RFI
DRAFT REPORT

for

INDUSTRIAL SERVICE CORPORATION
1633 Marsh Avenue
Blue Summit, Missouri

Docket Number VII-94-0024

Prepared by:

Deffenbaugh Idustries, Inc.
18181 West 53rd Street
Shawnee Kansas, 66217

May 15, 1998

INDUSTRIAL SERVICE CORPORATION

P.O. Box 3249
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(913) 631-3300
Telefax No. (913) 631-1339

May 15, 1998

Mr. John DeLashmit, P.E. Project Officer
ARTD/RPCB
U.S. EPA, Region VII
726 Minnesota Ave.
Kansas City, KS 66101

Mr. Tom Judge, R.G., Project Coordinator
Missouri Department of Natural Resources
Hazardous Waste Program
P.O. Box 176
Jefferson City, MO 65102

Dear Mr. DeLashmit and Mr. Judge:

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ISC has worked hard over the last six months to build bridges of communication and trust with both agencies. ISC is absolutely committed to closure, investigation and remediation of the subject facility on terms that will be satisfactory to all parties. ISC does not want to turn back the clock. Instead, we want to keep the ball rolling forward.

We await your comments on the enclosed draft.

Very truly yours,

Timothy J. Roche
Project Coordinator

Enclosure

cc: Mr. Ronald D. Deffenbaugh
Mr. Robert A. Bye
Mr. Sean White
Mr. Brent Nickel, R.G.
Mr. Mick Cossairt, R.G.
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Jefferson City, MO 65102

RE: Draft RCRA Facility Investigation (RFI) Report, Industrial Service Corporation
Administrative Order on Consent, EPA Docket No. VII-94-H-0024

Dear Mr. DeLashmit and Mr. Judge:

In accordance with Section VII C., Paragraph 48 of the above-referenced order, please find herewith eight copies of the Draft RFI Report - four copies for each agency.

I certify that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to evaluate the information submitted. I certify that the information contained in or accompanying this submission is true, accurate, and complete. As to those identified portion(s) of this submission for which I cannot personally verify the accuracy, I certify that this submission and all attachments were prepared in accordance with procedures designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, or the immediate supervisor of such person(s), the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

DRAFT

Signature: _____

Name: Timothy J. Roche

Title: Project Coordinator

Date: May 15, 1998

Enclosure

cc: Mr. Ronald D. Deffenbaugh
Mr. Robert A. Bye
Mr. Sean White
Mr. Brent Nickel, R.G.
Mr. Mick Cossairt, R.G.
File

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VII
726 MINNESOTA AVENUE
KANSAS CITY, KANSAS 66101

VIA TELEFAX
ORIGINAL VIA CERTIFIED MAIL
ARTICLE NO. Z 203 222 986

Mr. Timothy J. Roche
Project Coordinator
Industrial Service Corporation
P.O. Box 3249
Shawnee, Kansas 66203

Dear Mr. Roche:

RE: Extension Request - Draft RFI Report, Industrial Service Corporation Administrative Order on Consent, EPA Docket No. VII-94-H-0024

This letter is in response to ISC's letter to the United States Environmental Protection Agency (EPA) of April 15, 1998, that requested a sixty-day extension to the May 15, 1998, deadline for submittal of the draft RCRA Facilities Investigation (RFI) Report required by the referenced Administrative Order on Consent (AOC). The EPA and the Missouri Department of Natural Resources (MDNR) have reviewed and discussed your request, and both the EPA and MDNR agree that no extension of the submittal date is justified. Specifically, the EPA and MDNR agree that ISC has had adequate time to prepare the draft RFI Report. Your letter implies that ISC could not begin to draft the RFI report until ISC completed the installation of three soil borings in March 1998. However, the soil characterization information could readily have been developed and incorporated into the report during the three-month period that begins with the completion date of the field work (March 19), and ends on the draft report submittal date (May 15). Further, ISC took an extended amount of time to resubmit the 1995 analytical data package for QA/QC review (EPA comments on the data package were transmitted to ISC on November 7, 1997; the revised package was not submitted for EPA review until April 20, 1998).

Accordingly, the EPA will consider the imposition of stipulated penalties under the AOC if ISC fails to submit a draft RFI Report by the May 15, 1998, deadline that is prepared in accordance with the requirements of the AOC. The EPA's authority to demand stipulated penalties if ISC fails to meet the deadlines for submittal of a required Report or Workplan is found at Section XVIII, Paragraph 94(b) of the referenced AOC. If you have any questions, please contact me at (913) 551-7821.

Sincerely,

John DeLashmit, P.E.
Project Officer
RCRA Corrective Action and Permits Branch
Air, RCRA, and Toxics Division

cc: Tom Judge, MDNR-HWP
Kathy Flippin, MDNR-HWP

RECYCLE
PAPER CONTAINS RECYCLED FIBERS

INDUSTRIAL SERVICE CORPORATION

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Telefax No. (913) 631-1339

April 15, 1998

Mr. Tom Judge, RG
Missouri Department of Natural Resources
Hazardous Waste Program
P.O. Box 176
Jefferson City, MO 65102

Re: Draft RFI Report, Industrial Service Corporation
Administrative Order on Consent, EPA Docket No. VII-94-H-0024

Dear Mr. Judge:

This letter follows up a conference call that you and Mr. DeLashmit of EPA had with Mr. Mick Cossairt of our firm. We are requesting an extension of sixty days for the submittal of the draft RFI report which is currently due May 15, 1998. This postponement would provide additional time necessary for laboratory analysis and data validation of samples collected during field activities conducted in March of this year.

This activity included work approved on March 2, 1998 in response to a request conveyed September 29, 1997 to add three borings beneath the building located at 1633 S. Marsh Avenue. This additional sampling was necessary to fully characterize the extent of contamination. The work was scheduled on the receipt of approval and completed on March 19, 1998. Sufficient time is now required for the laboratory to complete the analysis of samples collected and to allow for the data obtained to be validated by a third party.

This data must then be reviewed, compiled, and tabulated for inclusion with other data to be utilized in the draft report. Because it is anticipated that this data will not be available until early in the month of June, we are requesting a sixty day extension in order to allow approximately six weeks for the drafting of the report. We therefore propose that the due date for the RFI draft report be changed to July 14, 1998.

Section XXVI, Paragraph 120 of the above-referenced AOC, provides that " *Respondent's Project Coordinator and EPA's Project Coordinator shall be authorized to extend by mutual written agreement any date, deadline, or schedule contained in the attached Scopes of Work or in any EPA approved Workplans*". With this letter, ISC respectfully requests a 60-day extension to the current deadline of May 15, 1998 for submission of the Draft RFI Report.

Mr. Judge, the Department's assistance and patience in this matter is appreciated. If you have any questions regarding this request, please feel free to call me at 913-631-1720 or Mick Cossairt at 913-631-3300.

Sincerely,

Timothy J. Roche
Project Coordinator

c: John DeLashmit, P.E., EPA Region VII
Ronald D. Deffenbaugh
Mick Cossairt
Brent J. Nickel
D. Sean White
Robert A. Bye,
Stanley Reigel, Morrison & Hecker
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********** -JOURNAL- ********** DATE APR-15-1998 ***** TIME 13:42 ********

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-INDUSTRIAL SERVICE CORP -

********** - - **********

MEMO

To: Ron Deffenbaugh
Copies: Sean White, Tim Roche, Brent Nickel, and Rod Mann
From: Mick Cossairt
Subject: Request for extension of Draft RFI Report
Date: April 10, 1998

Currently a draft RFI report is due to be submitted on May 15, 1998. A copy of the master schedule is attached for your reference. A number of circumstances have occurred which have caused delay in the completion of field activities and data analysis necessary for the preparation of this report. The following is a summary of these circumstances.

BUILDING RETENTION AT 1633 S MARSH

- September 29, 1997 — Work plan modification submitted to install beneath the building.
- March 2, 1998 — Approval of the above modification request

1995 ANALYTICAL DATA SUBMISSION

- August 22, 1997 — Data collected in 1995 was submitted for inclusion in RFI report.
- November 7, 1997 — EPA comments received requiring extensive work on part of the laboratory to validate the data. This data is currently being finalized for resubmission during the week of April 13, 1998.

LABORATORY ISSUES

- Under staffing
- Volume overload from internal and third party sources
- Managerial change
- Third party data validation
- Additional QA/QC documentation
- Spike level modification

CURRENT STATUS AND ANTICIPATED COMPLETION

SOIL SAMPLES COLLECTED OCTOBER - DECEMBER 1997

QAS Analysis

Analysis complete for all constituents except metals
Metals analysis will be complete by May 1, 1998

MRI Data Validation		Scheduled receipt
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SOIL SAMPLES COLLECTED FROM BENEATH BUILDING MARCH 17-18, 1998

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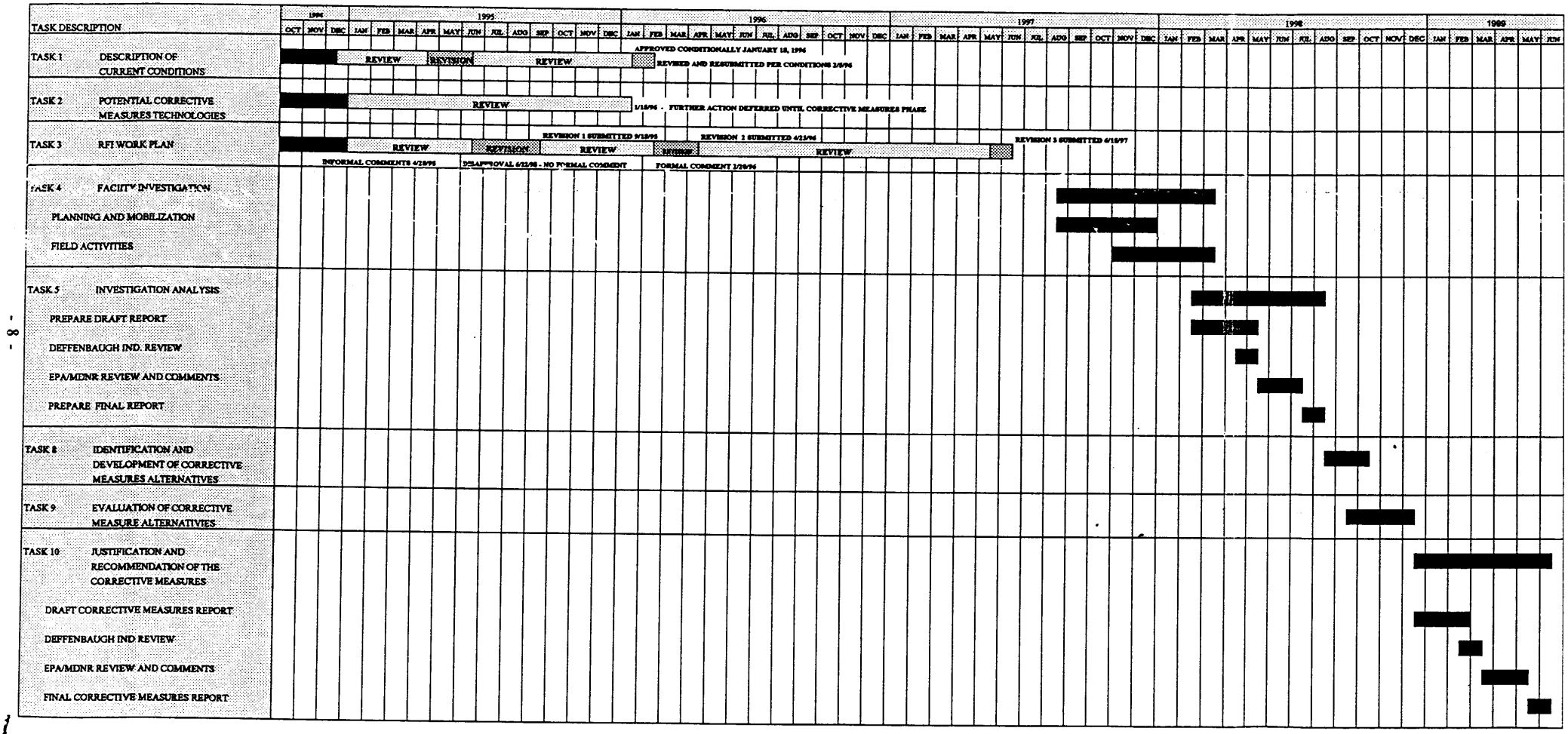
- EPA and MDNR delay in response to September 29, 1997 boring modification request
- EPA and MDNR induced difficulties in the approval of 1995 analytical data
- EPA and MDNR must actually anticipate the request due to a lack of analytical results conveyed in monthly reports

I recommend that a sixty day extension be requested immediately, and that every effort should be made to beat that date if approved.

FIGURE 1-2

RFI SCHEDULE FOR INDUSTRIAL SERVICES CORPORATION
DOCKET # VII-94-H-0024



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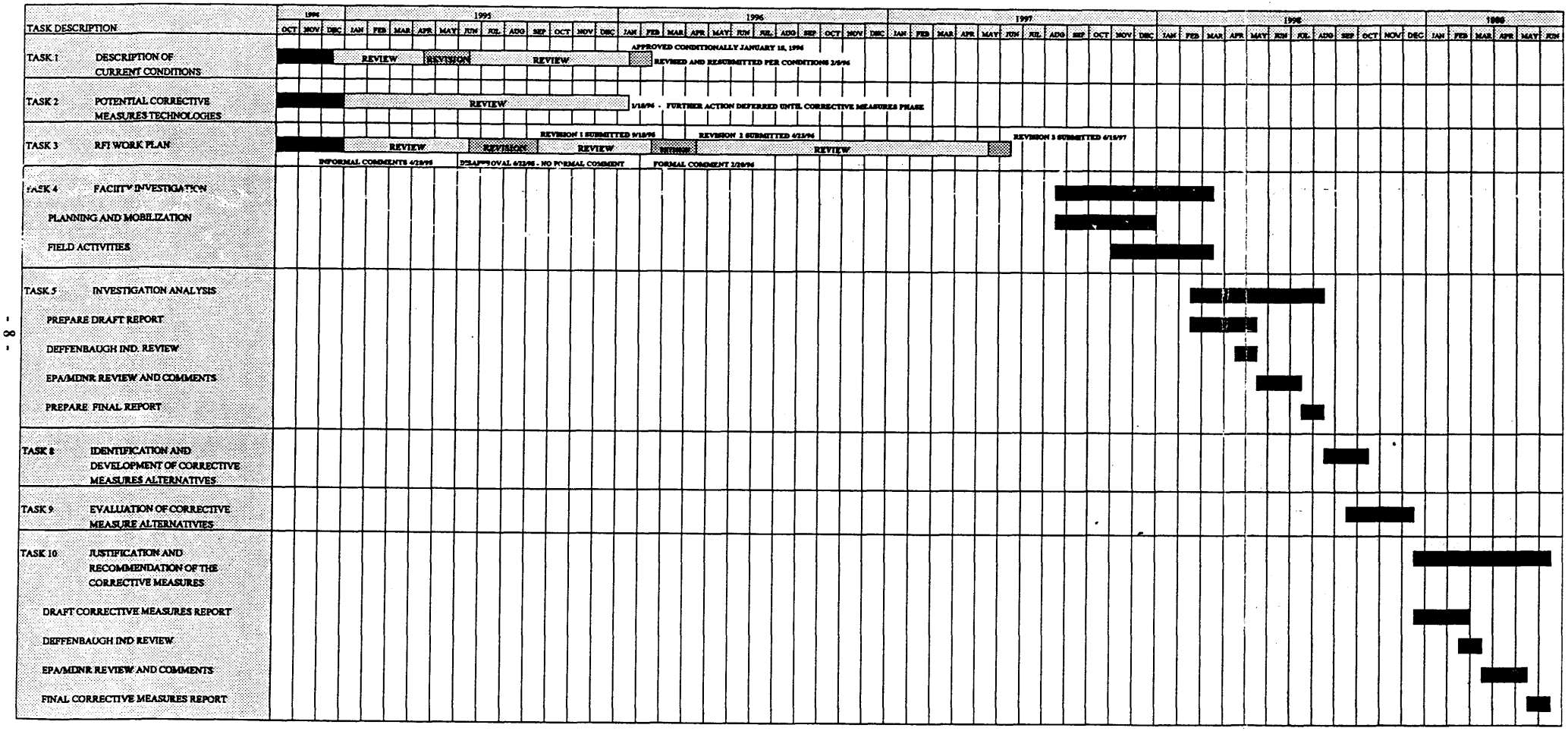

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DRAFT

Signature: _____

Name: Timothy J. Roche

Title: Project Coordinator

Date: May 15, 1998

Enclosure

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RFI
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for

INDUSTRIAL SERVICE CORPORATION
1633 Marsh Avenue
Blue Summit, Missouri

Docket Number VII-94-0024

Prepared by:

Deffenbaugh Idustries, Inc.
18181 West 53rd Street
Shawnee Kansas, 66217

May 15, 1998

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1.0 Introduction

Industrial Service Corporation (ISC) entered into an Administrative Order on Consent (Order) with the United State Environmental Protection Agency (EPA) effective October 4, 1994 (Docket No. VII-94-H-0024). This document is prepared in accordance with the terms and conditions of this order. ISC hereby submits to the EPA, this draft RCRA Facilities Investigation (RFI) report for its facility in Blue Summit, Missouri.

The draft RFI report is developed to present tasks IV and V of the Order for EPA review. The RFI report is developed from the information gathered during the RFI as outlined in the RFI Work Plan dated June 18, 1997. The RFI report is comprised of the environmental setting, source characterization, contamination characterization, actual or potential receptors (task IV) and Investigation Analysis (task V). The purpose of task IV is to collect data of adequate technical quality to support the development and evaluation of corrective measure alternative(s) during the Corrective Measures Study. The purpose of Task V is to ensure that the investigation data are sufficient in quality and quantity to describe the nature and extent of contamination, potential threat to human health and/or the environment, and to support the Corrective Measures Study.

The RFI Work Plan dated June 18, 1997 has been modified three times by mutual agreement of the EPA and ISC. The data generated, as available due to these modifications, are also incorporated into this report. These modifications were incorporated into the order to facilitate

the investigation and subsequent remedies.

The ISC facility is located in western Jackson County near Kansas City, Missouri. The facility lies within the an unincorporated area of the county known as Blue Summit, adjacent to the east side of interstate highway I-435, less than a mile south of Truman Road. The oil processing portion of the ISC facility occupies a small sector of the track owned by ISC. Figure 1 is a regional street map depicting the generalized location of the facility. The facility is in an area that is zoned for industrial use. The facility was formerly used for the bulk storage and processing of used oil. The facility is in the process of closure at this time, therefore physical changes are made on a daily basis.

2.0 Environmental Setting

2.1 Location, Physiography, and Current Condition

Industrial Service Corporation is located at 1633 South Marsh Avenue in an unincorporated area of western Jackson County, Missouri known as Blue Summit. The site is situated east of I-435 and approximately 1/4 mile south of Truman Road. The coordinates of the facility are 39 degrees, 5 minutes, 21 seconds North latitude and 94 degrees, 29 minutes, 9 seconds West longitude. The legal description of the site is the SW 1/4, SW 1/4, SE 1/4, Section 6, T49N, R32W, Jackson County, Missouri. Figure 1 is reproduced from a regional street map of Kansas City, Missouri and depicts the general geographic location of the facility.

ISC is in an area zoned for industrial use and is bordered by both residences and businesses. The facility is primarily situated on lots 13, 15, 27, and 28, Block 15, Resurvey of Stark Acres, all in Section 6, T49N, R32W. Parking areas extend south across a vacated portion of 17th Street and into lots 2, 3, 4, 5, and 6, Block 6, of Pittsburgh Addition, all in Section 7, T49N, R32W. Figure 2 is a base topographic map of the general site location.

2.2 Facility Physiography

The facility consists of a two story building housing a garage and plant operations on the first floor. The second floor is used for general administrative offices and houses Quality Analytical Services, Inc., a laboratory and affiliate company to ISC. The tank farm is located immediately north of this building and was comprised of 21 tanks, a water treatment building, process heater,

flash heater, and storm water containment pit. This area is bordered on the west and north by a concrete retaining wall and surrounded by a fence for security. The facility is in the process of closure as approved by the Missouri Department of Natural Resources (MDNR). This closure is also included as an interim measure of the Order. The number of tanks and ancillary equipment are decreasing as closure proceeds. Figure 3 is a diagram of the facility depicting former tank locations relative to the office building.

2.3 Regional Geology and Hydrology

Bedrock in the region around the facility consists of alternating beds of limestone and shale typical of cyclic deposits of Pennsylvanian age. These beds, belonging primarily to the Pleasanton and Kansas City Groups, dip to the northwest at rates averaging 10 to 15 feet per mile. Figure 4 is a composite columnar section of the Pleasanton and Kansas City Groups (after Koenig, 1961, p. 97 & p. 101).

The topography is generally gently to moderately sloping upland terrain interrupted by flood plains of the Missouri River tributaries. Valleys are underlain by alluvium and flanked by terrace deposits. Glaciation during the Pleistocene epoch is largely responsible for the present course of this river. The associated loess deposits are present in this region and cover large areas, but reach their maximum thickness near the bluffs bordering the river.

