8/9/94

REPORT DUE DATE:

INORGANIC Sect ____ Row (1) ORGANIC Sect ____ Row ____

PSI PROJECT NAME: PSI-CA

PSI PROJECT #: 5940P588

PSI BATCH #: 36324

LABORATORY USE ONLY

SAMPLE CUSTODIAN: Chris Korb

DATE / TIME: 8-8-94 6:51

PARAMETER LIST

SAMPLE IDENTIFICATION	DATE / TIME	COMP-C GRAB-B	SOIL-S WATER-W WASTE-X	LAB USE ONLY LAB NUMBER	NUMBER OF CONTAINERS	8015 EXTRACTABLE	8240 + TPH	TITLE 22 METALS	HOLD											
B-1-2	8/3/94	B	S	837688	1	X	X	X												3D TAT
1-5	↓	↓	↓	689	↓					X										Hold
1-10	↓	↓	↓	690	↓					X										↓
1-15	↓	↓	↓	691	↓					X										↓
B-2-2	↓	↓	↓	692	↓	X	X	X												3D TAT
2-5	↓	↓	↓	693	↓					X										Hold
2-10	↓	↓	↓	694	↓					X										↓
2-15	↓	↓	↓	837695	↓					X										↓
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

ADDITIONAL REMARKS: 3 DAY TAT

Pg 1 of 6

SAMPLER'S SIGNATURE: [signature]

6/5/M/K

PSI A 600 10 (1)

CHAIN OF CUSTODY RECORD

PSI — Professional Service Industries, Inc.

(2)

PROJECT NAME: 11630-11700	REPORT TO: G. Hrnn	INVOICE TO:
PROJECT NUMBER: 588-41008	PROJECT MANAGER:	ADDRESS:
P.O. NUMBER: 1	ADDRESS: 5225 PS5	CITY / STATE / ZIP:
REQUIRED DUE DATE: 8/10/94	CITY / STATE / ZIP: Dallas	ATTENTION:
SAMPLES TO LAB VIA: FED EX	TELEPHONE: FAX:	TELEPHONE:
NUMBER OF COOLERS: 2	REPORT VIA: VERBAL FAX / U.S. MAIL/OVERNIGHT	

LABORATORY SUBMITTED TO:

- ☐ 6913 Hwy. 225, Deer Park, TX 77536, (713) 479-8307
- ☒ 4820 W. 15th Street, Lawrence, KS 66049, (800) 548-7901
- ☐ 6056 Ulmerton Road, Clearwater, FL 34620, (813) 531-1446
- ☐ 850 Poplar Street, Pittsburgh, PA 15220, (412) 922-4000

TRANSFER NUMBER	RELINQUISHED BY DATE / TIME	ACCEPTED BY DATE / TIME	SEAL NUMBER
	8/5/94 1200	Chris Korb 8/8/94 6:51	

LABORATORY USE ONLY

- FIELD SERVICES Y/N $
- SHIPPING Y/N $

LABORATORY USE ONLY

- ANALYTICAL DUE DATE: 8/9/94
- REPORT DUE DATE:
- INORGANIC Sect ____ Row (1) ____ ORGANIC Sect ____ Row ____
- PSI PROJECT NAME: PSI-4A
- PSI PROJECT #: 5940PS88
- PSI BATCH #: 36324

LABORATORY USE ONLY

- SAMPLE CUSTODIAN: Chris Korb
- DATE / TIME: 8-8-94 6:51

PARAMETER LIST

SAMPLE IDENTIFICATION	DATE / TIME	COMP-C GRAB-B	SOIL-S WATER-W WASTE-X	LAB USE ONLY LAB NUMBER	NUMBER OF CONTAINERS	8013 Halogenated	8240 Volatile	1312 Metals	Hold													
B-3-2	8/3/94	B	S	837696	1	X	X	X														3 D TAT
3-5				697						X												Hold
3-10				698						X												
3-15				699						X												
B-4-2				700		X	X	X														3 D TAT
4-5				701						X												Hold
4-10				702						X												
4-15				837703						X												

ADDITIONAL REMARKS: 3 DAY TAT

PS 2066

SAMPLER'S SIGNATURE: [signature]

8/5/94

PSI # 600 10/91

CHAIN OF CUSTODY RECORD

psi Professional Service Industries, Inc.