Composite Columnar Section

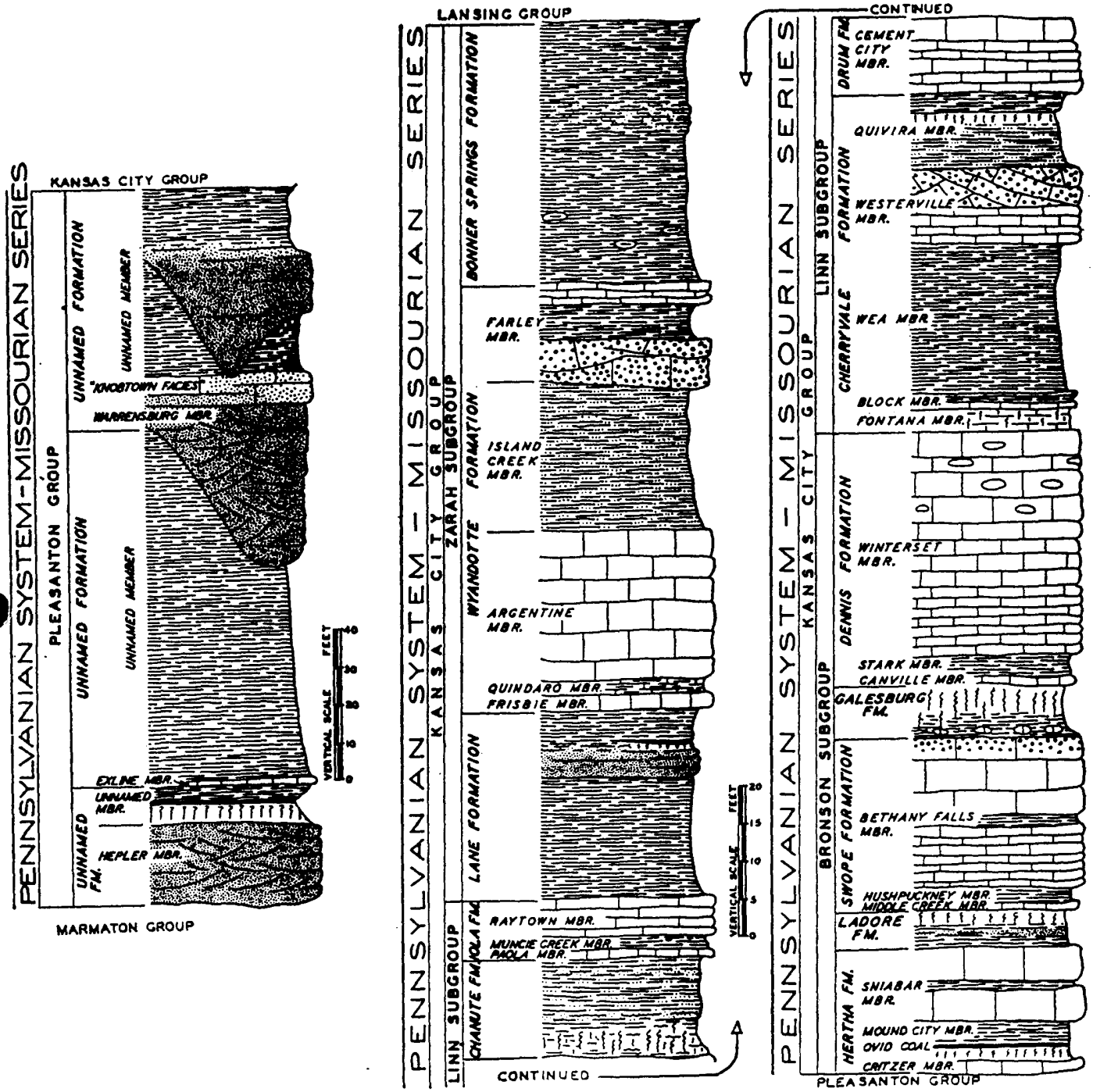


Figure 4

The average annual precipitation is 35.75 inches, approximately 70 percent of which falls between April and September. Surface water in the region is drained by the Missouri River and associated tributaries. Recharge to groundwater aquifers is primarily by infiltration from precipitation events.

The principle source of groundwater is the Missouri River alluvium. Wells in this aquifer may yield in excess of 2,000 gallons per minute(GPM), but in general average 1,000 GPM. Some communities in the region depend on this source for water. Alluvium from the tributaries produce smaller amounts of water and is used primarily for industrial use. Wells drilled into bedrock formations produce water of poor quality. Yields are low in shallow wells and many go dry during periods of minimal rainfall. Water from deep wells is high in chlorides and sulfates.

2.4 Site Geology and Hydrology

The facility is situated on the eastern edge of a terrace above the Blue River flood plain, formerly approximately 600 feet east of the river. The Army Corps of Engineers has re-channeled the Blue River adjacent to ISC (see Figure 6). The Blue River is now approximately 1825 feet west of the ISC facility.

Bedrock is exposed in a cliff which is cut into the bluff forming the facility's eastern boundary. The Bethany Falls Limestone member of the Swope formation is the basal unit at this exposure. The overlying Galesburg Formation, with the Stark and Winterset Members of the Dennis

Formation complete the exposed bedrock at this location. A bedrock boring installed in 1992 penetrated the underlying formations of the Kansas City Group and extended approximately 72 feet into the Pleasanton Group.

The topography is relatively level in the vicinity of the offices, tank farm, and parking lot, and slopes gently to the west. Immediately west of the site is a sharp drop in elevation marking the edge of terrace deposits.

Most of the facility is underlain by one to two feet of gravel or other anthropogenic materials. Underlying the fill material are soils belonging to the Snead-Menfro-Oska association, formed in loess or residuum from shale and limestone. Below the fill and surface soils, boring logs are highly variable. Generally the first unit encountered is a silty clay containing a moderate density of plant root cavities. This unit is probably associated with loess deposits. Below this unit there appears to be a coarsening downward sequence beginning with silty clay, to clayey silt, to a variable fine to coarse grained sand, and last to sand and gravel encountered in one boring just prior to bedrock. Although the sequence is laterally variable, there is evidence suggesting that the units thicken to the west as depths to bedrock increase. Figure 8 (to be included in the final draft) depicts cross sections constructed from borings advanced both on-site and west of the site.

Numerous contact springs and seeps flow intermittently during periods of heavy rain from the bluff east of the facility. The site receives runoff from the bluff and a gully which enters the east side of the gravel parking area south of the facility. Water entering the former tank farm area

flows northwest across concrete slabs and is directed by means of sloped concrete into a storm water containment pit. This pit is constructed of concrete as an integral part of the retaining wall around the north and west side of the former tank farm.

Water crossing other parts of the property flow to one of three paths. Water flowing across the north side of the property enters a drainage ditch on the east side of Marsh Avenue, flows north to a point 400 feet north of the facility, then under the street through a culvert and enters Livers Bronze Company's storm drainage system. Water flowing across the south portion of the property flows west either across Liver's gravel parking lot or along their southern property boundary. All runoff waters not captured by the containment pit, eventually enter the east drainage ditch of Interstate I-435, flow north to a concrete culvert under the highway, then south to the Blue River.

Permeability analyses of the lithologic units on-site have been performed. Permeability results performed on Shelby Tube samples by Woodward-Clyde ranged from 1.7×10^{-4} to 1.1×10^{-7} cm/sec. Permeability results performed on split spoon samples by GeoSystems Engineering ranged from 1.3×10^{-8} to 5.9×10^{-9} cm/sec. Estimates of the permeability have also been made using grain size distribution of similar soils. Some of the information on site-specific hydrogeology is therefore conceptual. A copy of the results will be included in the final report. Water infiltrating soils on the facility property enters clay, and silty clay of presumably low permeability. However, the first clay unit encountered is reported to have numerous vertical root canals, some running to depths greater than 20 feet. The lateral variability of deposits also serves

to complicate site hydrogeology.

2.5 Migration Pathways

Migration pathways for contaminants in surface water were previously discussed and ultimately drain to the Blue River. Similarly, groundwater flows westward also in the direction of the river. Groundwater flow direction and gradient is determined routinely during quarterly sampling events and reported to the MDNR.

Gradient reported during calendar year 1997 varied from .029 ft./ft. to .043 ft./ft. during the four quarters. Direction of flow is to the west. The gradient is generally steeper in the area of the tank farm adjacent to the bluff. The resulting potentiometric contours mirror both the ground surface topography and the bedrock contact surface.

3.0 Source Characterization

3.1 Historical Use of the Facility

The facility began operation under the name Radium Petroleum as a used oil collection and recycling business in 1958. Little is known regarding the past operations and disposal practices under the direction of the former owner. The facility was purchased from Mr. Sam Hewitt, founder of Radium Petroleum, in 1974 by the current owner. The name was changed to Industrial Services Corporation in 1988. The plant configuration remained basically unchanged until 1987 when 23 tanks were taken out of service. Seven of these tanks were renumbered and returned to service. The balance were later cleaned and destroyed in accordance with procedures approved by the Missouri Department of Natural Resources.

Automotive and industrial used oil was collected from various clients and stored for processing. Sludge from tank bottoms and ignitables were also received from clients in the past. This practice was discontinued in the mid 1980's. Although the process flow has been modified periodically over the years, the process itself remained relatively unchanged. Oil was allowed to settle causing water to separate, which then was drained from the bottom of the tank. Processed oil was then heated to evaporate the remaining water in the oil. The product remaining from this process was sold as a fuel to industrial users.

Sludge, water, and light ends are byproducts of these processes. Waste disposal methods have varied over past years, and disposition of wastes under previous ownership is uncertain. The current owner transported waste sludge to the Pawnee Refinery in Kansas City, Kansas for

disposal by incorporation in the production of asphalt until 1979. In the early 1980's this practice was replaced by manifesting and transporting the waste to Systech in Fredonia, Kansas for incineration. Waste water was shipped off-site and disposed at a Kansas City Kansas POTW. After a waste water treatment facility was constructed in 1991, the water was processed through clay and carbon filters prior to disposal at a Kansas City, Kansas POTW. The spent filters were stored in the garage area prior to disposal of the clay units at a hazardous waste landfill and reactivation of the carbon units by the manufacturer.

Light ends are comprised of short chain hydrocarbons and water vapors. These vapors were originally discharged to the atmosphere until a vapor recovery system was installed in 1989. This system condensed and separated water from hydrocarbon laden vapors. The water condensate was then collected and treated with other waste water as described above and the hydrocarbon rich condensate was collected and incorporated into the final product.

Historical records of spills, permit requests, enforcement actions, and related documents and studies have been summarized and are included in previous RFI documents.

3.2 Description of Current Operations

Industrial Service Corporation formerly operated a used oil recycling facility at this site. The process consisted of eight major steps which are graphically represented in the Process Flow Diagram depicted in Figure 4 of the Description of Current Conditions Report. Fluids were pumped between tanks through above ground lines. Used oil was received in the unloading area,

where it was pumped into daily deposit tanks (nos.2, 3, 4, or 5). The material was sampled and analyzed for halogens and PCB's and then transferred to storage tanks (25, 26, or 29). The oil was allowed to settle, water separated, and gravity caused it to collect at the bottom of these tanks. This water was removed from the tanks and collected in tank 27 where it was stored prior to treatment in the carbon/clay filtration system. The processed oil was transferred to the flash heater and flash tower unit where the temperature was raised to 265°F. Water and light ends evaporated from the oil. These vapors were collected and condensed in the vapor recovery system. The water collected from this recovery was stored for further processing. The recovered light ends were blended along with diesel fuel into the processed oil to produce a marketable fuel oil. This final product was transferred to Tank 28 for storage prior to marketing. The cookers depicted on the flow diagram were used only when the ambient temperature falls to a level which requires preheating the oil prior to processing in the flash heater.

Waste sludge collected from cookers and oil storage tanks were manifested and transported to Systech in Fredonia, Kansas, an approved TSD facility. Waste water from storm water runoff, oil/water separation, and vapor recovery were transferred to the waste water treatment building. The water was pumped through granular clay absorbent media to remove emulsified oil and grease. It was then processed through two granular activated carbon filtration units designed to remove dissolved organic contaminants. The treated water was transferred to Tank 7 where it was stored prior to transport to the Kansas City, Kansas Water Pollution Control Department. The clay filter was necessary to prevent the carbon filter from becoming plugged. When spent, the clay filter was treated as a hazardous waste and transported under manifest by Essex Waste

Management for disposal at an approved TSD facility. In the past these have been disposed at hazardous waste landfills in Bellville, Michigan and Winoka, Oklahoma. The spent carbon filters were also managed as hazardous waste and transported under manifest to Calgon Carbon Corporation in Pittsburgh Pennsylvania for reactivation. Prior to shipment, these units were temporarily stored near the garage doors on the lower floor of the office and maintenance building. The filters are designed as self contained, skid mounted units and require no additional preservation. The facility is now in the process of closure. No oil is being accepted or processed. The tanks, heaters, etc. are being scraped, thereby decreasing the amount of equipment as closure proceeds.

3.3 Possible Sources of Contamination

3.3.1 Source Locations

Contribution to contamination from on-site sources was restricted to the immediate area of the Tank Farm. Surface spills from two loading and unloading areas, overflow of storage tanks, and releases from abandoned septic tanks as well as the containment pit were all potential sources. The location of these areas has been depicted on Figure 3 of the Description of Current Conditions Report. It has been reported previously that some interconnecting pipes were buried during past operations, rendering visual leak detection impossible.

Contribution to contamination from off-site sources is also a possibility. Adjacent to the facility's east boundary lies an abandoned landfill. Little regulation existed during the years of operation and

the landfill was closed without the benefit of approved closure procedures. This landfill reportedly received waste from many of the industrial facilities located along the Blue River Valley as well as the Amoco refinery located in Sugar Creek, Missouri. Former and present businesses located north and west of the facility include a scrap metal/battery recycler, foundry, metal fabricator, and two gasoline stations. Potential exists for contribution of solvent and petroleum based contaminants from these sources, and must be considered in the evaluation of data obtained in a downgradient direction. The relative locations of these potential contaminant sources are depicted on Figure 2 of the Description of Current Conditions Report. The exact boundaries of the abandoned landfill are undetermined at this time. It is believed that they may extend beyond the property ownership boundaries depicted on Figure 2 of the Description of Current Conditions Report

The RFI work plan was designed to determine the extent of contamination radiating from the operational area of the facility as well as to investigate adjacent areas for potential releases.

3.3.2 Constituents and Quantities

The quantity of used oil potentially released from operations at this site is impossible to determine given the age of the facility. Hazardous constituents found on-site include halogenated organic compounds, volatile organic compounds, semi-volatile organic compounds, metals, dioxins, and PCB's. A comprehensive list of constituents detected at the site is included in Appendix I of the Description of Current Conditions Report.

4.0 Contamination Characterization

Soil borings and monitor wells were installed at the locations proposed following methodology approved in the RFI work plan. Contaminant extent soil borings on the north and west of the facility were installed during field activities associated with closure which were conducted in 1995. Monitor wells GW-8A and GW-8B were installed at that time. Soil borings investigating the contaminant extent on the south of the facility were installed during field activities conducted during the fall of 1997. Shallow investigation borings in the parking area south of the facility, as well as in the drainage ditch along Marsh Avenue north of the facility, were also installed during these activities. Monitor wells GW-9A, GW-9B, GW-10A, and GW-10B were incorporated into this investigation by a letter modification and were installed during the fall of 1997 field activity. Soil borings installed beneath the office and laboratory building were also incorporated by letter modification. These borings were installed during field activity conducted in March of 1998. Groundwater samples were also collected for laboratory analysis during March of 1998. Figure 5 is map depicting the locations of all borings installed as part of this investigation as well as the locations of monitor wells.

Soil, water, and product samples collected for this investigation were transferred under chain-of custody to Quality Analytical Services (QAS) for laboratory analysis. Laboratory analysis results are currently being reviewed by Midwest Research Institute (MRI). The following results are reported without benefit of the data validation process from advance copies of reports obtained directly from QAS. Only that data which has been through the entire laboratory QA/QC process and

transferred to MRI is included in this draft report. The final draft of this report will include the results of all samples collected with a discussion evaluating the achievement of data quality objectives.

Results obtained from field activities conducted in 1995 did not receive the data validation review required by the subsequently approved RFI work plan. These results, associated field documentation, and laboratory QA/QC reports are currently under agencies review for inclusion in this RFI. All samples are reported as non-detect for all constituents analyzed.

Results for samples collected in March of 1998 have not yet completed analysis and laboratory QA/QC review. Similarly, results for the metals constituents from samples collected in the fall of 1997 are not yet available for inclusion in this report. The following summary of analytical results is therefore limited to the volatile organic compounds, semi-volatile organic compounds, herbicides, pesticides, and PCB constituents for those samples collected during field activities conducted in the fall of 1997.

4.1 Analytical Results

Results for the semi-volatile organic compounds and herbicide constituents from samples obtained during field activities conducted in the fall of 1997 were all reported non-detect and require no tabulation. Tables have been prepared for the volatile, pesticide, and PCB constituents and are included in this report. Constituents reported as non-detect are not included in the tables. Results

are reported in mg/Kg for the borings and at the depth the samples were collected. Concentration levels of concern established in the RFI work plan are also included for reference. Results which exceed these levels are also noted in the tables.

4.1.1 Volatile Organic Compounds

Table 2-1 summarizes the results for volatile organic compounds. Five constituents were detected from samples obtained at varying depths from a total of seven borings. None of the results exceeded concentration levels of concern established for industrial areas.

Methylene Chloride was reported above the residential screening level of 85 mg/Kg. Samples collected at a depth of 15 feet and 20 feet from boring B14 were reported at 109 mg/Kg and 113 mg/Kg respectively. Samples collected at depths of 5 feet and 10 feet from boring B-15 were reported at 95.5 mg/Kg and 111 mg/Kg respectively. A duplicate sample from this boring was also reported at 87.5 mg/Kg. The industrial screening level for Methylene Chloride is 760 mg/Kg.

The constituent 1,1,2,2-Tetrachloroethane was reported above the the residential screening level of 3.2 mg/Kg. The surface sample collected to a depth of 4 inches from boring B-1 was reported at 15.3 mg/Kg. A sample collected at a depth of 29 feet from boring B-8 was reported at 17.9 mg/Kg. The industrial screening level for this constituent is 29 mg/Kg.

4.1.2 Pesticides and PCB's

Table 2-4 summarizes results for pesticides and PCB's for samples collected during field activities conducted in the fall of 1997. Two pesticide constituents were detectedfrom samples collected at varying depths from seven borings. The constituent beta-BHC was reported in one sample and Heptachlor was reported from samples collected at six borings. Neither industrial nor residential screening levels were exceded for these pesticides.

PCB-1260 was detected at varying depths from nine borings. A surface sample collected to a depth of 6 inches from boring B-5 was reported at 0.0987 mg/Kg exceding the residential screening level of 0.083 mg/Kg. All other samples which were reported as having detectable levels of this constituent were below residential screening levels. The industrial screening level for PCB-1260 is 0.74 mg/Kg.

4.2 Summary

Conclusions or further analysis of the data is not possible until all results have been reviewed. The final draft of this report will include isoconcentration maps.

5.0 Potential Receptors

5.1 Potential Impacts on Human Health and Environment

The area surrounding the facility is urban industrial with a few residences located primarily in an upgradient direction. There are no residences located in a downgradient direction between the facility and the Blue River. All residences in the area are served by sanitary sewers and public water supplies. The intake point for domestic water supplying this area is the Missouri River and water from the alluvium north of North Kansas City, Missouri near Riverside, Missouri. The nearest intake point for domestic water supplies in a downgradient direction is at the Missouri River near the Highway 291 bridge where the City of Independence operates a well field in the river alluvium. All wells within a one mile radius of the facility have been identified from a search of public records and are located on Figure 1 of the Description of Current Conditions Report. An inventory of these wells has been compiled and is presented in Table 1 of the Description of Current Conditions Report. Mandatory registration of wells in the state is a relatively recent requirement . Other wells may potentially exist. Any well which may be discovered at a later date will need to be evaluated in terms of the impact it may have on this investigation.