(3)

PROJECT NAME: 11630-11700 BURKE ST	REPORT TO: G. HILTON	INVOICE TO:
PROJECT NUMBER: 588-4I008	PROJECT MANAGER:	ADDRESS:
P.O. NUMBER: "	ADDRESS: SEE Pg 1 PSI	CITY / STATE / ZIP:
REQUIRED DUE DATE: 8/10/94	CITY / STATE / ZIP: BREA CA	ATTENTION:
SAMPLES TO LAB VIA: FED EX	TELEPHONE: FAX:	TELEPHONE:
NUMBER OF COOLERS: 2	REPORT VIA: VERBAL FAX U.S. MAIL/OVERNIGHT	

LABORATORY SUBMITTED TO:

- ☐ 6913 Hwy. 225, Deer Park, TX 77536, (713) 479-8307
- ☒ 4820 W. 15th Street, Lawrence, KS 66049, (800) 548-7901
- ☐ 6056 Ulmerton Road, Clearwater, FL 34620, (813) 531-1446
- ☐ 850 Poplar Street, Pittsburgh, PA 15220, (412) 922-4000

TRANSFER NUMBER	RELINQUISHED BY DATE / TIME	ACCEPTED BY DATE / TIME	SEAL NUMBER
	8/5/94 12:00	Chris Korb 8/8/94 6:51	

LABORATORY USE ONLY

FIELD SERVICES Y/N $

SHIPPING Y/N $

LABORATORY USE ONLY

ANALYTICAL DUE DATE 8/9/94

REPORT DUE DATE

INORGANIC Sect ____ Row (1) ORGANIC Sect ____ Row ____

PSI PROJECT NAME PSI-LA

PSI PROJECT # 5940P588

PSI BATCH # 36324

LABORATORY USE ONLY

SAMPLE CUSTODIAN: Chris Korb

DATE / TIME: 8-8-94 6:51

PARAMETER LIST

SAMPLE IDENTIFICATION	DATE / TIME	COMP-C GRAB-B	SOIL-S WATER-W WASTE-X	LAB USE ONLY LAB NUMBER	NUMBER OF CONTAINERS	8015 Extraction	8240 4TPHs	TITLE 22 Metals	HOLD	
B-5-4			S	837704	1	X	X	X		3 Day TAT
5-5				705					X	Hold
5-10				706					X	
5-15				707					X	
B-6-2				708					X	
6-5				709					X	
6-10				710		X	X	X		3 Day TAT
6-15				837711					X	Hold

ADDITIONAL REMARKS 3 Day TAT

Pg 3 of 6

SAMPLER'S SIGNATURE [signature]

PSI A 600-10 (1)

CHAIN OF CUSTODY RECORD

psi — Professional Service Industries, Inc.

(4)

PROJECT NAME: 11630-11700 Burke St	REPORT TO: G. Horton	INVOICE TO:
PROJECT NUMBER: 588-41008	PROJECT MANAGER:	ADDRESS:
P.O. NUMBER: "	ADDRESS: 523 Pg PSI	CITY / STATE / ZIP:
REQUIRED DUE DATE: 8/10/94	CITY / STATE / ZIP: Brea CA	ATTENTION:
SAMPLES TO LAB VIA: Fed Ex	TELEPHONE / FAX:	TELEPHONE:
NUMBER OF COOLERS: 2	REPORT VIA: VERBAL FAX / U.S. MAIL/OVERNIGHT	

LABORATORY SUBMITTED TO:

- ☐ 6913 Hwy. 225, Deer Park, TX 77536, (713) 479-8307
- ☐ 6056 Ulmerton Road, Clearwater, FL 34620, (813) 531-1446
- ☒ 4820 W. 15th Street, Lawrence, KS 66049, (800) 548-7901
- ☐ 850 Poplar Street, Pittsburgh, PA 15220, (412) 922-4000

TRANSFER NUMBER	RELINQUISHED BY DATE / TIME	ACCEPTED BY DATE / TIME	SEAL NUMBER
	8/5/94 12:00	Chris Korb 8/8/94 6:51	

LABORATORY USE ONLY

FIELD SERVICES Y/N $

SHIPPING Y/N $

LABORATORY USE ONLY

ANALYTICAL DUE DATE 8/9/94

REPORT DUE DATE

INORGANIC Sect ____ Row (1) ____ ORGANIC Sect ____ Row ____

PSI PROJECT NAME PSI-CA

PSI PROJECT # 5940P588

PSI BATCH # 36324

LABORATORY USE ONLY

SAMPLE CUSTODIAN: Chris Korb

DATE / TIME: 8-8-94 6:51

PARAMETER LIST

SAMPLE IDENTIFICATION	DATE / TIME	COMP-C GRAB-B	SOIL-S WATER-W WASTE-X	LAB USE ONLY LAB NUMBER	NUMBER OF CONTAINERS	VOCs (Aromatics)	B240 + TPHG	Titrate 22 Metals	HOLD	
B-7-2	8/4/94	B	S	837712	1				X	Hold
7-5				713					X	↓
7-10				714		X	X	X		3 DAY TAT
7-15				715		X	X	X		↓
7-20				716					X	Hold
7-25				717		X	X	X		3 DAY TAT
7-30				718					X	Hold
7-35	↓	↓	↓	837719	↓	X	X	X		3 DAY TAT
—	—	—	—							

ADDITIONAL REMARKS: 3 DAY TAT

PS 4-6

SAMPLER'S SIGNATURE: [signature]

PSI A-F00-10 (1)

CHAIN OF CUSTODY RECORD

psi Professional Service Industries, Inc.

(5)

PROJECT NAME: 11630 ~ 11700 Burke St	REPORT TO: G. Hilton	INVOICE TO:
PROJECT NUMBER: 588-4I008	PROJECT MANAGER: BG	ADDRESS:
P.O. NUMBER: 11	ADDRESS: PSI	CITY / STATE / ZIP:
REQUIRED DUE DATE: 8/10/94	CITY / STATE / ZIP: Brea CA	ATTENTION:
SAMPLES TO LAB VIA: FED EX	TELEPHONE: FAX:	TELEPHONE:
NUMBER OF COOLERS: 2	REPORT VIA: VERBAL FAX / U.S. MAIL/OVERNIGHT	

LABORATORY SUBMITTED TO:

- ☐ 6913 Hwy. 225, Deer Park, TX 77536, (713) 479-8307
- ☒ 4820 W. 15th Street, Lawrence, KS 66049, (800) 548-7901
- ☐ 6056 Ulmerton Road, Clearwater, FL 34620, (813) 531-1446
- ☐ 850 Poplar Street, Pittsburgh, PA 15220, (412) 922-4000