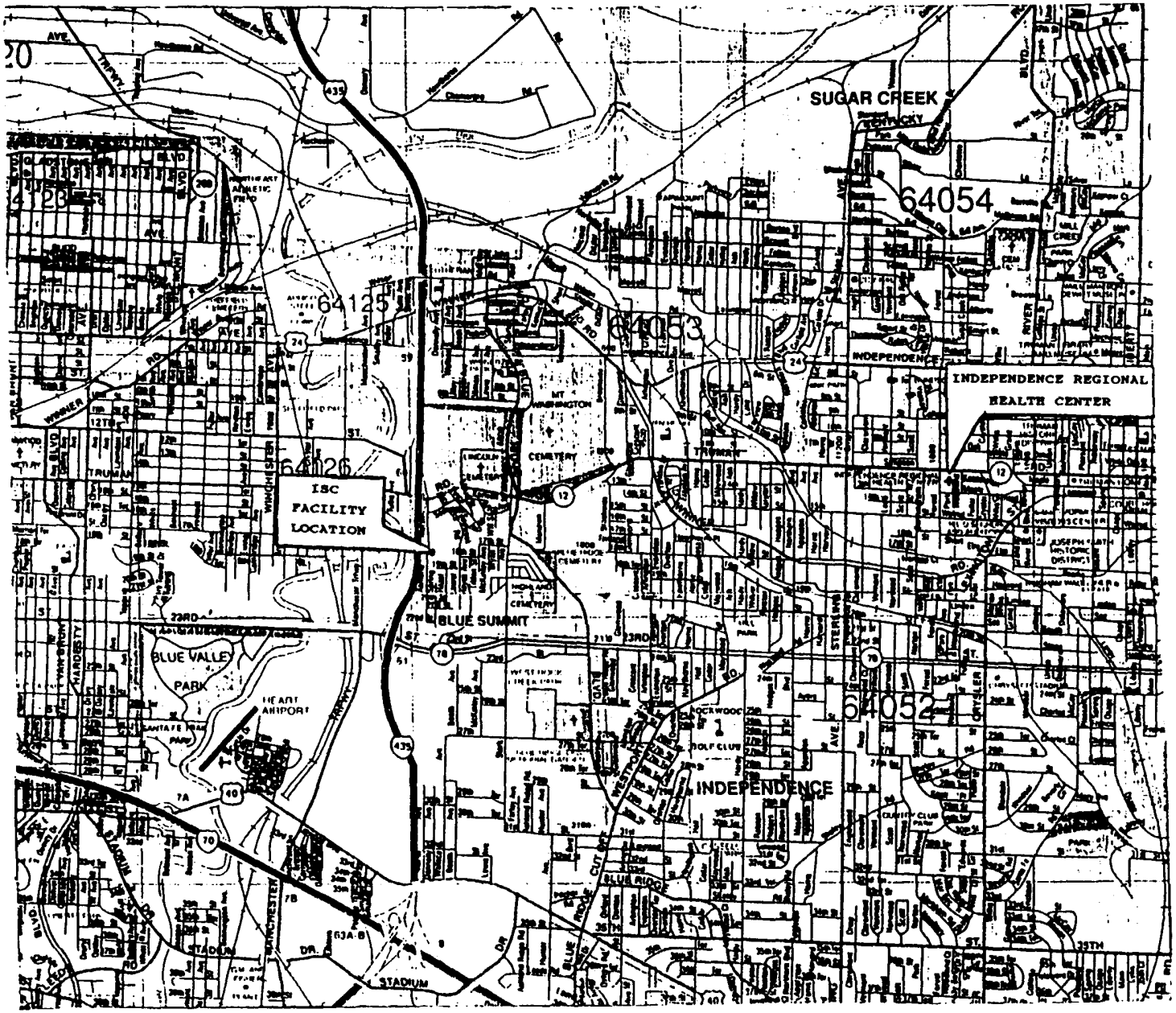
Information on the biota of the lower Blue River Valley is limited. The following information is from the Cultural Resources Survey for the Blue River Channel Project prepared by Commonwealth Associates Inc. under contract number DACW41-77-M-0801 for the United States Corps of Engineers in February of 1978. The occurrence of mammals is restricted to small species common to urban areas such as raccoons, squirrels, skunks, and rabbits. Collections of fish, made from the

upper Blue River, have yielded four species of shiners, three species of minnows, white sucker, bullhead, crappie, large mouth bass, and bluegill. The introduction of industrial waste in the river from 63rd Street to the Missouri River, has resulted in a river bottom which will support only pollution-tolerant organisms. Iron particles and petroleum sludge in the bottom sediments have produced toxic conditions which have virtually eliminated all forms of aquatic life.

Forested areas are restricted to narrow zones paralleling stream channels. Cottonwood is the dominant tree species and is found in association with willows, elm, and oak. Vegetation better suited to drier conditions begin to predominate with increasing distance from the streams. Food bearing tree species, are elm (cambium), hackberry (berries), hickory (nuts), black oak (acorns), burr oak (acorns), and white oak (acorns). Food bearing herbaceous plants in the area occur from March to November and are represented by Jack-in-the-Pulpit (tuber), pokeberry (leaves, stalks), watercress (plant), goosefoot (seeds, young plants), May Apple (fruit), pink weed (seeds), and John's cabbage (leaves, young plants).

With the exception of the aquatic life in the Blue River itself, the effects of heavy industrial pollution in the area appear to be modest. The Fauna and Flora described is comparable to other urban settings. It appears groundwater contamination from the ISC facility has not migrated to the Blue River. Because the quantity of releases and the amount of infiltration are not known, quantification of the possible contribution of contamination by way of surface waters cannot be calculated.

FIGURES



N

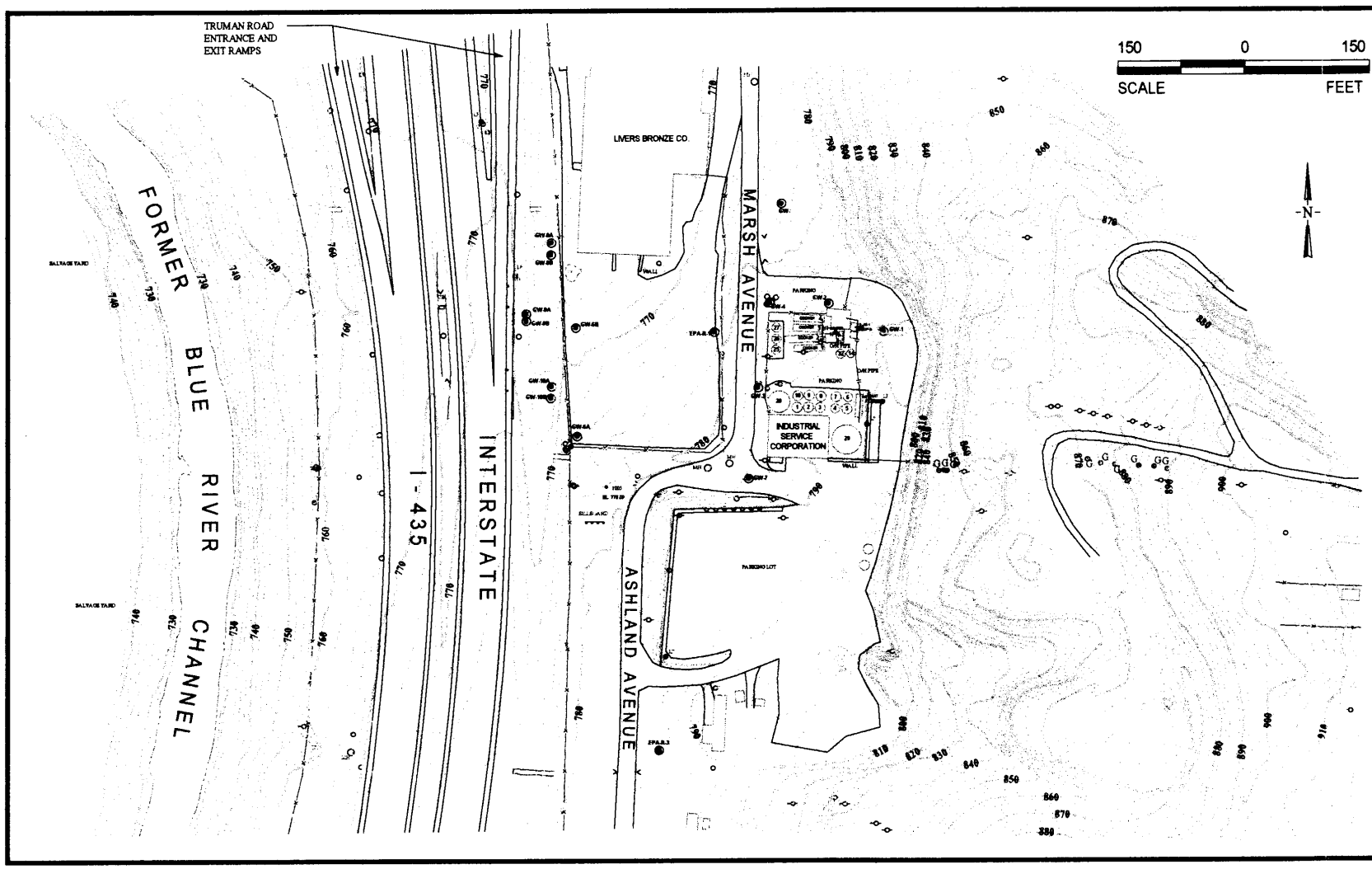
0 1

MILES

FIGURE 1	DATE 5-14-98
	DESIGNED JMC
	DETAILED JMC
	CHECKED BN

INDUSTRIAL SERVICE CORP
1633 MARSH AVE
KANSAS CITY, MO 64126

GENERAL SITE LOCATION MAP



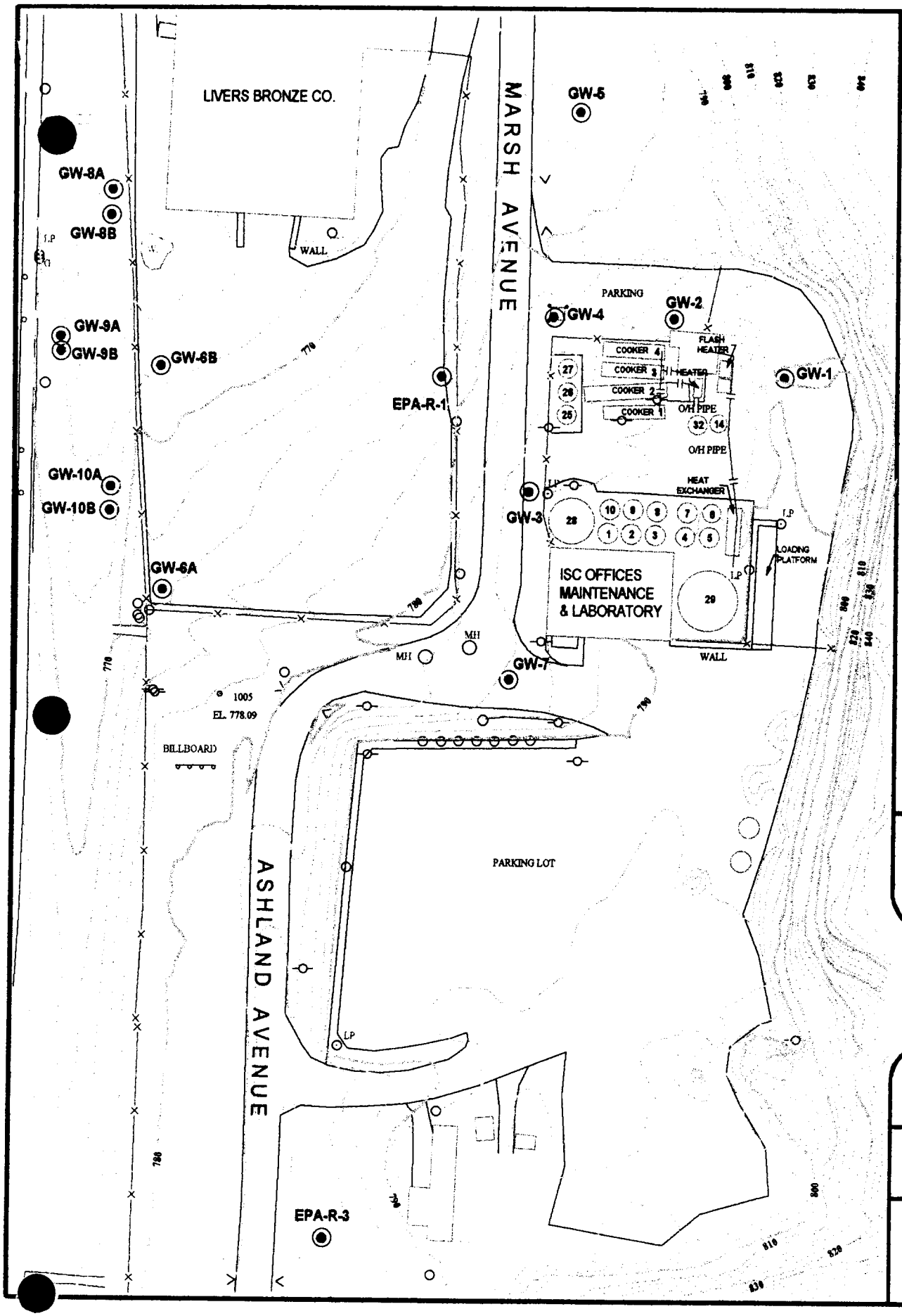
LEGEND

FIGURE 2	DATE 5-12-98
	DESIGNED JMC
	DETAILED JMC
	CHECKED BJN

INDUSTRIAL SERVICE CORP.
1633 MARSH AVE.
KANSAS CITY, MO 64126

BASE TOPOGRAPHIC MAP

CONTOUR INTERVAL: 2'
DATE OF PHOTOGRAPHY: AUGUST 24, 1994
PHOTOGRAPHY BY: WESTERN AIR MAPS, INC.
LENEXA, KANSAS 66215



LEGEND

MONITOR WELLS

-N-

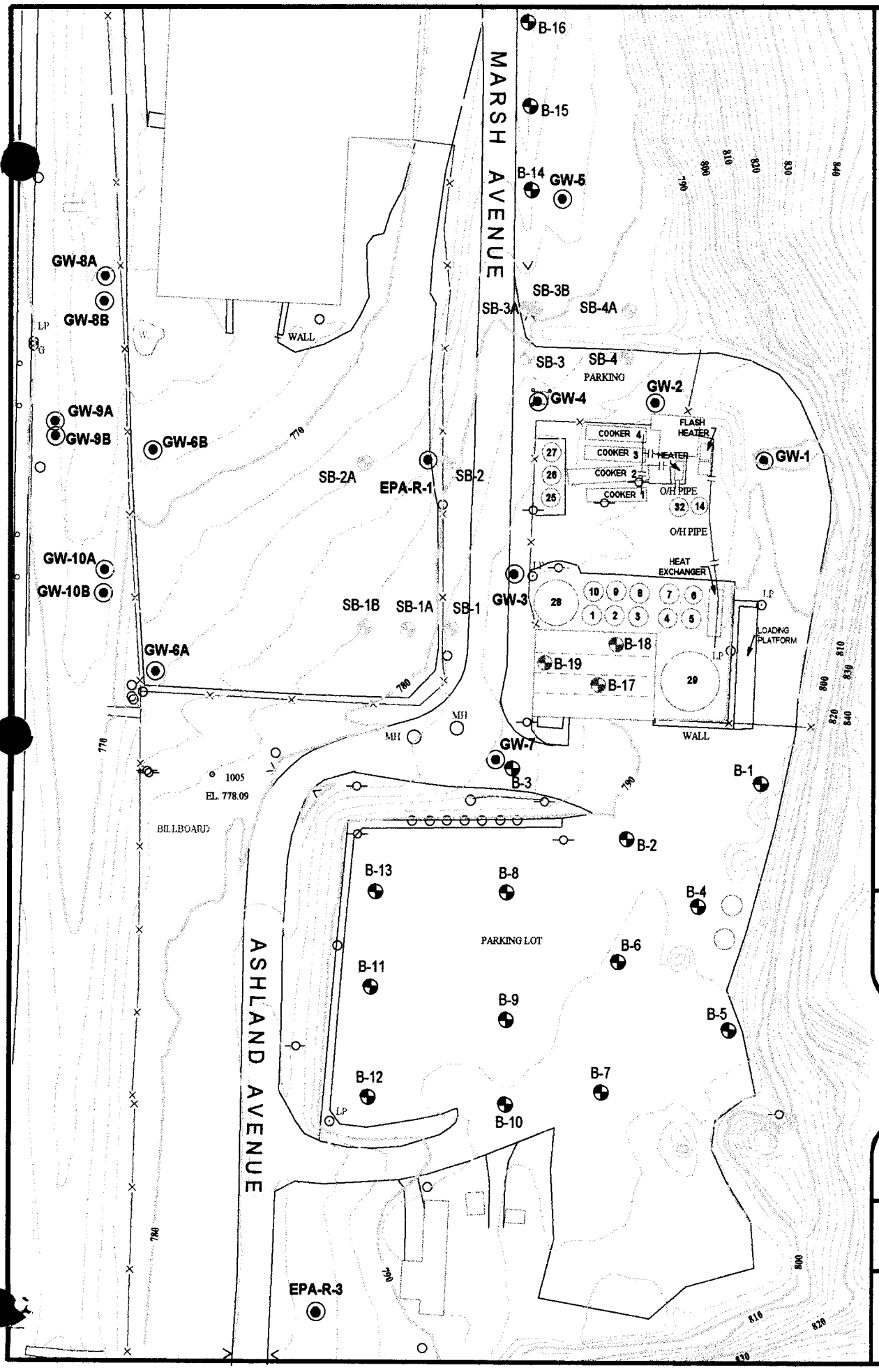
0 20 40 80

SCALE FEET

FIGURE 3	DATE 5/13/98
	DESIGNED JMC
	DETAILED JMC
	CHECKED BJN

INDUSTRIAL SERVICE CORP.
1633 MARSH AVE.
KANSAS CITY, MO 64126

SITE MAP



LEGEND

- MONITOR WELLS
- 1995 SOIL BORINGS
- 1997 SOIL BORINGS
- 1998 SOIL BORINGS

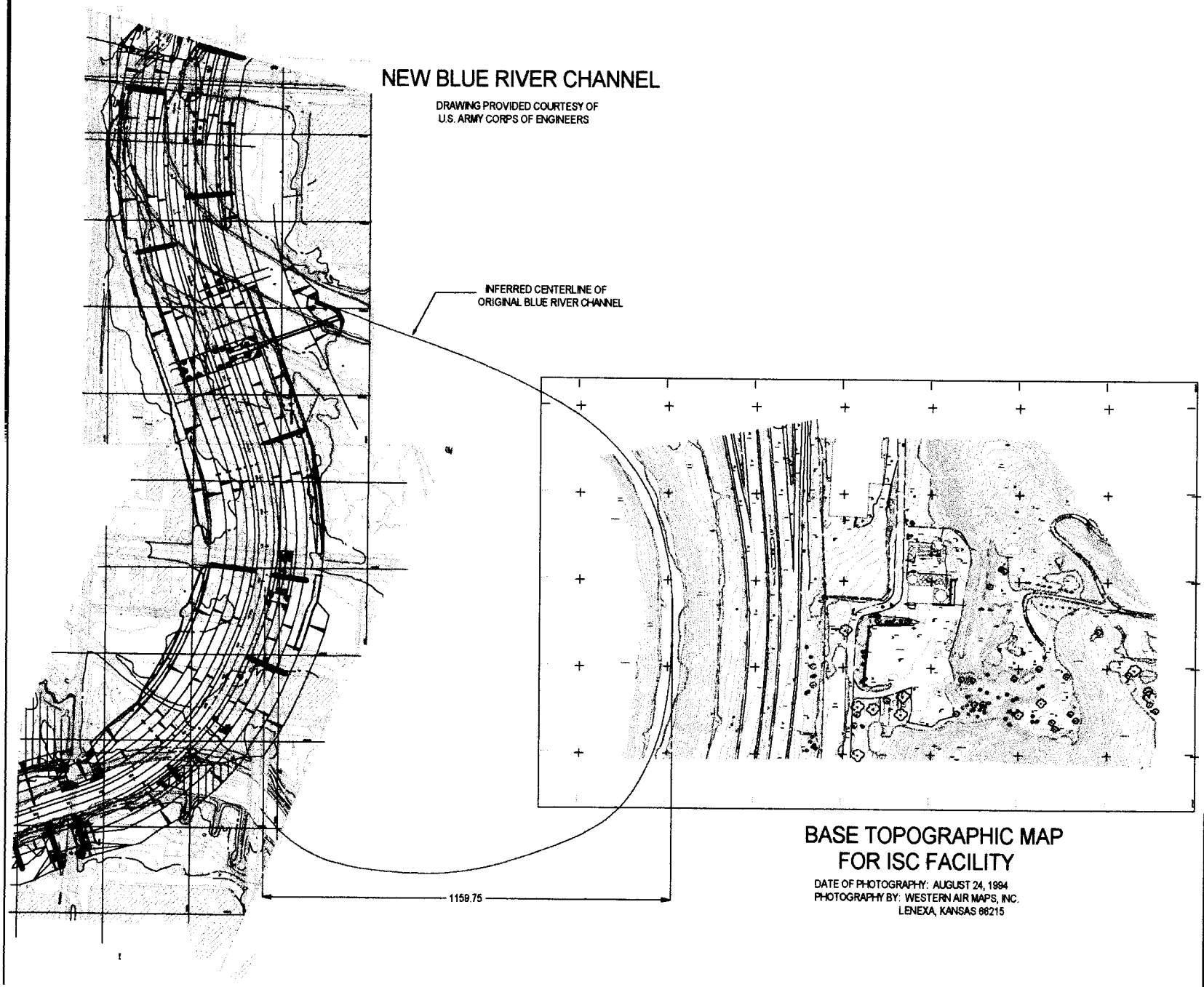
N

0 20 40 80
SCALE FEET

FIGURE 5	DATE 5/14/98
	DESIGNED JMC
	DETAILED JMC
	CHECKED BJN

INDUSTRIAL SERVICE CORP.
1633 MARSH AVE.
KANSAS CITY, MO 64126

BORING LOCATIONS



0 100 200 400
SCALE FEET

FIGURE 6		
	DATE	5-14-98
	DESIGNED	JMC
	DETAILED	JMC
	CHECKED	BN

INDUSTRIAL SERVICE CORP.
1633 MARSH AVE.
KANSAS CITY, MO 64126

BLUE RIVER
RECHANNELIZATION
MAP

TABLES

TABLE 2-1
VOLATILE ORGANIC COMPOUNDS

Concentrations reported in mg/Kg		CONCENTRATION LEVELS OF CONCERN(INDUSTRTRIAL / RESIDENTIAL)				
				760 / 85	29 / 3.2	410000 / 16000
BORING	DEPTH	Acetone	Chloromethane	Methylene Chloride	1,1,2,2-Tetrachloroethane	Toluene
97B1						
	-4"				15.30	
97B6						
	10'		66.90			
97B8						
	25'			78.40		
	29'				17.90	
97B13						
	6"					68.50
	DUP					96.00
97B14						
	6"			60.50		
	5'			76.30		
	10'			83.50		
	11'			74.10		
	15'			109.00		
	20'			113.00		
	24'			77.40		
97B15						
	6"			73.40		
	5'			95.50		
	10'			111.00		
	DUP			87.50		
97B16						
	6"			74.40		
	5'	1070.00		78.10		
	10'			63.60		
	22'	876.00				

SHADING DENOTES CONCENTRATIONS IN EXCESS OF RESIDENTIAL SCREENING LEVELS

TABLE 2-4
PESTICIDES AND PCB'S

Concentrations reported in mg/Kg		CONCENTRATION LEVELS OF CONCERN mg/Kg (INDUSTRTRIAL / RESIDENTIAL)		
		3.2 / 0.35	1.30 / 0.14	.74 /0.083
BORING	DEPTH	beta-BHC	Heptachlor	PCB-1260
97B3				
	3"			0.07900
97B4				
	3"		0.05490	
97B5				
	6"		0.00760	0.09870
97B7				
	4"		0.00960	0.06100
	15'			0.02780
97B8				
	5'		0.00670	
	29'		0.00879	0.04000
97B9				
	2"			0.04700
	5'			0.01730
	10'			0.01090
97B10				
	6"			0.03600
	25'			0.01240
97B11				
	6"			0.01280
97B12				
	6"			0.04580
	20'		0.00285	
97B14				
	10'		0.01500	0.03570
	11'		0.00917	0.06870
	20'		0.00497	
97B16				
	6"	0.00881		

SHADING DENOTES CONCENTRATIONS IN EXCESS OF RESIDENTIAL SCREENING LEVELS

APPENDICES

APPENDIX I

DEFFENBAUGH INDUSTRIES ENGINEERING

BOREHOLE LOG

LOCATION DESCRIPTION:
NORTHEAST CORNER OF PARKING LOT
APPROXIMATELY 35' SSE OF LOADING RAMP

BORING/WELL ID	97B1	CLIENT	ISC
WELL TAG ID	N/A	ADDRESS	1633 S. MARSH
RIG TYPE & NUMBER	MOBILE B80/715		KANSAS CITY, MO
DRILLING METHOD	AIR ROTARY	PROJECT CODE	RFI
SAMPLING METHOD	SPLIT-SPOON	TEST ID	N/A
BORING DIAMETER	5 INCH	TOTAL DEPTH	5.5'
DATE DRILLED	10/13/97		
DRILLING CREW	RICK GEORGE / GREG HICKMON		
GEOLOGIST	MICK COSSAIRT / JASON DAVIS		

ELEVATIONS (ft)		
PAD	TOC	SWL

STATIC WATER LEVEL (BLS)		
	While Drilling	After Boring
Depth(ft)	N/A	N/A
Time	N/A	N/A
Date	N/A	N/A

SOIL SAMPLES	FIELD (ppm) ANALYSIS	LAB SAMPLES	DEPTH	LITHOLOGIC DESCRIPTION	LITHOLOGY	BORING COMPLETION
B1-0 3'	0	■	0	FILL GRAVEL, WITH LIME DUST BORING DISCONTINUED @ BEDROCK CONTACT		GRAVEL BENTONITE GROUT
			-5	SHALE GRAY, SLIGHTLY MOIST @ CONTACT		

DEFFENBAUGH INDUSTRIES ENGINEERING

BOREHOLE LOG

LOCATION DESCRIPTION
APPROXIMATELY 75' WEST AND 37.5'SOUTH OF BORING B1

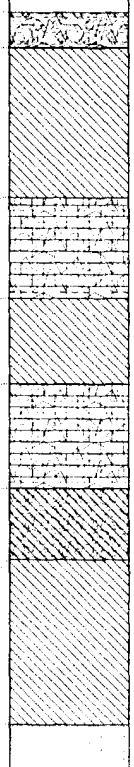
BORING/WELL ID	97B2	CLIENT	ISC
WELL TAG ID	N/A	ADDRESS	1633 S. MARSH
RIG TYPE & NUMBER	MOBILE B80/715		KANSAS CITY, MO
DRILLING METHOD	AIR ROTARY	PROJECT CODE	RFI
SAMPLING METHOD	SPLIT-SPOON	TEST ID	N/A
BORING DIAMETER	5 INCH	TOTAL DEPTH	16.0'
DATE DRILLED	10/13/97		
DRILLING CREW	RICK GEORGE / GREG HICKMON		
GEOLOGIST	MICK COSSAIRT / JASON DAVIS		

ELEVATIONS (ft)		
PAD	TOC	SWL

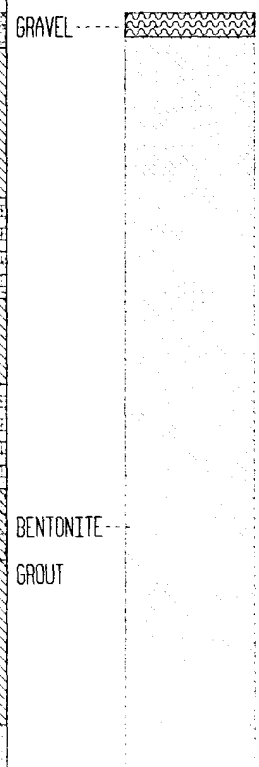
STATIC WATER LEVEL (BLS)		
	While Drilling	After Boring
Depth(ft)	N/A	N/A
Time	N/A	N/A
Date	N/A	N/A

SOIL SAMPLES	FIELD (ppm) ANALYSIS	LAB SAMPLES	DEPTH	LITHOLOGIC DESCRIPTION
B2-0.3'	0	■	0	FILL: GRAVEL, WITH LIME DUST
				CLAY: BROWN, PLASTIC, NO ODOR PRESENT PUSHED SPOON FROM 1'-3' 2.1' RETURN
B2-2.5'	1	■		
				FILL: LIMESTONE RUBBLE, NOT ABLE TO OBTAIN 5' SAMPLE
			-5	
				CLAY: BROWN, NO ODOR PRESENT PUSHED SPOON FROM 6'-7.8'
B2-7.5'	1	■		FILL: LIMESTONE RUBBLE
B2-10.0'	2	■	-10	CLAY: BROWN, MIXED WITH GRAVEL, NO ODOR PRESENT, PUSHED SPOON 10'-12', 1.5' RETURN
				CLAY: BROWN, NO ODOR PRESENT PUSHED SPOON 12'-13.5', 5'RETURN PUSHED SPPON 13.5'-14.5', 5'RETURN
B2-15.0'	0	■		
			-15	LIMESTONE: AUGER REFUSAL ON BEDROCK

LITHOLOGY



BORING COMPLETION



DEFFENBAUGH INDUSTRIES ENGINEERING

BOREHOLE LOG

LOCATION DESCRIPTION: APPROXIMATELY 15' SOUTH OF GW7

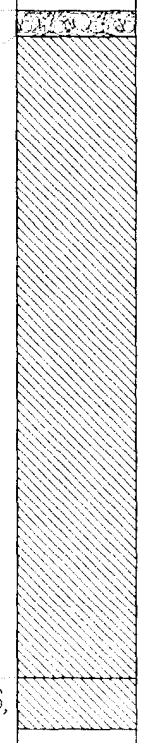
BORING/WELL ID	97B3	CLIENT	ISC
WELL TAG ID	N/A	ADDRESS	1633 S. MARSH
RIG TYPE & NUMBER	MOBILE B80/715		KANSAS CITY, MO
DRILLING METHOD	AIR ROTARY	PROJECT CODE	RFI
SAMPLING METHOD	SPLIT-SPOON	TEST ID	N/A
BORING DIAMETER	5 INCH	TOTAL DEPTH	21.0'
DATE DRILLED	10/14/97		
DRILLING CREW	RICK GEORGE / GREG HICKMON		
GEOLOGIST	MICK COSSAIRT / JASON DAVIS		

ELEVATIONS (ft)		
PAD	TOC	SWL

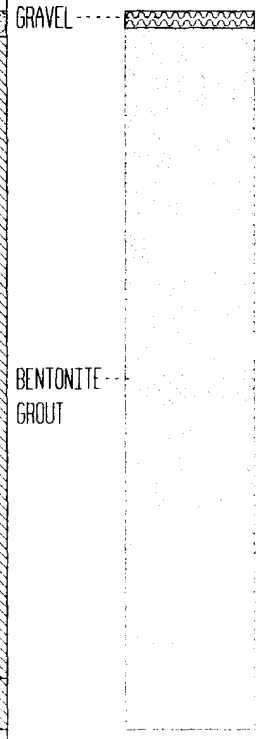
STATIC WATER LEVEL (BLS)		
	While Drilling	After Boring
Depth(ft)	19.5	N/A
Time	N/A	N/A
Date	10/14/97	N/A

SOIL SAMPLES	FIELD (ppm) ANALYSIS	LAB SAMPLES	DEPTH	LITHOLOGIC DESCRIPTION
B3-0.25'	1	■	0	FILL: GRAVEL WITH LIME DUST
B3-2.5'	NA	■		CLAY: BROWN PUSHED SPOON 1.0'-3.0' PUSHED SPOON 3.0'-5.0'
B3-5.0'	1	■	-5	PUSHED SPOON 5.0'-7.0' PUSHED SPOON 7.0'-9.0'
B3-7.0'	1	■		(DUPLICATE SAMPLE PREPARED)
DUP 1		■		PUSHED SPOON 9.0'-11.0' PUSHED SPOON 11.0'-13.0' PUSHED SPOON 13.0'-15.0'
B3-10.0'	1	■	-10	PUSHED SPOON 15.0'-17.0' PUSHED SPOON 17.0'-19.0'
B3-12.0'	1	■		PUSHED SPOON 19.0'-21.0'
B3-15.0'	1	■	-15	
B3-17.0'	1	■		
B3-20.0'	1	■	-20	CLAY: GREY, MOTTLED WITH BLACK STRIATIONS, WET @ 19.5', BORING DISCONTINUED

LITHOLOGY



BORING COMPLETION



DEFFENBAUGH INDUSTRIES ENGINEERING

BOREHOLE LOG

LOCATION DESCRIPTION
APPROXIMATELY 75' SOUTH OF 97B1 AND
OFFSET APPROXIMATELY 20' WEST DUE TO ACESSIBILITY

BORING/WELL ID	97B4	CLIENT	ISC
WELL TAG ID	N/A	ADDRESS	1633 S. MARSH
RIG TYPE & NUMBER	MOBILE B80/715		KANSAS CITY, MO
DRILLING METHOD	AIR ROTARY	PROJECT CODE	RFI
SAMPLING METHOD	SPLIT-SPOON	TEST ID	N/A
BORING DIAMETER	5 INCH	TOTAL DEPTH	8.0'
DATE DRILLED	10/20/97		
DRILLING CREW	RICK GEORGE / GREG HICKMON		
GEOLOGIST	MICK COSSAIRT / JASON DAVIS		

ELEVATIONS (ft)		
PAD	TOC	SWL

STATIC WATER LEVEL (BLS)		
	While Drilling	After Boring
Depth(ft)	N/A	N/A
Time	N/A	N/A
Date	N/A	N/A

SOIL SAMPLES	FIELD (ppm) ANALYSIS	LAB SAMPLES	DEPTH	LITHOLOGIC DESCRIPTION	LITHOLOGY	BORING COMPLETION
B4-0 3'	8	■	0	FILL GRAVEL, WITH LIME DUST ATTEMPTED TO PUSH SPOON @5 0' END PLUGGED WITH GRAVEL AND DUST NOTED COLOR CHANGE AND ATTEMPTED AGAIN UNSUCCESSFULLY @ 6 0'		GRAVEL
			-5			BENTONITE SEAL
				SHALE DARK GRAY ATTEMPTED TO PUSH SPOON @ 8 0' BORING DISCONTINUED - REFUSAL ON BEDROCK		

DEFFENBAUGH INDUSTRIES ENGINEERING

BOREHOLE LOG

LOCATION DESCRIPTION
APPROXIMATELY 150' SOUTH OF 97B1

BORING/WELL ID	97B5	CLIENT	ISC
WELL TAG ID	N/A	ADDRESS	1633 S. MARSH
RIG TYPE & NUMBER	MOBILE B80/715		KANSAS CITY, MO
DRILLING METHOD	AIR ROTARY	PROJECT CODE	RFI
SAMPLING METHOD	SPLIT-SPOON	TEST ID	N/A
BORING DIAMETER	5 INCH	TOTAL DEPTH	7.0'
DATE DRILLED	10/20/97		
DRILLING CREW	RICK GEORGE / GREG HICKMON		
GEOLOGIST	MICK COSSAIRT / JASON DAVIS		

ELEVATIONS (ft)		
PAD	TOC	SWL

STATIC WATER LEVEL (BLS)		
	While Drilling	After Boring
Depth(ft)	N/A	N/A
Time	N/A	N/A
Date	N/A	N/A

SOIL SAMPLES	FIELD (ppm) ANALYSIS	LAB SAMPLES	DEPTH	LITHOLOGIC DESCRIPTION	LITHOLOGY	BORING COMPLETION
B5-0 3'	4	■	0	FILL: GRAVEL, ROCK DUST, AND SOIL		GRAVEL
			-5			BENTONITE
				SHALE: DARK GRAY ATTEMPTED TO PUSH SPOON @ 7.0' BOREHOLE COLLAPSED AND ATTEMPT DISCONTINUED DISCONTINUED BORING AT 7.0' - REFUSAL ON BEDROCK		SEAL

DEFFENBAUGH INDUSTRIES ENGINEERING

BOREHOLE LOG

LOCATION DESCRIPTION
APPROXIMATELY 75' SOUTH OF BORING B2

BORING/WELL ID	97B6	CLIENT	ISC
WELL TAG ID	N/A	ADDRESS	1633 S. MARSH
RIG TYPE & NUMBER	MOBILE B80/715		KANSAS CITY, MO
DRILLING METHOD	AIR ROTARY	PROJECT CODE	RFI
SAMPLING METHOD	SPLIT-SPOON	TEST ID	N/A
BORING DIAMETER	5 INCH	TOTAL DEPTH	10.5'
DATE DRILLED	10/20/97		
DRILLING CREW	RICK GEORGE / GREG HICKMON		
GEOLOGIST	MICK COSSAIRT / JASON DAVIS		

ELEVATIONS (ft)		
PAD	TOC	SWL

STATIC WATER LEVEL (BLS)		
	While Drilling	After Boring
Depth(ft)	10.5	N/A
Time	N/A	N/A
Date	10/20/97	N/A

SOIL SAMPLES	FIELD (ppm) ANALYSIS	LAB SAMPLES	DEPTH	LITHOLOGIC DESCRIPTION	LITHOLOGY	BORING COMPLETION
B6-0 3'	1	■	0	FILL GRAVEL, WITH LIME DUST, PERIODIC CLAY SEAMS ENCOUNTERED		GRAVEL
			-5			BENTONITE SEAL
B6-10 0'	15	■	-10	CLAY BROWN, WITH BLACK STRIATIONS WET AT BOTTOM, NOTICABLE PETROLEUM ODOR PRESENT		

DEFFENBAUGH INDUSTRIES ENGINEERING

BOREHOLE LOG

LOCATION DESCRIPTION: APPROXIMATELY 75' SOUTH OF BORING B6

BORING/WELL ID	97B7	CLIENT	ISC
WELL TAG ID	N/A	ADDRESS	1633 S. MARSH
RIG TYPE & NUMBER	MOBILE B80/715		KANSAS CITY, MO
DRILLING METHOD	AIR ROTARY	PROJECT CODE	RFI
SAMPLING METHOD	SPLIT-SPOON	TEST ID	N/A
BORING DIAMETER	5 INCH	TOTAL DEPTH	16.5'
DATE DRILLED	10/21/97		
DRILLING CREW	RICK GEORGE / GREG HICKMON		
GEOLOGIST	MICK COSSAIRT / JASON DAVIS		

ELEVATIONS (ft)		
PAD	TOC	SWL

STATIC WATER LEVEL (BLS)		
	While Drilling	After Boring
Depth(ft)	N/A	N/A
Time	N/A	N/A
Date	N/A	N/A

SOIL SAMPLES	FIELD (ppm) ANALYSIS	LAB SAMPLES	DEPTH	LITHOLOGIC DESCRIPTION	LITHOLOGY	BORING COMPLETION
B7-0.3'	3.9	■	0	FILL GRAVEL WITH LIME DUST		GRAVEL
				CLAY BROWN, NO ODOR PRESENT, PUSHED SPOON 5'-2.5', 1.8' RETURN		
				GRAVEL CLAY AND CHERT		
				CLAY BROWN WITH GRAVEL, PUSHED SPOON 2.5'-4.5', 8' RETURN		
			-5	FILL LIMESTONE RUBBLE		
		■		CLAY BROWN PUSHED SPOON 5.5'-7.5', 7' RETURN (AMOUNT INSUFFICIENT FOR COMPLETE SAMPLE) PUSHED SPOON 7.5'-9.5', 2' RETURN PUSHED SPOON 9.5'-11.5'		
		■	-10			BENTONITE GROUT
				CLAY BROWN, WITH GRAVEL, POSSIBLY FILL PUSHED SPOON 11.5'-12.5', REFUSAL		
				LIMESTONE		
		■	-15	SHALE GREEN PUSHED SPOON 14.5'-16.5', 1' RETURN DETERMINED BEDROCK ENCOUNTERED		

DEFFENBAUGH INDUSTRIES ENGINEERING

BOREHOLE LOG

LOCATION DESCRIPTION
APPROXIMATELY 75' SOUTH OF BORING B3

BORING/WELL ID	97B8	CLIENT	ISC
WELL TAG ID	N/A	ADDRESS	1633 S. MARSH
RIG TYPE & NUMBER	MOBILE B80/715		KANSAS CITY, MO
DRILLING METHOD	AIR ROTARY	PROJECT CODE	RFI
SAMPLING METHOD	SPLIT-SPOON	TEST ID	N/A
BORING DIAMETER	5 INCH	TOTAL DEPTH	29.0'
DATE DRILLED	10/22/97		
DRILLING CREW	RICK GEORGE / GREG HICKMON		
GEOLOGIST	MICK COSSAIRT / JASON DAVIS		

ELEVATIONS (ft)		
PAD	TOC	SWL

STATIC WATER LEVEL (BLS)		
	While Drilling	After Boring
Depth(ft)	29.0	N/A
Time	N/A	N/A
Date	10/22/97	N/A

SOIL SAMPLES	FIELD (ppm) ANALYSIS	LAB SAMPLES	DEPTH	LITHOLOGIC DESCRIPTION	LITHOLOGY	BORING COMPLETION
B8-0.5'	6.3	■	0	FILL: GRAVEL WITH LIME DUST		GRAVEL
B8-5.0'	5.7	■	-5	CLAY: BROWN PUSHED SPOON 4.0'-5.0' (NO RETURN DUE TO OBSTRUCTION AT END OF TUBE) PUSHED SPOON 5.0'-7.0' PUSHED SPOON 7.0'-9.0'		
B8-10.0'	7.3	■	-10	PUSHED SPOON 9.0'-11.0' PUSHED SPOON 11.0'-13.0' PUSHED SPOON 13.0'-15.0' PUSHED SPOON 15.0'-17.0' PUSHED SPOON 17.0'-19.0' PUSHED SPOON 19.0'-21.0'		BENTONITE GROUT
B8-15.0'	4.9	■	-15	PUSHED SPOON 21.0'-23.0' PUSHED SPOON 23.0'-25.0' (WATER PRESENT 23.5'-23.9', APPEARS TO BE PERCHED ABOVE COLOR CHANGE TO GREY)		
B8-20.0'	4.1	■	-20			
B8-25.0'	0	■	-25	CLAY: GREY, WITH IRON STAINING PUSHED SPOON 25.0'-27.0' PUSHED SPOON 27.0'-29.0' (VISIBLE PETROLEUM CONTAMINATION 28.0'-29.0', INSUFFICIENT QUANTITY TO PREPARE COMPLETE SAMPLE, PARTIAL FILLED ALL SAMPLE CONTAINERS)		
B8-29.0'	29.7	■	-30			

DEFFENBAUGH INDUSTRIES ENGINEERING

BOREHOLE LOG

LOCATION DESCRIPTION
APPROXIMATELY 75' SOUTH OF BORING B8

BORING/WELL ID	97B9	CLIENT	ISC
WELL TAG ID	N/A	ADDRESS	1633 S. MARSH
RIG TYPE & NUMBER	MOBILE B80/715		KANSAS CITY, MO
DRILLING METHOD	AIR ROTARY	PROJECT CODE	RFI
SAMPLING METHOD	SPLIT-SPOON	TEST ID	N/A
BORING DIAMETER	5 INCH	TOTAL DEPTH	25.0'
DATE DRILLED	11/3/97		
DRILLING CREW	RICK GEORGE / GREG HICKMON		
GEOLOGIST	MICK COSSAIRT / JASON DAVIS		