TRANSFER NUMBER	RELINQUISHED BY DATE / TIME	ACCEPTED BY DATE / TIME	SEAL NUMBER
	8/5/94 12:00	Chris Korb 8/8/94 6:51	

LABORATORY USE ONLY

FIELD SERVICES Y/N $

SHIPPING Y/N $

LABORATORY USE ONLY

ANALYTICAL DUE DATE / REPORT DUE DATE: 8/9/94

INORGANIC Sect ____ Row (1) ORGANIC Sect ____ Row ____

PSI PROJECT NAME: PSI-LA

PSI PROJECT #: 5940PS88

PSI BATCH #: 36324

LABORATORY USE ONLY

SAMPLE CUSTODIAN: Chris Korb

DATE / TIME: 8-8-94 6:51

PARAMETER LIST

SAMPLE IDENTIFICATION	DATE / TIME	COMP-C GRAB-B	SOIL-S WATER-W WASTE-X	LAB USE ONLY LAB NUMBER	NUMBER OF CONTAINERS	8015 EX MALTABLES	8240 + TPHg	TITLE 22 MTLS	HOLD											
B-8-2	8/4/94	B	S	837720	1	X	X	X												3 Day TAT
8-5				721					X											Hold
8-10				722					X											
8-15				723					X											
HA-1-1	8/3/94			724					X											
HA-1-2				725		X	X	X												3 Day TAT
HA-1-5				726					X											Hold
HA-1-8	8/4/94			837727					X											

ADDITIONAL REMARKS: 3 Day TAT

Pg 5 of 6

SAMPLER'S SIGNATURE: [signature]

PSI A 600 10 (1)

CHAIN OF CUSTODY RECORD

psi Professional Service Industries, Inc.

(6)

PROJECT NAME	REPORT TO	INVOICE TO
11630-11700 Burke ST		
PROJECT NUMBER: 588-45008	PROJECT MANAGER	ADDRESS
P.O. NUMBER: "	ADDRESS: See 1	CITY / STATE / ZIP
REQUIRED DUE DATE: 8/10/94	CITY / STATE / ZIP: See 1	ATTENTION
SAMPLES TO LAB VIA: Fed Ex	TELEPHONE / FAX	TELEPHONE
NUMBER OF COOLERS: 2	REPORT VIA: VERBAL FAX / U.S. MAIL/OVERNIGHT	

LABORATORY SUBMITTED TO:

- ☐ 6913 Hwy. 225, Deer Park, TX 77536, (713) 479-8307
- ☒ 4820 W. 15th Street, Lawrence, KS 66049, (800) 548-7901
- ☐ 6056 Ulmerton Road, Clearwater, FL 34620, (813) 531-1446
- ☐ 850 Poplar Street, Pittsburgh, PA 15220, (412) 922-4000

TRANSFER NUMBER	RELINQUISHED BY DATE / TIME	ACCEPTED BY DATE / TIME	SEAL NUMBER
	8/5/94 12:00	Christopher 8/8/94 6:51	

LABORATORY USE ONLY

FIELD SERVICES Y/N $

SHIPPING Y/N $

LABORATORY USE ONLY

ANALYTICAL DUE DATE > 8/9/94

REPORT DUE DATE

INORGANIC Sect ____ Row (1) ____ ORGANIC Sect ____ Row ____

PSI PROJECT NAME PSI-LA

PSI PROJECT # 5940P588

PSI BATCH # 3a324

LABORATORY USE ONLY

SAMPLE CUSTODIAN: Chris Korb

DATE / TIME: 8-8-94 6:51

PARAMETER LIST

SAMPLE IDENTIFICATION	DATE / TIME	COMP-C GRAB-B	SOIL-S WATER-W WASTE-X	LAB USE ONLY LAB NUMBER	NUMBER OF CONTAINERS	8015 Chlorinated	8240 or TPH	TCLP Lumps	HOLD	
HA-2-2			S	837728	1				X	Hold
HA-2-5				729					X	↓
HA-2-10				730		X	X	X		3 Day TAT
HA-3-2				731					X	Hold
HA-3-4.5				732		X	X	X		3 Day TAT
HA-4-2				733		X	X	X		↓ ~~Hold~~ ↓
HA-4-5				734					X	Hold
HA-4-10			↓	837735	↓				X	↓

ADDITIONAL REMARKS: 3 DAY TAT

PS 8/16

SAMPLER'S SIGNATURE: [signature]

PSI 600-10 (1)