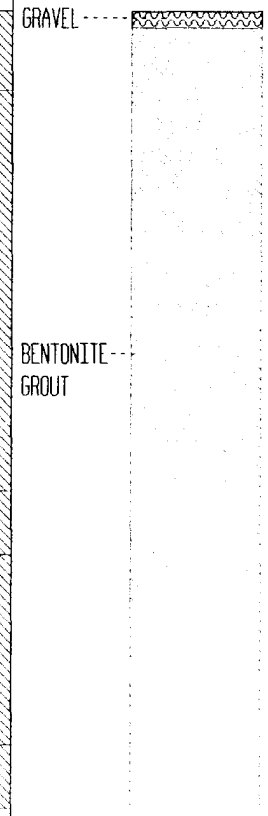
ELEVATIONS (ft)		
PAD	TOC	SWL

STATIC WATER LEVEL (BLS)		
	While Drilling	After Boring
Depth(ft)	25.0	N/A
Time	N/A	N/A
Date	11/3/97	N/A

SOIL SAMPLES	FIELD (ppm) ANALYSIS	LAB SAMPLES	DEPTH	LITHOLOGIC DESCRIPTION
B9-0.3'	0	■	0	CLAY: BROWN TO DARK BROWN, NO ODOR PRESENT
				CLAY: BROWN PUSHED SPOON 2.5'-5.0' PUSHED SPOON 5.0'-7.0' PUSHED SPOON 7.0'-9.0' (TOP OF SAMPLE CONTAINED PIECES OF brick IN THIN LAYERS) PUSHED SPOON 9.0'-11.0' PUSHED SPOON 11.0'-13.0'
B9-5.0'	2	■	-5	
B9-10.0'	2	■	-10	(SAMPLE CONTAINED SOME sandy YELLOW Ls. ERATICS) PUSHED SPOON 13.0'-15.0'
				CLAY: YELLOWISH BROWN, NO ODOR, PUSHED SPOON 15.0'-17.0' (INCREASING QTY. sandy YELLOW Ls.)
B9-15.0'	0	■	-15	
				CLAY: BROWN, NO ODOR PUSHED SPOON 17.0'-19.0' PUSHED SPOON 19.0'-21.0' (A FEW Ls. ERATICS SLIGHTLY INCREASED SIZE) PUSHED SPOON 21.0'-23.0', 1.3' RETURN (Ls. OBSTRUCTION, SAMPLE CONTAINED ANGULAR Ls. PIECES UP TO 1".)
B9-20.0'	0	■	-20	
				CLAY: BROWN, WITH ERATICS OF sandy Ls AND BLACK-GREY chert, WET @ 24' PUSHED SPOON 23.0'-25.0' BORING DISCONTINUED
B9-25.0'	2	■	-25	

LITHOLOGY

BORING COMPLETION



DEFFENBAUGH INDUSTRIES ENGINEERING

BOREHOLE LOG

LOCATION DESCRIPTION: APPROXIMATELY 55' SOUTH OF BORING B9

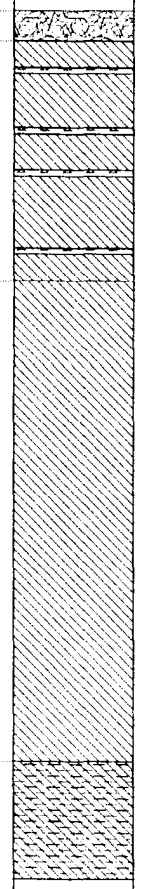
BORING/WELL ID:	97B10	CLIENT:	ISC
WELL TAG ID:	N/A	ADDRESS:	1633 S. MARSH
RIG TYPE & NUMBER:	MOBILE B80/715		KANSAS CITY, MO
DRILLING METHOD:	AIR ROTARY	PROJECT CODE:	RFI
SAMPLING METHOD:	SPLIT-SPOON	TEST ID:	N/A
BORING DIAMETER:	5 INCH	TOTAL DEPTH:	29.0'
DATE DRILLED:	11/4/97		
DRILLING CREW:	RICK GEORGE / GREG HICKMON		
GEOLOGIST:	MICK COSSAIRT / JASON DAVIS		

ELEVATIONS (ft)		
PAD	TOC	SWL

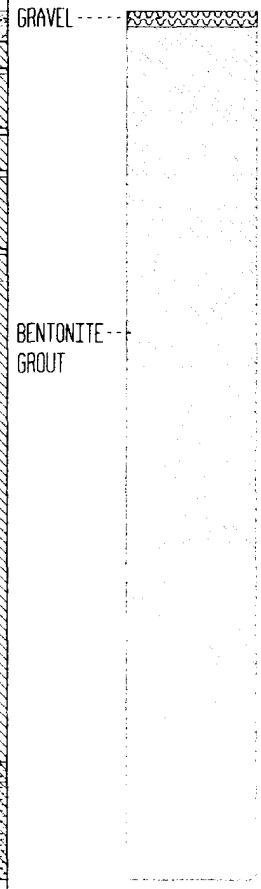
STATIC WATER LEVEL (BLS)		
	While Drilling	After Boring
Depth(ft)	29.0	N/A
Time	N/A	N/A
Date	11/4/97	N/A

SOIL SAMPLES	FIELD (ppm) ANALYSIS	LAB SAMPLES	DEPTH	LITHOLOGIC DESCRIPTION
B10-0.5'	1	■	0	FILL: PARKING LOT GRAVEL
				CLAY: BROWN, chert ERATICS ENCOUNTERD SPORATICALLY TO 9.0', NO ODOR PUSHED SPOON 1.0'-3.0' PUSHED SPOON 3.0'-5.0'
B10-5.0'	0	■	-5	PUSHED SPOON 5.0'-7.0' PUSHED SPOON 7.0'-9.0'
B10-10.0'	0	■	-10	CLAY: BROWN, NO ODOR PUSHED SPOON 9.0'-11.0' PUSHED SPOON 11.0'-13.0' (INCREASING MOISTURE CONTENT) PUSHED SPOON 13.0'-15.0' PUSHED SPOON 15.0'-17.0'
B10-15.0'	0	■	-15	(INCREASING MOISTURE CONTENT) PUSHED SPOON 17.0'-19.0' PUSHED SPOON 19.0'-21.0' PUSHED SPOON 21.0'-23.0' PUSHED SPOON 23.0'-25.0'
B10-20.0'	0	■	-20	
B10-25.0'	0	■	-25	CLAY: GREY, SILTY, WITH IRON STAINING SOME BLACK COLORATION, WET@ 29.0' PUSHED SPOON 25.0'-27.0' PUSHED SPOON 27.0'-29.0' BORING DISCONTINUED @ 29.0'
			-30	

LITHOLOGY



BORING COMPLETION



DEFFENBAUGH INDUSTRIES ENGINEERING

BOREHOLE LOG

LOCATION DESCRIPTION
APPROXIMATELY 150' WEST OF BORING B6

BORING/WELL ID	97B11	CLIENT	ISC
WELL TAG ID	N/A	ADDRESS	1633 S. MARSH
RIG TYPE & NUMBER	MOBILE B80/715		KANSAS CITY, MO
DRILLING METHOD	AIR ROTARY	PROJECT CODE	RFI
SAMPLING METHOD	SPLIT-SPOON	TEST ID	N/A
BORING DIAMETER	5 INCH	TOTAL DEPTH	30.0'
DATE DRILLED	11/6/97		
DRILLING CREW	RICK GEORGE / GREG HICKMON		
GEOLOGIST	MICK COSSAIRT / JASON DAVIS		

ELEVATIONS (ft)		
PAD	TOC	SWL

STATIC WATER LEVEL (BLS)		
	While Drilling	After Boring
Depth(ft)	30.0	N/A
Time	N/A	N/A
Date	11/6/97	N/A

SOIL SAMPLES	FIELD (ppm) ANALYSIS	LAB SAMPLES	DEPTH
B11-0.5'	0	■	0
			-5
B11-10.0'	0	■	-10
B11-15.0'	1	■	-15
B11-20.0'	0	■	-20
B11-25.0'	0	■	-25
B11-30.0'	0	■	-30

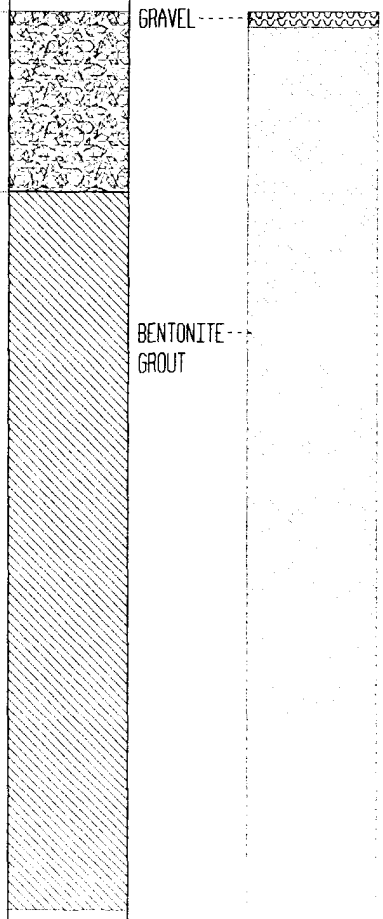
LITHOLOGIC DESCRIPTION

FILL: PARKING LOT GRAVEL, BOREHOLE CAVED, OVERDRILLED AND CASED WITH 7' OF 6" SCHED 80 PVC PIPE, UNABLE TO OBTAIN A 5.0' SAMPLE

CLAY: BROWN, NO ODOR
PUSHED SPOON 6.0'-8.0'
PUSHED SPOON 8.0'-10.0'
PUSHED SPOON 10.0'-12.0'
PUSHED SPOON 12.0'-14.0'
PUSHED SPOON 14.0'-16.0'
PUSHED SPOON 16.0'-18.0'
(INCREASING MOISTURE CONTENT)
PUSHED SPOON 18.0'-20.0'
PUSHED SPOON 20.0'-22.0'
PUSHED SPOON 22.0'-24.0'
(SOME BLACK COLORATION)
PUSHED SPOON 24.0'-26.0'
PUSHED SPOON 26.0'-28.0'
PUSHED SPOON 28.0'-30.0'
(WET @ 30.0', BORING DISCONTINUED)

LITHOLOGY

BORING COMPLETION



DEFFENBAUGH INDUSTRIES ENGINEERING

BOREHOLE LOG

LOCATION DESCRIPTION
APPROXIMATELY 75' NORTH OF BORING B11

BORING/WELL ID	97B12	CLIENT	ISC
WELL TAG ID	N/A	ADDRESS	1633 S. MARSH
RIG TYPE & NUMBER	MOBILE B80/715		KANSAS CITY, MO
DRILLING METHOD	AIR ROTARY	PROJECT CODE	RFI
SAMPLING METHOD	SPLIT-SPOON	TEST ID	N/A
BORING DIAMETER	5 INCH	TOTAL DEPTH	23.0'
DATE DRILLED	11/10/97		
DRILLING CREW	RICK GEORGE / GREG HICKMON		
GEOLOGIST	MICK COSSAIRT / JASON DAVIS		

ELEVATIONS (ft)		
PAD	TOC	SWL

STATIC WATER LEVEL (BLS)		
	While Drilling	After Boring
Depth(ft)	23.0	N/A
Time	N/A	N/A
Date	11/10/97	N/A

SOIL SAMPLES	FIELD (ppm) ANALYSIS	LAB SAMPLES	DEPTH	LITHOLOGIC DESCRIPTION	LITHOLOGY	BORING COMPLETION
B12-0.5'	8	■	0	FILL: PARKING LOT GRAVEL, OVERDRILLED AND CASED TO 9' WITH 6" SCHED 80 PVC PIPE, UNABLE TO OBTAIN A 5.0' SAMPLE		GRAVEL
			-5			
B12-10.0'	1	■	-10	CLAY: DARK BROWN, ERATICS INCLUDE BRICK OR TILE, WOOD, SPARY CALCITE Ls		BENTONITE GROUT
				FILL: PUSHED SPOON 10.0'-12.0', PARTIAL RETURN ON TWO ATTEMPTS, OVERDRILLED TO 15.0' AND RECASED TO SURFACE		
B12-15.0'	1	■	-15	CLAY: BROWN, SOFT, NO ODOR PUSHED SPOON 15.0'-17.0'		
B12 DUP	1	■		PUSHED SPOON 17.0'-19.0' (PREPARED DUPLICATE SAMPLE) PUSHED SPOON 19.0'-21.0'		
B12-20.0'	1	■	-20	PUSHED SPOON 21.0'-23.0' (WET @ 23.0', BORING DISCONTINUED)		
			-25			

DEFFENBAUGH INDUSTRIES ENGINEERING

BOREHOLE LOG

LOCATION DESCRIPTION
APPROXIMATELY 75' SOUTH OF BORING B11

BORING/WELL ID	97B13	CLIENT	ISC
WELL TAG ID	N/A	ADDRESS	1633 S. MARSH
RIG TYPE & NUMBER	MOBILE B80/715		KANSAS CITY, MO
DRILLING METHOD	AIR ROTARY	PROJECT CODE	RFI
SAMPLING METHOD	SPLIT-SPOON	TEST ID	N/A
BORING DIAMETER	5 INCH	TOTAL DEPTH	32.0'
DATE DRILLED	11/12/97		
DRILLING CREW	RICK GEORGE / GREG HICKMON		
GEOLOGIST	MICK COSSAIRT / JASON DAVIS		

ELEVATIONS (ft)		
PAD	TOC	SWL

STATIC WATER LEVEL (BLS)		
	While Drilling	After Boring
Depth(ft)	32.0	N/A
Time	N/A	N/A
Date	11/12/97	N/A

SOIL SAMPLES	FIELD (ppm) ANALYSIS	LAB SAMPLES	DEPTH	LITHOLOGIC DESCRIPTION	LITHOLOGY	BORING COMPLETION
B13-0.5'	1	■	0	FILL PARKING LOT GRAVEL, OVERDRILLED AND CASED TO 6' WITH 6" SCHED 80 PVC PIPE, UNABLE TO OBTAIN A 5.0' SAMPLE		GRAVEL
			-5	CLAY BROWN, NO ODOR PUSHED SPOON 6.0'-8.0' PUSHED SPOON 8.0'-10.0' PUSHED SPOON 10.0'-12.0' (PREPARED DUPLICATE SAMPLE) PUSHED SPOON 12.0'-14.0'		BENTONITE GROUT
B13-10.0'	3	■				
B13 DUP	3	■	-10			
B13-15.0'	6	■	-15	CLAY BROWN, SOFT, NO ODOR PUSHED SPOON 14.0'-16.0' PUSHED SPOON 16.0'-18.0' PUSHED SPOON 18.0'-20.0'		
B13-20.0'	3	■	-20	CLAY TAN, SOFT, NO ODOR PUSHED SPOON 20.0'-22.0' PUSHED SPOON 22.0'-24.0' PUSHED SPOON 24.0'-26.0' PUSHED SPOON 26.0'-28.0'		
B13-25.0'	1	■	-25			
B13-30.0'		■	-30	CLAY BROWN, VERY SOFT, NO ODOR PUSHED SPOON 28.0'-30.0' PUSHED SPOON 30.0'-32.0' (WET @ 32.0', BORING DISCONTINUED)		

DEFFENBAUGH INDUSTRIES ENGINEERING

BOREHOLE LOG

LOCATION DESCRIPTION
APPROXIMATELY 50' NORTH OF THE CULVERT IN EAST DRAINAGE DITCH OF MARSH AVENUE, NORTH OF THE TANK FARM

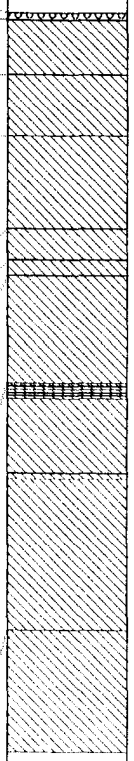
BORING/WELL ID	97B14	CLIENT	ISC
WELL TAG ID	N/A	ADDRESS	1633 S. MARSH
RIG TYPE & NUMBER	CME-55/7170		KANSAS CITY, MO
DRILLING METHOD	HOLLOW STEM AUGER	PROJECT CODE	RFI
SAMPLING METHOD	SPLIT-SPOON	TEST ID	N/A
BORING DIAMETER	5 INCH	TOTAL DEPTH	24.0'
DATE DRILLED	11/24/97		
DRILLING CREW	RICK GEORGE / HERB GLEN / MIKE METZ		
GEOLOGIST	MICK COSSAIRT / JASON DAVIS		

ELEVATIONS (ft)		
PAD	TOC	SWL

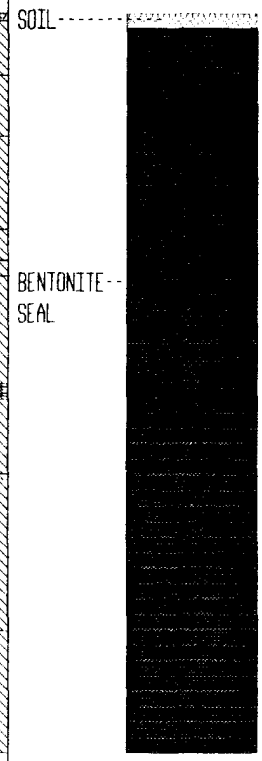
STATIC WATER LEVEL (BLS)		
	While Drilling	After Boring
Depth(ft)	23.0	N/A
Time	N/A	N/A
Date	11/24/97	N/A

SOIL SAMPLES	FIELD (ppm) ANALYSIS	LAB SAMPLES	DEPTH	LITHOLOGIC DESCRIPTION
B14-0.5'	0.8	■	0	SOIL
				CLAY: BROWN PUSHED SPOON 0.0'-2.0'
				CLAY: BROWN WITH BLACK STRIATIONS PUSHED SPOON 2.0'-4.0'
B14-5.0'	0	■	-5	CLAY: BROWN WITH ROOT CAVITIES AND IRON STAINING, GREY @ 6' END PUSHED SPOON 4.0'-6.0' (MOIST 4.5-5.5) PUSHED SPOON 6.0'-8.0'
				CLAY: GREY WITH BLACK STRIATIONS
B14-10.0'	4	■	-10	
B14-11.0'	19	■		CLAY: BROWN, PUSHED SPOON 8.0'-10.0'
				CLAY: GREY WITH BLACK DISCOLORATION, INCREASING MOISTURE, ODOR PRESENT PUSHED SPOON 10.0'-12.0'
B14-15.0'		■	-15	COLLECTED ADDITIONAL SAMPLE @ 11.0' INCREASED DISCOLORATION AND ODOR
				CLAY: GREY WITH IRON STAINGING PUSHED SPOON 12.0'-14.0' (BLACK shale ERATICS 12.0'-12.5')
B14-20.0'	0	■	-20	PUSHED SPOON 14.0'-16.0' (BLACK shale ERATIC @ 15.0') PUSHED SPOON 16.0'-18.0'
B14-24.0'	0	■		(MOIST @ 16.5) PUSHED SPOON 18.0'-20.0'
			-25	(MOIST 18.5'-19.0')
				CLAY: GREY, MOIST, NO ODOR PUSHED SPOON 20.0'-22.0' & 22.0'-24.0' (WET @ 23.0', BORING DISCONTINUED)

LITHOLOGY



BORING COMPLETION



DEFFENBAUGH INDUSTRIES ENGINEERING

BOREHOLE LOG

LOCATION DESCRIPTION
APPROXIMATELY 50' NORTH OF B-14 IN EAST DRAINAGE DITCH OF MARSH AVENUE, NORTH OF THE TANK FARM

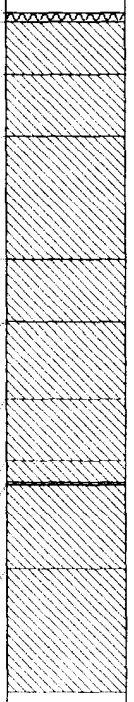
BORING/WELL ID	97B15	CLIENT	ISC
WELL TAG ID	N/A	ADDRESS	1633 S. MARSH
RIG TYPE & NUMBER	CME-55/7170		KANSAS CITY, MO
DRILLING METHOD	HOLLOW STEM AUGER	PROJECT CODE	RFI
SAMPLING METHOD	SPLIT-SPOON	TEST ID	N/A
BORING DIAMETER	5 INCH	TOTAL DEPTH	24.0'
DATE DRILLED	11/25/97		
DRILLING CREW	RICK GEORGE / HERB GLEN / MIKE METZ		
GEOLOGIST	MICK COSSAIRT / JASON DAVIS		

ELEVATIONS (ft)		
PAD	TOC	SWL

STATIC WATER LEVEL (BLS)		
	While Drilling	After Boring
Depth(ft)	22.0	N/A
Time	N/A	N/A
Date	11/25/97	N/A

SOIL SAMPLES	FIELD (ppm) ANALYSIS	LAB SAMPLES	DEPTH	LITHOLOGIC DESCRIPTION
B15-0.5'	3	■	0	SOIL
				CLAY: BROWN, ROOT CAVITIES TO 1.5' PUSHED SPOON 0.0'-2.0'
				CLAY: BROWN, NO ODOR PUSHED SPOON 2.0'-4.0'
B15-5.0'	1	■	-5	CLAY: BROWN WITH BLACK STRIATIONS, NO ODOR PUSHED SPOON 4.0'-6.0'
B15 DUP	1	■		PUSHED SPOON 6.0'-8.0'
B15-10.0'	3	■	-10	CLAY: BROWN WITH IRON STAINING, INCREASED MOISTURE, NO ODOR PRESENT PUSHED SPOON 8.0'-10.0'
				CLAY: BROWN, WITH GRAY HUE AND IRON STAINING, VERY PLASTIC, NO ODOR PUSHED SPOON 10.0'-12.0' PUSHED SPOON 12.0'-14.0'
B15-15.0'	1	■	-15	CLAY: GREY PUSHED SPOON 14.0'-16.0'
				CLAY: BROWN, BLACK ERATIC @ 15.25'
				CLAY: GREY WITH BLACK STRIATIONS, NO ODOR PUSHED SPOON 16.0'-18.0'
B15-20.0'	3	■	-20	CLAY: GREY, NO ODOR PRESENT PUSHED SPOON 18.0'-20.0'
B15-22.0'	1	■		PUSHED SPOON 20.0'-22.0' (WET @ 22.0', BORING DISCONTINUED)
			-25	

LITHOLOGY



BORING COMPLETION

DEFFENBAUGH INDUSTRIES ENGINEERING

BOREHOLE LOG

LOCATION DESCRIPTION
APPROXIMATELY 50' NORTH OF B-15 IN EAST DRAINAGE DITCH OF MARSH AVENUE, NORTH OF THE TANK FARM

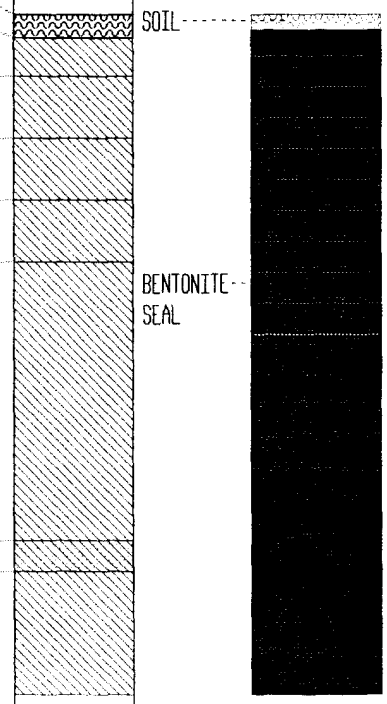
BORING/WELL ID	97B16	CLIENT	ISC
WELL TAG ID	N/A	ADDRESS	1633 S. MARSH
RIG TYPE & NUMBER	CME-55/7170		KANSAS CITY, MO
DRILLING METHOD	HOLLOW STEM AUGER	PROJECT CODE	RFI
SAMPLING METHOD	SPLIT-SPOON	TEST ID	N/A
BORING DIAMETER	5 INCH	TOTAL DEPTH	22.0'
DATE DRILLED	11/26/97		
DRILLING CREW	RICK GEORGE / HERB GLEN / MIKE METZ		
GEOLOGIST	MICK COSSAIRT / JASON DAVIS		

ELEVATIONS (ft)		
PAD	TOC	SWL

STATIC WATER LEVEL (BLS)		
	While Drilling	After Boring
Depth(ft)	22.0	N/A
Time	N/A	N/A
Date	11/26/97	N/A

SOIL SAMPLES	FIELD (ppm) ANALYSIS	LAB SAMPLES	DEPTH	LITHOLOGIC DESCRIPTION
B15-0.5'	1	■	0	SOIL
				CLAY: BROWN, NO ODOR PRESENT PUSHED SPOON 0.0'-2.0'
				CLAY: BROWN WITH BLACK STRIATIONS, NO ODOR PUSHED SPOON 2.0'-4.0'
B15-5.0'	0	■	-5	CLAY: BROWN, MOIST, NO ODOR PUSHED SPOON 4.0'-6.0'
				CLAY: BROWN, NO ODOR PUSHED SPOON 6.0'-8.0'
B15-10.0'	7	■	-10	CLAY: BROWN, MOIST, NO ODOR PUSHED SPOON 8.0'-10.0' PUSHED SPOON 10.0'-12.0' PUSHED SPOON 12.0'-14.0' (RED ERATIC @ 14.0') PUSHED SPOON 14.0'-16.0' PUSHED SPOON 16.0'-18.0'
B15-15.0'	1	■	-15	
				CLAY: BROWN, SANDY, INCREASED MOISTURE
				CLAY: GREY, NO ODOR PRESENT PUSHED SPOON 18.0'-20.0'
B15-20.0'	1	■	-20	PUSHED SPOON 20.0'-22.0' (WET @ 22.0', BORING DISCONTINUED)
B15-22.0'	1	■		
			-25	

BORING COMPLETION



DEFFENBAUGH INDUSTRIES ENGINEERING

BOREHOLE LOG

LOCATION DESCRIPTION
THROUGH FLOOR IN THE SOUTH BAY OF THE GARAGE

BORING/WELL ID	97B17	CLIENT	ISC
WELL TAG ID	N/A	ADDRESS	1633 S. MARSH
RIG TYPE & NUMBER	MOBILE B-40		KANSAS CITY, MO
DRILLING METHOD	HOLLOW STEM AUGER	PROJECT CODE	RFI
SAMPLING METHOD	SPLIT-SPOON	TEST ID	N/A
BORING DIAMETER	8 INCH	TOTAL DEPTH	7.5'
DATE DRILLED	3/10/98		
DRILLING CREW	LAYNE-WESTERN RUSTY BOWLES / ROBBIE SLAYDEN		
GEOLOGIST	JASON DAVIS / KEVIN BAILEY		

ELEVATIONS (ft)		
PAD	TOC	SWL

STATIC WATER LEVEL (BLS)		
	While Drilling	After Boring
Depth(ft)	N/A	N/A
Time	N/A	N/A
Date	N/A	N/A

SOIL SAMPLES	FIELD (ppm) ANALYSIS	LAB SAMPLES	DEPTH	LITHOLOGIC DESCRIPTION	LITHOLOGY	BORING COMPLETION
			0	CONCRETE		CONCRETE
B17-0.5'	1	■		CLAY BROWN, MOIST, NO ODOR PRESENT		
B17-2.5'		■		CLAY OLIVE GREY, LESSENING MOISTURE, NO ODOR		
			-5			CEMENT
B17-5.0'	1	■		CLAY OLIVE GREY, AUGER REFUSAL ON BEDROCK @ 7.5', BORING DISCONTINUED		GROUT
B17-7.5'		■				

DEFFENBAUGH INDUSTRIES ENGINEERING

BOREHOLE LOG

LOCATION DESCRIPTION
THROUGH FLOOR IN THE NORTH BAY OF THE GARAGE

BORING/WELL ID	97B18	CLIENT	ISC
WELL TAG ID	N/A	ADDRESS	1633 S. MARSH
RIG TYPE & NUMBER	MOBILE B-40		KANSAS CITY, MO
DRILLING METHOD	HOLLOW STEM AUGER	PROJECT CODE	RFI
SAMPLING METHOD	SPLIT-SPOON	TEST ID	N/A
BORING DIAMETER	8 INCH	TOTAL DEPTH	8.4'
DATE DRILLED	3/11/98		
DRILLING CREW	LAYNE-WESTERN RUSTY BOWLES / ROBBIE SLAYDEN		
GEOLOGIST	JASON DAVIS / KEVIN BAILEY		

ELEVATIONS (ft)		
PAD	TOC	SWL

STATIC WATER LEVEL (BLS)		
	While Drilling	After Boring
Depth(ft)	N/A	N/A
Time	N/A	N/A
Date	N/A	N/A

SOIL SAMPLES	FIELD (ppm) ANALYSIS	LAB SAMPLES	DEPTH	LITHOLOGIC DESCRIPTION	LITHOLOGY	BORING COMPLETION
			0	CONCRETE		CONCRETE
B18-0 5'	0	■		CLAY GREY, NO ODOR PRESENT		
B18-2 5'		■		CLAY GREY, NO ODOR		
			5			CEMENT
B18-5 0'	2	■		CLAY GREY, SLIGHT PETROLEUM ODOR		GROUT
B18-7 5'		■		CLAY GREY, SLIGHT PETROLEUM ODOR, AUGER REFUSAL ON BEDROCK @ 8 4', BORING DISCONTINUED		
B18-8 4'	80					

DEFFENBAUGH INDUSTRIES ENGINEERING

BOREHOLE LOG

LOCATION DESCRIPTION
THROUGH FLOOR IN THE CENTER BAY OF THE GARAGE

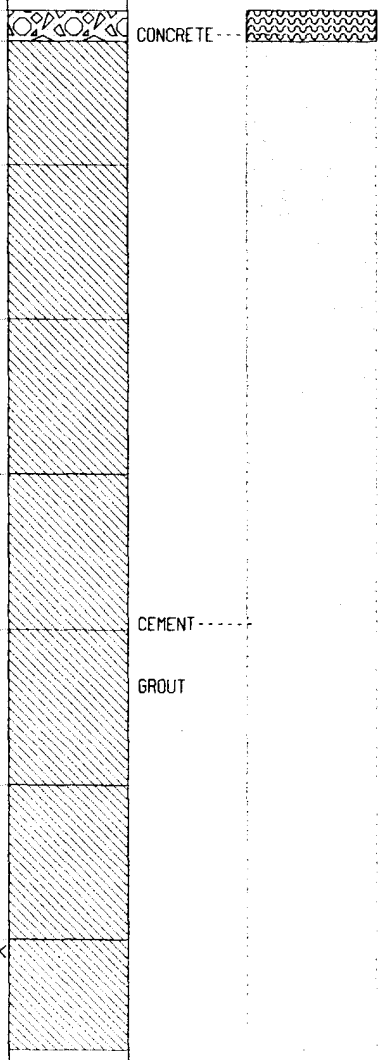
BORING/WELL ID	97B19	CLIENT	ISC
WELL TAG ID	N/A	ADDRESS	1633 S. MARSH
RIG TYPE & NUMBER	MOBILE B-40		KANSAS CITY, MO
DRILLING METHOD	HOLLOW STEM AUGER	PROJECT CODE	RFI
SAMPLING METHOD	SPLIT-SPOON	TEST ID	N/A
BORING DIAMETER	8 INCH	TOTAL DEPTH	16.8'
DATE DRILLED	3/11/98		
DRILLING CREW	LAYNE-WESTERN RUSTY BOWLES / ROBBIE SLAYDEN		
GEOLOGIST	JASON DAVIS / KEVIN BAILEY		

ELEVATIONS (ft)		
PAD	TOC	SWL

STATIC WATER LEVEL (BLS)		
	While Drilling	After Boring
Depth(ft)	16.8	N/A
Time	N/A	N/A
Date	3/11/98	N/A

SOIL SAMPLES	FIELD (ppm) ANALYSIS	LAB SAMPLES	DEPTH	LITHOLOGIC DESCRIPTION
B19-0.5'	6	■	0	CONCRETE
				CLAY: BROWN, NO ODOR PRESENT
B19-2.5'		■		CLAY: OLIVE GREEN, NO ODOR
B19-5.0'	3	■	-5	CLAY: OLIVE GREEN, NO ODOR
B19-7.5'		■		CLAY: OLIVE GREEN, SLIGHT PETROLEUM ODOR,
B19-10.0'	2	■	-10	CLAY: OLIVE GREEN, SLIGHT PETROLEUM ODOR,
B19-12.5'		■		CLAY: OLIVE, SOME IRON STAINING PRESENT, VERY SLIGHT PETROLEUM ODOR
B19-15.0'	55	■	-15	CLAY: OLIVE GREEN, AUGER REFUSAL ON BEDROCK @ 16.8', ENCOUNTERED GROUND WATER, PETROLEUM ODOR PRESENT
B19-16.8'	24	■		

LITHOLOGY



BORING COMPLETION

MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGY AND LAND SURVEY

MONITORING WELL CERTIFICATION RECORD

OFFICE USE ONLY	DATE RECEIVED
REF. NO. 122895	CHECK NO.
ROUTE	TRANSMITTAL NO.
STATE WELL NUMBER	CROSS REFERENCE NO.
CHECKED BY	ENTERED Ph 1 Ph 2 Ph 3
APPROVED BY	DATE APPROVED

INFORMATION SUPPLIED BY OWNER

SITE NAME		WELL NUMBER	
XXXX Industrial Service Corporation		GW9A	
SITE ADDRESS: 1633 S. Marsh Avenue	CITY: Kansas City	STATE: MO	ZIP CODE: 64126
NAME: Deffenbaugh Industries, Inc.		TELEPHONE: (913) 631-3300	
ADDRESS: 18181 W. 53rd Street	CITY: Shawnee	STATE: KS	ZIP CODE: 66217

INFORMATION SUPPLIED BY MONITORING WELL CONTRACTOR

LOCATION OF WELL
SHOW LOCATION IN SECTION PLAT

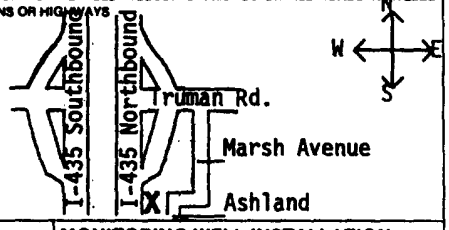
COUNTY: Jackson
ELEVATION: 767.54'
AREA NO.

SMALLEST ¼: ___ ¼ SW ¼ SW ¼ LARGEST ¼: SE ¼

SEC. 6 TWN. 49 N.RNG. 32 E OR (W)

LAT. 39 - 5 - 21 - LONG. 94 - 29 - 9 -

SKETCH THE LOCATION TO THE WELL INCLUDING MILEAGE ON ALL ROADS TRAVELED FROM NEAREST TOWNS OR HIGHWAYS



DESCRIBE LOCATION OF THE WELL SO WE WOULD BE ABLE TO VISIT IT
Interstate I-435 Northbound Highway Right-of-Way adjacent to to the beginning of the Truman Road Exit Ramp.

MONITORING WELL INSTALLATION CONTRACTOR'S NAME

NOTE: Record the fraction of a foot in decimal, not in inches.

Top of Riser Elevation: 766.95'

LOCKING CAP - (Y) / N (Circle one)
CAP VENT - Y / (N) (Circle one)
PROTECTIVE CASING Type: Steel Flush Mount
Size: 8"
Bore Hole Diameter: 8"
WEEP HOLE - Y / (N) (Circle one)

Ground Surface Elevation: Ft

Information in this column to be supplied in the Feet from Surface column

Feet from Surface	Description of Formation
Depth to bottom of Protective Casing Seal: 1.0'	Soil, Brown, Clayey
	3.0'
	Soil, Black, 6.0' Friable
	Clay, Dk. Brown, 7.0' Mod. Plastic
Depth to Base of Annular Seal: 9.0'	Clay, Brown
Depth to Base of Bentonite Seal: 12.3'	Mod. Plastic Moist 14' Wet 19'
Depth to Base of Secondary Filter Pack:	
Depth to Top of the Screen: 14.0'	
Depth to Bottom of the Screen: 24.0'	
Plug Back Total Depth: NA	
Original Total Depth: 24.5'	

PROTECTIVE CASING SEAL Type: (X) Concrete ( ) Cement Slurry
RISER PIPE Length: 13.5' Diameter: 2.0" Type of Material: PVC
BOREHOLE DIAMETER: 8" In.
ANNULAR SEAL Type: (X) Bentonite Slurry ( ) Cement Slurry ( ) Non Slurry Bentonite
BENTONITE SEAL Type: ( ) Bentonite Slurry (X) Non Slurry Bentonite Length of Seal: 3.3' Ft.
SECONDARY FILTER PACK (Optional) Type: ( ) Sand ( ) Manufactured Grain Size: ___ Length: ___
PRIMARY FILTER PACK Type: (X) Sand ( ) Manufactured Grain Size: 10-20 Length: 11.8'
WELL SCREEN Length: 10' Slot Size: 0.010 Type: PVC
SUMP DETAILS Length: .5 Ft. Diameter: 2 In. Type: PVC
TYPE OF BACKFILL: NA

DRILLING CONTRACTOR'S NAME Total Environmental Services & Technologies

TYPE OF INSTALLATION: ☐ ABOVE GROUND ☒ FLUSH MOUNT

STATIC WATER LEVEL: 13.77' FEET FROM MEASURING POINT

DATE OF STATIC WATER LEVEL: 12/2/97

ELEVATION OF MEASURING POINT: 766.95'

MEASURING POINT IS: ☒ TOP OF RISER PIPE ☐ OTHER ___

DRILLING EQUIPMENT: ☐ AIR ROTARY ☒ AUGER TYPE Hollow Stem ☐ REVERSE ROTARY ☐ OTHER ___

CENTRALIZERS USED: ☐ YES, AT ___ ☐ STAINLESS STEEL ☐ OTHER ___ ☒ NO

MULTIPLE CASED WELLS: SUBMIT ADDITIONAL AS BUILT DIAGRAM SHOWING WELL CONSTRUCTION DETAILS INCLUDING TYPE AND SIZE OF ALL CASING, HOLE DIAMETERS, AND GROUT USED.

DATE WELL CONSTRUCTION WAS COMPLETED: 11/4/97

I HEREBY CERTIFY THAT THE MONITORING WELL HEREIN DESCRIBED WAS CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT OF NATURAL RESOURCES REQUIREMENTS FOR THE CONSTRUCTION OF MONITORING WELLS.

SIGNATURE (MONITORING WELL CONTRACTOR)

PERMIT NUMBER	DATE
XXXXXX 002793M	

SIGNATURE (DRILLING CONTRACTOR)

PERMIT NUMBER	DATE
XXXXXX 002793M	

MO 780-1415 (2-94)

DISTRIBUTION: WHITE/DIVISION CANARY/MONITORING WELL CONTRACTOR PINK/OWNER
MAIL WHITE COPY TO: DEPARTMENT OF NATURAL RESOURCES, P.O. BOX 250, ROLLA, MO 65401
ENCLOSE $35 PER MONITORING WELL FOR THE CERTIFICATION FEE WITHIN 60 DAYS AFTER WELL COMPLETION

RECYCLED PAPER

MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGY AND LAND SURVEY

MONITORING WELL CERTIFICATION RECORD

OFFICE USE ONLY	DATE RECEIVED
REF. NO. 122918	CHECK NO.
ROUTE	TRANSMITTAL NO.
STATE WELL NUMBER	CROSS REFERENCE NO.
CHECKED BY	ENTERED Ph 1 Ph 2 Ph 3
APPROVED BY	DATE APPROVED

INFORMATION SUPPLIED BY OWNER

SITE NAME	WELL NUMBER
Industrial Service Corporation	GW9B

SITE ADDRESS	CITY	STATE	ZIP CODE
1633 S. Marsh Ave.	Kansas City	MO	64126

NAME	TELEPHONE
Deffenbaugh Industries, Inc.	(913) 631-3300

ADDRESS	CITY	STATE	ZIP CODE
18181 W. 53rd Street	Shawnee	KS	66217

INFORMATION SUPPLIED BY MONITORING WELL CONTRACTOR

LOCATION OF WELL
SHOW LOCATION IN SECTION PLAT

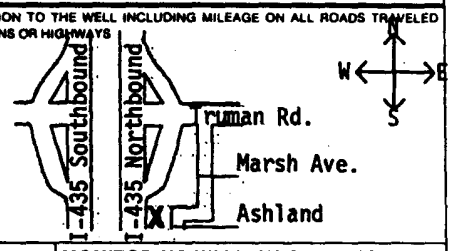
COUNTY Jackson
ELEVATION 767.89'
AREA NO.

SMALLEST ¼ ___ ¼ SW ¼ SW ¼ LARGEST ¼ SE ¼

SEC. 6 TWN. 49 N,RNG. 32 E OR (W)

LAT. 39 ° 5 ' 21 " LONG. 94 ° 29 ' 9 "

SKETCH THE LOCATION TO THE WELL INCLUDING MILEAGE ON ALL ROADS TRAVELED FROM NEAREST TOWNS OR HIGHWAYS



DESCRIBE LOCATION OF THE WELL SO WE WOULD BE ABLE TO VISIT IT
Interstate I-435 Northbound Highway Right-of-Way adjacent to the beginning of the Truman Road Exit Ramp.

MONITORING WELL INSTALLATION CONTRACTOR'S NAME

NOTE: Record the fraction of a foot in decimal, not in inches.

Top of Riser Elevation: 767.47'

LOCKING CAP - (Y) / N (Circle one)
CAP VENT - Y / (N) (Circle one)
PROTECTIVE CASING Type: Steel Flush Mount Size: 8" Bore Hole Diameter: 8"
WEEP HOLE - Y / N (Circle one)

Ground Surface Elevation: Ft

Information in this column to be supplied in the Feet from Surface column

Feet from Surface	Description of Formation
	Clay, Lt. Brown Fill
1.0'	
	3.0'
	Soil, Dk. Brown
	4.0' Clayey Clay, Dk. Brown
	50.0'
	Sand, Gray
	55.0'
66.75	Clay, Gray, Silty
69.25	
	71.0'
71.5'	Clay, Gray w/ Gravel
	76.0'
76.5'	Bedrock
NA	
77.0'	

Depth to bottom of Protective Casing Seal: 1.0'
Depth to Base of Annular Seal: 66.75
Depth to Base of Bentonite Seal: 69.25
Depth to Base of Secondary Filter Pack:
Depth to Top of the Screen: 71.5'
Depth to Bottom of the Screen: 76.5'
Plug Back Total Depth: NA
Original Total Depth: 77.0'

PROTECTIVE CASING SEAL Type: (X) Concrete ( ) Cement Slurry
RISER PIPE Length: 71.0' Diameter: 2.0" Type of Material: PVC
BOREHOLE DIAMETER: 8" in.
ANNULAR SEAL Type: (X) Bentonite Slurry ( ) Cement Slurry ( ) Non Slurry Bentonite
BENTONITE SEAL Type: ( ) Bentonite Slurry (X) Non Slurry Bentonite Length of Seal: 2.5' Ft.
SECONDARY FILTER PACK (Optional) Type: ( ) Sand ( ) Manufactured Grain Size: Length:
PRIMARY FILTER PACK Type: (X) Sand ( ) Manufactured Grain Size: 10-20 Length: 7.75'
WELL SCREEN Length: 5.0' Slot Size: 0.010 Type: PVC
SUMP DETAILS Length: .5 Ft. Diameter: 2" in. Type: PVC
TYPE OF BACKFILL: NA

DRILLING CONTRACTOR'S NAME
Total Environmental Services & Technologies

TYPE OF INSTALLATION
☐ ABOVE GROUND ☒ FLUSH MOUNT

STATIC WATER LEVEL
26.56' FEET FROM MEASURING POINT

DATE OF STATIC WATER LEVEL
12-2-97

ELEVATION OF MEASURING POINT
767.47'

MEASURING POINT IS
☒ TOP OF RISER PIPE
☐ OTHER

DRILLING EQUIPMENT
☐ AIR ROTARY ☒ AUGER TYPE Hollow Stem
☐ REVERSE ROTARY ☐ OTHER

CENTRALIZERS USED
☐ YES, AT
☐ STAINLESS STEEL
☐ OTHER
☒ NO

MULTIPLE CASED WELLS
SUBMIT ADDITIONAL AS BUILT DIAGRAM SHOWING WELL CONSTRUCTION DETAILS INCLUDING TYPE AND SIZE OF ALL CASING, HOLE DIAMETERS, AND GROUT USED.

DATE WELL CONSTRUCTION WAS COMPLETED
11-12-97

I HEREBY CERTIFY THAT THE MONITORING WELL HEREIN DESCRIBED WAS CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT OF NATURAL RESOURCES REQUIREMENTS FOR THE CONSTRUCTION OF MONITORING WELLS.

SIGNATURE (MONITORING WELL CONTRACTOR) Jorge M. Fuentes
PERMIT NUMBER 002793M DATE

SIGNATURE (DRILLING CONTRACTOR) Jorge M. Fuentes
PERMIT NUMBER 002793M DATE

MO 780-1415 (2-94)

DISTRIBUTION: WHITE/DIVISION CANARY/MONITORING WELL CONTRACTOR PINK/OWNER
MAIL WHITE COPY TO: DEPARTMENT OF NATURAL RESOURCES, P.O. BOX 250, ROLLA, MO 65401
ENCLOSE $35 PER MONITORING WELL FOR THE CERTIFICATION FEE WITHIN 60 DAYS AFTER WELL COMPLETION

RECYCLED PAPER

MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGY AND LAND SURVEY

MONITORING WELL CERTIFICATION RECORD

OFFICE USE ONLY	DATE RECEIVED
REF. NO. 122898	CHECK NO.
ROUTE	TRANSMITTAL NO.
STATE WELL NUMBER	CROSS REFERENCE NO.
CHECKED BY	ENTERED Ph 1 Ph 2 Ph 3
APPROVED BY	DATE APPROVED

INFORMATION SUPPLIED BY OWNER

SITE NAME	WELL NUMBER
Industrial Service Corporation	GW10A

SITE ADDRESS	CITY	STATE	ZIP CODE
1633 S. Marsh Avenue	Kansas City	MO	64126

NAME	TELEPHONE
Deffenbaugh Industries, Inc.	(913) 631-3300

ADDRESS	CITY	STATE	ZIP CODE
18181 W. 53rd Street	Shawnee	KS	66217

INFORMATION SUPPLIED BY MONITORING WELL CONTRACTOR

LOCATION OF WELL
SHOW LOCATION IN SECTION PLAT

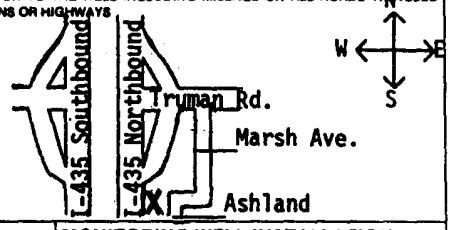
COUNTY Jackson
ELEVATION 766.69'
AREA NO.

SMALLEST ¼ ___ ¼ SW ¼ SW ¼ LARGEST ¼ SE ¼

SEC. 6 TWN. 49 N.RNG. 32 E OR (W)

LAT. 39 - 5 - 21 - LONG. 94 - 29 - 9 -

SKETCH THE LOCATION TO THE WELL INCLUDING MILEAGE ON ALL ROADS TRAVELED FROM NEAREST TOWNS OR HIGHWAYS



DESCRIBE LOCATION OF THE WELL SO WE WOULD BE ABLE TO VISIT IT
Interstate I-435 Northbound Highway Right-of-Way adjacent to the beginning of the Truman Road Exit Ramp.

MONITORING WELL INSTALLATION CONTRACTOR'S NAME

NOTE: Record the fraction of a foot in decimal, not in inches.

Top of Riser Elevation: 766.49'

LOCKING CAP - (Y) N (Circle one)
CAP VENT - Y (N) (Circle one)

PROTECTIVE CASING
Type: Steel Flush Mount
Size: 8"
Bore Hole Diameter: 8"
WEEP HOLE - Y (N) (Circle one)

Ground Surface Elevation: Ft	Feet from Surface	Description of Formation
Information in this column to be supplied in the Feet from Surface column		
Depth to bottom of Protective Casing Seal:	1.0'	
		Clay, Brown, Moderately Plastic, Moist @ 9.0' Wet @ 15.5'
Depth to Base of Annular Seal:		
Depth to Base of Bentonite Seal:	7.0'	
Depth to Base of Secondary Filter Pack:		
Depth to Top of the Screen:	9.0'	
Depth to Bottom of the Screen:	19.0	
Plug Back Total Depth:	19.1	
Original Total Depth:	20.0	

PROTECTIVE CASING SEAL
Type: (X) Concrete ( ) Cement Slurry

RISER PIPE
Length: 8.5'
Diameter: 2.0"
Type of Material: PVC

BOREHOLE DIAMETER: 8" in.

ANNULAR SEAL
Type: ( ) Bentonite Slurry ( ) Cement Slurry ( ) Non Slurry Bentonite

BENTONITE SEAL
Type: ( ) Bentonite Slurry (X) Non Slurry Bentonite
Length of Seal: 6.0' FT.

SECONDARY FILTER PACK (Optional)
Type: ( ) Sand ( ) Manufactured
Grain Size:
Length:

PRIMARY FILTER PACK
Type: (X) Sand ( ) Manufactured
Grain Size: 10-20
Length: 12.1'

WELL SCREEN
Length: 10.0'
Slot Size: 0.010
Type: PVC

SUMP DETAILS
Length: .5 FT.
Diameter: 2 in.
Type: PVC

TYPE OF BACKFILL: Clay Cave-In

DRILLING CONTRACTOR'S NAME
Total Environmental Services & Technologies

TYPE OF INSTALLATION
( ) ABOVE GROUND (X) FLUSH MOUNT

STATIC WATER LEVEL
13.13' FEET FROM MEASURING POINT

DATE OF STATIC WATER LEVEL
12/2/97

ELEVATION OF MEASURING POINT
766.49'

MEASURING POINT IS
(X) TOP OF RISER PIPE
( ) OTHER

DRILLING EQUIPMENT
( ) AIR ROTARY (X) AUGER TYPE Hollow Stem
( ) REVERSE ROTARY ( ) OTHER

CENTRALIZERS USED
( ) YES, AT
( ) STAINLESS STEEL
( ) OTHER
(X) NO

MULTIPLE CASED WELLS
SUBMIT ADDITIONAL AS BUILT DIAGRAM SHOWING WELL CONSTRUCTION DETAILS INCLUDING TYPE AND SIZE OF ALL CASING, HOLE DIAMETERS, AND GROUT USED.

DATE WELL CONSTRUCTION WAS COMPLETED
11/4/97

I HEREBY CERTIFY THAT THE MONITORING WELL HEREIN DESCRIBED WAS CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT OF NATURAL RESOURCES REQUIREMENTS FOR THE CONSTRUCTION OF MONITORING WELLS.

SIGNATURE (MONITORING WELL CONTRACTOR)

PERMIT NUMBER	DATE
002793M	

SIGNATURE (DRILLING CONTRACTOR)

PERMIT NUMBER	DATE
002793M	

MO 780-1415 (2-94)

DISTRIBUTION: WHITE/DIVISION CANARY/MONITORING WELL CONTRACTOR PINK/OWNER
MAIL WHITE COPY TO: DEPARTMENT OF NATURAL RESOURCES, P.O. BOX 250, ROLLA, MO 65401
ENCLOSE $35 PER MONITORING WELL FOR THE CERTIFICATION FEE WITHIN 60 DAYS AFTER WELL COMPLETION

RECYCLED PAPER

MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGY AND LAND SURVEY

MONITORING WELL CERTIFICATION RECORD

OFFICE USE ONLY	DATE RECEIVED
REF. NO. 122910	CHECK NO.
ROUTE	TRANSMITTAL NO.
STATE WELL NUMBER	CROSS REFERENCE NO.
CHECKED BY	ENTERED Ph 1 Ph 2 Ph 3
APPROVED BY	DATE APPROVED

INFORMATION SUPPLIED BY OWNER

SITE NAME: Industrial Service Corporation		WELL NUMBER: GW10B	
SITE ADDRESS: 1633 S. Marsh Avenue	CITY: Kansas City	STATE: MO	ZIP CODE: 64126
NAME: Deffenbaugh Industries, Inc.		TELEPHONE: (913) 631-3300	
ADDRESS: 18181 W. 53rd Street	CITY: Shawnee	STATE: KS	ZIP CODE: 66217

INFORMATION SUPPLIED BY MONITORING WELL CONTRACTOR

LOCATION OF WELL SHOW LOCATION IN SECTION PLAT

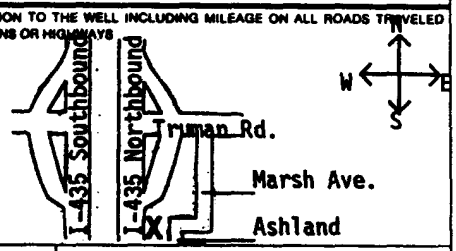
COUNTY: Jackson
ELEVATION: 767.03'
AREA NO.

SMALLEST ¼: ___ ¼ SW ¼ SW ¼ LARGEST ¼: SE ¼

SEC. 6 TWN. 49 N,RNG. 32 E OR (W)

LAT. 39 . 5 . 21 . LONG. 94 . 29 . 9 .

SKETCH THE LOCATION TO THE WELL INCLUDING MILEAGE ON ALL ROADS TRAVELED FROM NEAREST TOWNS OR HIGHWAYS



DESCRIBE LOCATION OF THE WELL SO WE WOULD BE ABLE TO VISIT IT

Interstate I-435 Northbound Highway Right-of-Way adjacent to the beginning of the Truman Road Exit Ramp.

MONITORING WELL INSTALLATION CONTRACTOR'S NAME

NOTE: Record the fraction of a foot in decimal, not in inches.

Top of Riser Elevation: 766.54'

LOCKING CAP - (Y) / N (Circle one)
CAP VENT - Y / (N) (Circle one)

PROTECTIVE CASING
Type: Steel Flush Mount
Size: 8"
Bore Hole Diameter: 8"
WEEP HOLE - Y / (N) (Circle one)

Ground Surface Elevation: Ft.

	Feet from Surface	Description of Formation
Information in this column to be supplied in the Feet from Surface column		
Depth to bottom of Protective Casing Seat:	1.0'	Soil Brown 1.0' Clay
		Clay, Brown 20.0'
		Clay, Gray 39.0'
		Sand, Gray, 44.0' Silty
Depth to Base of Annular Seal:	64.9'	Clay, Gray, Silty
Depth to Base of Bentonite Seal:	68.0	
Depth to Base of Secondary Filter Pack:		
Depth to Top of the Screen:	70.5'	
		75.0'
Depth to Bottom of the Screen:	75.5'	Bedrock
Plug Back Total Depth:	75.8'	
Original Total Depth:	76.0'	

PROTECTIVE CASING SEAL
Type: (X) Concrete ( ) Cement Slurry

RISER PIPE
Length: 70.0'
Diameter: 2.0"
Type of Material: PVC

BOREHOLE DIAMETER: 8" In.

ANNULAR SEAL
Type: (X) Bentonite Slurry ( ) Cement Slurry ( ) Non Slurry Bentonite

BENTONITE SEAL
Type: ( ) Bentonite Slurry (X) Non Slurry Bentonite
Length of Seal: 3.1' Ft.

SECONDARY FILTER PACK (Optional)
Type: ( ) Sand ( ) Manufactured
Grain Size:
Length:

PRIMARY FILTER PACK
Type: (X) Sand ( ) Manufactured
Grain Size: 10-20
Length: 7.8'

WELL SCREEN
Length: 5.0'
Slot Size: 0.010
Type: PVC

SUMP DETAILS
Length: .5 Ft.
Diameter: 2 In.
Type: PVC

TYPE OF BACKFILL: Clay Cave-In

DRILLING CONTRACTOR'S NAME: Total Environmental Services & Technologies

TYPE OF INSTALLATION: ( ) ABOVE GROUND (X) FLUSH MOUNT

STATIC WATER LEVEL: 25.72' FEET FROM MEASURING POINT

DATE OF STATIC WATER LEVEL: 12/2/97

ELEVATION OF MEASURING POINT: 766.54'

MEASURING POINT IS: (X) TOP OF RISER PIPE ( ) OTHER

DRILLING EQUIPMENT: ( ) AIR ROTARY (X) AUGER TYPE Hollow Stem ( ) REVERSE ROTARY ( ) OTHER

CENTRALIZERS USED: ( ) YES, AT ( ) STAINLESS STEEL ( ) OTHER (X) NO

MULTIPLE CASED WELLS: SUBMIT ADDITIONAL AS BUILT DIAGRAM SHOWING WELL CONSTRUCTION DETAILS INCLUDING TYPE AND SIZE OF ALL CASING, HOLE DIAMETERS, AND GROUT USED.

DATE WELL CONSTRUCTION WAS COMPLETED: 11/7/97

I HEREBY CERTIFY THAT THE MONITORING WELL HEREIN DESCRIBED WAS CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT OF NATURAL RESOURCES REQUIREMENTS FOR THE CONSTRUCTION OF MONITORING WELLS.

SIGNATURE (MONITORING WELL CONTRACTOR)

PERMIT NUMBER 000047 002793M DATE

SIGNATURE (DRILLING CONTRACTOR)

PERMIT NUMBER 000047 002793M DATE

MO 780-1415 (2-94)

DISTRIBUTION: WHITE/DIVISION CANARY/MONITORING WELL CONTRACTOR PINK/OWNER
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ENCLOSE $35 PER MONITORING WELL FOR THE CERTIFICATION FEE WITHIN 60 DAYS AFTER WELL COMPLETION

RECYCLED PAPER

APPENDIX II

TEST

Total Environmental Services & Technologies
18181 West 53rd Street • Shawnee, Kansas 66217
(943) 631-3300

GROUND-WATER SAMPLING FORM

Job Name _____
Job Number _____
Recorded by MICK COSSART (Signature)

Well No. GW 9A
Well Type: ☒ Monitor ☐ Extraction ☐ Other _____
Well Material: ☒ PVC ☐ St. Steel ☐ Other _____
Date 12/2/97 Time _____
Sampled by NA (Initials)

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches):
☒ 2-inch ☐ 4-inch ☐ 6-inch ☐ Other _____
Total Depth of Casing (TD in feet BTOC): 23.84
Water Level Depth (WL in feet BTOC): 13.77
Number of Well Volumes to be purged (# Vols)
☐ 3 ☐ 4 ☒ 5 ☐ 10 ☐ Other _____

PURGE METHOD

☒ Bailer - Type: 1½ x 3' PVC
☐ Submersible ☐ Centrifugal ☐ Bladder, Pump No.: _____
☐ Other - Type: _____

PUMP INTAKE SETTING

☐ Near Bottom ☐ Near Top ☐ Other _____
Depth in feet (BTOC): _____ Screen interval in feet (BTOC): from _____ to _____

PURGE VOLUME CALCULATION

(23.84 − 13.77) x 2^2 x 5 x 0.0408 = 8.21 gallons

TD (feet) − WL (feet) x D (inches) x # Vols x 0.0408 = Calculated Purge Volume

PURGE TIME

1:05 Start 1:40 Stop 35 min Elapsed

PURGE RATE

Initial _____ gpm Final .31 gpm

ACTUAL PURGE VOLUME

11 gallons

FIELD PARAMETER MEASUREMENT

Minutes Since Pumping Began	pH	Cond. (umhos/cm)	T ☒ °C ☐ °F	Other SWL/TD
0	6.56	792	14.6	
10	6.33	846	13.2	
22	6.21	860	13.5	
35	6.25	867	13.5	13.7/23.8

Minutes Since Pumping Began	pH	Cond. (umhos/cm)	T ☐ °C ☐ °F	Other _____
Meter Nos.				

Observations During Purging (Well Condition, Turbidity, Color, Odor): Brown, Turbid - clearing with Development

Discharge Water Disposal: ☐ Sanitary Sewer ☐ Storm Sewer ☒ Other STORED For Later Disposal

WELL SAMPLING

SAMPLING METHOD

☐ Same As Above
☐ Bailer - Type: _____
☐ Grab - Type: _____
☐ Submersible ☐ Centrifugal ☐ Bladder, Pump No.: _____
☐ Other - Type: _____

SAMPLE DISTRIBUTION

Sample Series: _____

Sample No.	Volume/Cont.	Analysis Requested	Preservatives	Lab	Comments

QUALITY CONTROL SAMPLE

Duplicate Samples

Original Sample No.	Duplicate Sample No.

Blank Samples

Type	Sample No.

Other Samples

Type	Sample No.

TEST

Total Environmental Services & Technologies
18181 West 53rd Street • Shawnee, Kansas 66217
(943) 631-3300

GROUND-WATER SAMPLING FORM

Job Name _____
Job Number _____
Recorded by MICK COSSAINT (Signature)

Well No. GW 9B
Well Type: ☒ Monitor ☐ Extraction ☐ Other _____
Well Material: ☒ PVC ☐ St. Steel ☐ Other _____
Date 12/2/97 Time _____
Sampled by NA (Initials)

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches):
☒ 2-inch ☐ 4-inch ☐ 6-inch ☐ Other _____
Total Depth of Casing (TD in feet BTOC): 76.57'
Water Level Depth (WL in feet BTOC): 26.56'
Number of Well Volumes to be purged (# Vols)
☐ 3 ☐ 4 ☒ 5 ☐ 10 ☐ Other _____

PURGE METHOD

☐ Bailer - Type: _____
☐ Submersible ☐ Centrifugal ☐ Bladder, Pump No.: _____
☐ Other - Type: _____

PUMP INTAKE SETTING

☐ Near Bottom ☐ Near Top ☐ Other _____
Depth in feet (BTOC): _____ Screen interval in feet (BTOC): from _____ to _____

PURGE VOLUME CALCULATION

(76.57 − 26.56) × 2² × 5 × 0.0408 = 40.81 gallons
TD (feet) − WL (feet) × D (inches) × # Vols × 0.0408 = Calculated Purge Volume

PURGE TIME

2:20 Start 4:05 Stop 1:45 Elapsed

PURGE RATE

Initial ____ gpm Final .29 gpm

ACTUAL PURGE VOLUME

30 gallons

FIELD PARAMETER MEASUREMENT

Minutes Since Pumping Began	pH	Cond. (umhos/cm)	T ☒ °C ☐ °F	Other SWL/TD
0	6.7	899	12.0	
40	6.75	1014	12.4	
75	6.76	1025	12.1	
105	6.82	1029	11.6	27.8/77.25

Minutes Since Pumping Began	pH	Cond. (umhos/cm)	T ☐ °C ☐ °F	Other _____
Meter Nos.				

Observations During Purging (Well Condition, Turbidity, Color, Odor): Grey, Turbid - Clearing with Development
Discharge Water Disposal: ☐ Sanitary Sewer ☐ Storm Sewer ☒ Other STORED For LATER Disposal

WELL SAMPLING

SAMPLING METHOD

☐ Same As Above
☐ Baller - Type: _____
☐ Grab - Type: _____
☐ Submersible ☐ Centrifugal ☐ Bladder, Pump No.: _____
☐ Other - Type: _____

SAMPLE DISTRIBUTION

Sample Series: _____

Sample No.	Volume/Cont.	Analysis Requested	Preservatives	Lab	Comments

QUALITY CONTROL SAMPLE

Duplicate Samples

Original Sample No.	Duplicate Sample No.

Blank Samples

Type	Sample No.

Other Samples

Type	Sample No.

TEST
Total Environmental Services & Technologies
18181 West 53rd Street • Shawnee, Kansas 66217
(943) 631-3300

GROUND-WATER SAMPLING FORM

Job Name _____
Job Number _____
Recorded by MICK COSSAIRT (Signature)

Well No. GW 10A
Well Type: ☒ Monitor ☐ Extraction ☐ Other _____
Well Material: ☒ PVC ☐ St. Steel ☐ Other _____
Date 12/2/97 Time _____
Sampled by NA (Initials)

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches):
☒ 2-inch ☐ 4-inch ☐ 6-inch ☐ Other _____
Total Depth of Casing (TD in feet BTOC): 19.1'
Water Level Depth (WL in feet BTOC): 13.13'
Number of Well Volumes to be purged (# Vols)
☐ 3 ☐ 4 ☒ 5 ☐ 10 ☐ Other _____

PURGE METHOD

☒ Bailer - Type: 1½" X 3' PVC
☐ Submersible ☐ Centrifugal ☐ Bladder, Pump No.: _____
☐ Other - Type: _____

PUMP INTAKE SETTING

☐ Near Bottom ☐ Near Top ☐ Other _____
Depth in feet (BTOC): _____ Screen interval in feet (BTOC): from _____ to _____

PURGE VOLUME CALCULATION

(19.1 − 13.13) x 2² x 5 x 0.0408 = 4.87 gallons

TD (feet) − WL (feet) x D (inches) x # Vols x 0.0408 = Calculated Purge Volume

PURGE TIME

1:03 Start 1:27 Stop 24 min Elapsed

PURGE RATE

Initial ____ gpm Final .33 gpm

ACTUAL PURGE VOLUME

8 gallons

FIELD PARAMETER MEASUREMENT

Minutes Since Pumping Began	pH	Cond. (umhos/cm)	T ☒ °C ☐ °F	Other SWL
0	6.89	866	15.0	
4	6.2	936	13.1	
12	6.11	924	13.1	
24	6.14	924	13.3	13.0

Minutes Since Pumping Began	pH	Cond. (umhos/cm)	T ☐ °C ☐ °F	Other _____
Meter Nos.				

Observations During Purging (Well Condition, Turbidity, Color, Odor): Brown, Turbid - Clearing with Development
Discharge Water Disposal: ☐ Sanitary Sewer ☐ Storm Sewer ☒ Other STORED For Later Disposal

WELL SAMPLING

SAMPLING METHOD

☐ Baller - Type: _____
☐ Submersible ☐ Centrifugal ☐ Bladder, Pump No.: _____
☐ Same As Above
☐ Grab - Type: _____
☐ Other - Type: _____

SAMPLE DISTRIBUTION

Sample Series: _____

Sample No.	Volume/Cont.	Analysis Requested	Preservatives	Lab	Comments

QUALITY CONTROL SAMPLE

Duplicate Samples

Original Sample No.	Duplicate Sample No.

Blank Samples

Type	Sample No.

Other Samples

Type	Sample No.

TEST

Total Environmental Services & Technologies
18181 West 53rd Street • Shawnee, Kansas 66217
(943) 631-3300

GROUND-WATER SAMPLING FORM

Job Name _____
Job Number _____
Recorded by MICK COSSAIRT (Signature)

Well No. GW 10 B
Well Type: ☒ Monitor ☐ Extraction ☐ Other _____
Well Material: ☒ PVC ☐ St. Steel ☐ Other _____
Date 12/2/97 Time _____
Sampled by NA (Initials)

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches):
☒ 2-inch ☐ 4-inch ☐ 6-inch ☐ Other _____
Total Depth of Casing (TD in feet BTOC): 75.6'
Water Level Depth (WL in feet BTOC): 25.72'
Number of Well Volumes to be purged (# Vols)
☐ 3 ☐ 4 ☒ 5 ☐ 10 ☐ Other _____

PURGE METHOD

☒ Bailer - Type: 1½" X 3' PVC
☐ Submersible ☐ Centrifugal ☐ Bladder, Pump No.: _____
☐ Other - Type: _____

PUMP INTAKE SETTING

☐ Near Bottom ☐ Near Top ☐ Other _____
Depth in feet (BTOC): _____ Screen interval in feet (BTOC): from _____ to _____

PURGE VOLUME CALCULATION

(75.6 − 25.72) x 2² x 5 x 0.0408 = 40.70 gallons
TD (feet) − WL (feet) x D (inches) x # Vols x 0.0408 = Calculated Purge Volume

PURGE TIME

2:07 Start 4:12 Stop 2:05 Elapsed

PURGE RATE

Initial ____ gpm Final .28 gpm

ACTUAL PURGE VOLUME

35 gallons

FIELD PARAMETER MEASUREMENT

Minutes Since Pumping Began	pH	Cond. (umhos/cm)	T ☒ °C ☐ °F	Other SWL/TD
0	6.85	972	12.3	
43	6.67	998	12.3	
83	6.82	1013	12.5	
125	6.85	956	12.3	27.1/75.1

Minutes Since Pumping Began	pH	Cond. (umhos/cm)	T ☐ °C ☐ °F	Other _____
Meter Nos.				

Observations During Purging (Well Condition, Turbidity, Color, Odor): Grey, Turbid - clearing with Development
Discharge Water Disposal: ☐ Sanitary Sewer ☐ Storm Sewer ☒ Other STORED FOR LATER DISPOSAL

WELL SAMPLING

SAMPLING METHOD

☐ Baller - Type: _____
☐ Submersible ☐ Centrifugal ☐ Bladder, Pump No.: _____
☐ Same As Above
☐ Grab - Type: _____
☐ Other - Type: _____

SAMPLE DISTRIBUTION

Sample Series: _____

Sample No.	Volume/Cont.	Analysis Requested	Preservatives	Lab	Comments

QUALITY CONTROL SAMPLE

Duplicate Samples

Original Sample No.	Duplicate Sample No.

Blank Samples

Type	Sample No.

Other Samples

Type	Sample No.

APPENDIX III

FAX Transmittal
Woodward-Clyde Consultants

Overland Park Office, Kansas City
10975 El Monte, Suite 100
Overland Park, KS 66211
(913) 344-1000
FAX: (913) 344-1011

Date: 12-12-97 From: G. BANTA

Project/Proposal Number: 7E11647 Project Title: RFI

Subject:

To:	Company Name:	Fax Number:
Nick Cossant		631-6697

Urgency of Delivery:

- ____ RUSH!!!
- ____ Priority
- ____ Normal

Original will be sent by:

- ____ Fax Only
- ____ Mail
- ____ Federal Express/Messenger

You should receive ____ page(s), including this cover sheet. If you do not receive all pages, please call (913) 344-1000.

Remarks/Special Instructions: Nick - Thanks for coming by to see the samples. Here is an updated summary. Will send a letter and hard copy.

Gary

SUMMARY OF LABORATORY TEST DATA

DEFFENBAUGH INDUSTIRES, INC.
RFI

			Classification Properties					Compaction		Permeability	Strength Properties	
											Unconfined	
Boring/Test Pit No.	Sample Depth, ft.	Unified Soil Class.	As Received Water Cont., %	Dry Unit Wt., pcf	Liquid Limit	Plastic Limit	% Pass. No. 200 or Fig No.	Max. Dry Unit Wt., pcf	Optimum Water Cont., %	cm/sec @ 20° C	Comp. Strength, ksf (Qu)	Strain @ Failure, %
GW10B	10.5-11.0	CL	27	94	46	16				1.7E-04		
(retest)	11.0-11.5	CL	28	97						6.2E-05		
GW10B	20.5-21.0	CL	28	97	43	17				1.4E-05		
(retest)	20.5-21.0	CL	29	96						5.2E-05		
GW10B	41.0-41.5	CL	38	83	37	15				1.9E-06		
GW10B	50.5-51.0	CH	41	82	71	20				1.1E-07		

APPENDIX IV

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71104009-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71104009
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Water: RINSEATE

DATE RECEIVED: 11-4-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2,000	ND
2-Ethoxyethanol	500,000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2.000	ND
Methylene chloride	4.0	ND
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	1.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71104010-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71104010
DATE SAMPLED: 11-4-97
SAMPLE IDENTIFICATION: Water: RINSEATE

DATE RECEIVED: 11-4-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	: ND
Benzene	4.0	: ND
2-Butanone	40.0	: ND
Carbon disulfide	5.0	: ND
Chlorobenzene	5.0	: ND
Chloroethane	5.0	: ND
Chloromethane	4.0	: ND
1,1-Dichloroethane	5.0	: ND
1,2-Dichloroethane	4.0	: ND
cis-1,2-Dichloroethene	5.0	: ND
trans-1,2-Dichloroethene	5.0	: ND
1,4-Dioxane	2,000	: ND
2-Ethoxyethanol	500,000	: ND
Ethylbenzene	5.0	: ND
Hexachlorobutadiene	10.0	: ND
2-Hexanone	40.0	: ND
Isobutanol	2,000	: ND
Methylene chloride	4.0	: ND
4-Methyl-2-pentanone	20.0	: ND
2-Nitropropane	2,000	: ND
1,1,1,2-Tetrachloroethane	5.0	: ND
1,1,2,2-Tetrachloroethane	1.0	: ND
Tetrachloroethene	4.0	: ND
Styrene	5.0	: ND
Toluene	5.0	: ND
1,1,1-Trichloroethane	5.0	: ND
Trichloroethene	4.0	: ND
Vinyl chloride	1.0	: ND
o-Xylene	5.0	: ND
Xylenes (Total)	5.0	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71104011-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71104011
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Water: TRIP BLANK

DATE RECEIVED: 11-4-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	: ND
Benzene	4.0	: ND
2-Butanone	40.0	: ND
Carbon disulfide	5.0	: ND
Chlorobenzene	5.0	: ND
Chloroethane	5.0	: ND
Chloromethane	4.0	: ND
1,1-Dichloroethane	5.0	: ND
1,2-Dichloroethane	4.0	: ND
cis-1,2-Dichloroethene	5.0	: ND
trans-1,2-Dichloroethene	5.0	: ND
1,4-Dioxane	2,000	: ND
2-Ethoxyethanol	500.000	: ND
Ethylbenzene	5.0	: ND
Hexachlorobutadiene	10.0	: ND
2-Hexanone	40.0	: ND
Isobutanol	2.000	: ND
Methylene chloride	4.0	: ND
4-Methyl-2-pentanone	20.0	: ND
2-Nitropropane	2,000	: ND
1,1,1,2-Tetrachloroethane	5.0	: ND
1,1,2,2-Tetrachloroethane	1.0	: ND
Tetrachloroethene	4.0	: ND
Styrene	5.0	: ND
Toluene	5.0	: ND
1,1,1-Trichloroethane	5.0	: ND
Trichloroethene	4.0	: ND
Vinyl chloride	1.0	: ND
o-Xylene	5.0	: ND
Xylenes (Total)	5.0	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71106002-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71106002
DATE SAMPLED: 11-5-97
SAMPLE IDENTIFICATION: Soil: 97B11-6"

DATE RECEIVED: 11-6-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71106003-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71106003
DATE SAMPLED: 11-5-97
SAMPLE IDENTIFICATION: Soil: 97B11-10'

DATE RECEIVED: 11-6-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: ND
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6,250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: ND
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: ND
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71106004-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71106004
DATE SAMPLED: 11-6-97
SAMPLE IDENTIFICATION: Soil: 97B11-15'

DATE RECEIVED: 11-6-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1.1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

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SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71106005-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71106005
DATE SAMPLED: 11-6-97
SAMPLE IDENTIFICATION: Soil: 97B11-20'

DATE RECEIVED: 11-6-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: ND
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6,250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: ND
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: ND
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71106006-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71106006
DATE SAMPLED: 11-6-97
SAMPLE IDENTIFICATION: Soil: 97B11-25'

DATE RECEIVED: 11-6-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71106007-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71106007
DATE SAMPLED: 11-6-97
SAMPLE IDENTIFICATION: Soil: 97B11-30'

DATE RECEIVED: 11-6-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71106008-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71106008
DATE SAMPLED: 11-6-97
SAMPLE IDENTIFICATION: Water: RINSEATE

DATE RECEIVED: 11-6-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2,000	ND
2-Ethoxyethanol	500,000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2,000	ND
Methylene chloride	4.0	ND
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	1.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71106009-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71106009
DATE SAMPLED: 11-6-97
SAMPLE IDENTIFICATION: Water: FIELD BLANK

DATE RECEIVED: 11-6-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2,000	ND
2-Ethoxyethanol	500,000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2,000	ND
Methylene chloride	4.0	ND
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	1.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112003-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71112003
DATE SAMPLED: 11-10-97
SAMPLE IDENTIFICATION: Soil: 97B12-6"

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112004-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71112004
DATE SAMPLED: 11-10-97
SAMPLE IDENTIFICATION: Soil: 97B12-10'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112005-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71112005
DATE SAMPLED: 11-10-97
SAMPLE IDENTIFICATION: Soil: 97B12-15'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112006-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71112006
DATE SAMPLED: 11-10-97
SAMPLE IDENTIFICATION: Soil: 97B12-20'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

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SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112007-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71112007
DATE SAMPLED: 11-10-97
SAMPLE IDENTIFICATION: Soil: 97B12-DUPLICATE

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112008-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71112008
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil: 97B13-6"

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: ND
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6,250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: ND
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: 68.5
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112009-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71112009
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil: 97B13-10'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

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SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112010-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71112010
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil: 97B13-15'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: ND
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6,250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: ND
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: ND
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112011-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71112011
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil: 97B13-20'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112012-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71112012
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil: 97B13-25'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112013-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71112013
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil: 97B13-30'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112014-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71112014
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil: 97B13-DUPLICATE

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	96.0
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112015-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71112015
DATE SAMPLED: 11-10-97
SAMPLE IDENTIFICATION: Water: FIELD BLANK

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2,000	ND
2-Ethoxyethanol	500,000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2,000	ND
Methylene chloride	4.0	ND
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	1.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112016-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71112016
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Water: FIELD BLANK

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2,000	ND
2-Ethoxyethanol	500,000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2,000	ND
Methylene chloride	4.0	ND
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	1.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112017-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71112017
DATE SAMPLED: 11-12-97
SAMPLE IDENTIFICATION: Water: FIELD BLANK

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2,000	ND
2-Ethoxyethanol	500,000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2,000	ND
Methylene chloride	4.0	ND
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	1.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112018-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71112018
DATE SAMPLED: 11-10-97
SAMPLE IDENTIFICATION: Water: TRIP BLANK

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2,000	ND
2-Ethoxyethanol	500,000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2,000	ND
Methylene chloride	4.0	ND
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	1.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112019-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71112019
DATE SAMPLED: 11-10-97
SAMPLE IDENTIFICATION: Water: RINSEATE

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2,000	ND
2-Ethoxyethanol	500,000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2,000	ND
Methylene chloride	4.0	ND
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	1.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112020-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71112020
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Water: RINSEATE

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	: ND
Benzene	4.0	: ND
2-Butanone	40.0	: ND
Carbon disulfide	5.0	: ND
Chlorobenzene	5.0	: ND
Chloroethane	5.0	: ND
Chloromethane	4.0	: ND
1,1-Dichloroethane	5.0	: ND
1,2-Dichloroethane	4.0	: ND
cis-1,2-Dichloroethene	5.0	: ND
trans-1,2-Dichloroethene	5.0	: ND
1,4-Dioxane	2,000	: ND
2-Ethoxyethanol	500,000	: ND
Ethylbenzene	5.0	: ND
Hexachlorobutadiene	10.0	: ND
2-Hexanone	40.0	: ND
Isobutanol	2,000	: ND
Methylene chloride	4.0	: ND
4-Methyl-2-pentanone	20.0	: ND
2-Nitropropane	2,000	: ND
1,1,1,2-Tetrachloroethane	5.0	: ND
1,1,2,2-Tetrachloroethane	1.0	: ND
Tetrachloroethene	4.0	: ND
Styrene	5.0	: ND
Toluene	5.0	: ND
1,1,1-Trichloroethane	5.0	: ND
Trichloroethene	4.0	: ND
Vinyl chloride	1.0	: ND
o-Xylene	5.0	: ND
Xylenes (Total)	5.0	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71124001-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71124001
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil: 97B14-6"

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	60.5
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71124002-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71124002
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil: 97B14-5'

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	76.3
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71124003-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71124003
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil: 97B14-10'

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	83.5
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71124004-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71124004
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil: 97B14-11'

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	74.1
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71124005-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71124005
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil: 97B14-15'

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	109
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71124006-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71124006
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil: 97B14-20'

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	792
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	113
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71124007-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71124007
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil: 97B14-24'

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	77.4
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71124008-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71124008
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Water: RINSEATE

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2,000	ND
2-Ethoxyethanol	500,000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2,000	ND
Methylene chloride	4.0	ND
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	1.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71124009-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71124009
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Water: FIELD BLANK

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2,000	ND
2-Ethoxyethanol	500,000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2,000	ND
Methylene chloride	4.0	ND
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	1.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71125003-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71125003
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil: 97B15-6"

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	73.4
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71125004-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71125004
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil: 97B15-5'

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	95.5
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71125005-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71125005
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil: 97B15-10'

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	111
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71125006-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71125006
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil: 97B15-15'

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71125007-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71125007
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil: 97B15-20'

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: ND
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6,250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: ND
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: ND
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71125008-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71125008
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil: 97B15-22'

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71125009-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71125009
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil: 97B15-DUPLICATE

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	87.5
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71125010-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71125010
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Water: RINSEATE

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2,000	ND
2-Ethoxyethanol	500,000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2,000	ND
Methylene chloride	4.0	5.11
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	1.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71125011-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71125011
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Water: FIELD BLANK

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2,000	ND
2-Ethoxyethanol	500,000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2,000	ND
Methylene chloride	4.0	ND
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	1.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71126001-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71126001
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil: 97B16-6"

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: 733
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6,250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: 74.4
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: ND
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71126002-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71126002
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil: 97B16-5'

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	1,070
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	78.1
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71126003-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71126003
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil: 97B16-10'

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	63.6
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71126004-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71126004
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil: 97B16-15'

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: ND
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6,250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: ND
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: ND
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71126005-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71126005
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil: 97B16-20'

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: 822
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6,250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: ND
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: ND
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71126006-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71126006
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil: 97B16-22'

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	876
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71126007-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71126007
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Water: RINSEATE

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2,000	ND
2-Ethoxyethanol	500,000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2,000	ND
Methylene chloride	4.0	ND
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	1.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71126008-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71126008
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Water: FIELD BLANK

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	: ND
Benzene	4.0	: ND
2-Butanone	40.0	: ND
Carbon disulfide	5.0	: ND
Chlorobenzene	5.0	: ND
Chloroethane	5.0	: ND
Chloromethane	4.0	: ND
1,1-Dichloroethane	5.0	: ND
1,2-Dichloroethane	4.0	: ND
cis-1,2-Dichloroethene	5.0	: ND
trans-1,2-Dichloroethene	5.0	: ND
1,4-Dioxane	2,000	: ND
2-Ethoxyethanol	500,000	: ND
Ethylbenzene	5.0	: ND
Hexachlorobutadiene	10.0	: ND
2-Hexanone	40.0	: ND
Isobutanol	2,000	: ND
Methylene chloride	4.0	: ND
4-Methyl-2-pentanone	20.0	: ND
2-Nitropropane	2,000	: ND
1,1,1,2-Tetrachloroethane	5.0	: ND
1,1,2,2-Tetrachloroethane	1.0	: ND
Tetrachloroethene	4.0	: ND
Styrene	5.0	: ND
Toluene	5.0	: ND
1,1,1-Trichloroethane	5.0	: ND
Trichloroethene	4.0	: ND
Vinyl chloride	1.0	: ND
o-Xylene	5.0	: ND
Xylenes (Total)	5.0	: ND

ND = NOT DETECTED

Rodney L. Mann

TABLE 2-1
VOLATILE ORGANIC COMPOUNDS

Concentrations reported in mg/Kg		CONCENTRATION LEVELS OF CONCERN(INDUSTRTRIAL / RESIDENTIAL)				
				760 / 85	29 / 3.2	410000 / 16000
BORING	DEPTH	Acetone	Chloromethane	Methylene Chloride	1,1,2,2-Tetrachloroethane	Toluene
97B1						
	-4"				15.30	
97B6						
	10'		66.90			
97B8						
	25'			78.40		
	29'				17.90	
97B13						
	6"					68.50
	DUP					96.00
97B14						
	6"			60.50		
	5'			76.30		
	10'			83.50		
	11'			74.10		
	15'			109.00		
	20'			113.00		
	24'			77.40		
97B15						
	6"			73.40		
	5'			95.50		
	10'			111.00		
	DUP			87.50		
97B16						
	6"			74.40		
	5'	1070.00		78.10		
	10'			63.60		
	22'	876.00				

SHADING DENOTES CONCENTRATIONS IN EXCESS OF RESIDENTIAL SCREENING LEVELS

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013001-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71013001
DATE SAMPLED: 10-13-98
SAMPLE IDENTIFICATION: Soil: 97B1-4"

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6.250	ND
Ethylbenzene	0.0625	ND
hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane*	0.0125	15.3
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013002-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71013002
DATE SAMPLED: 10-13-98
SAMPLE IDENTIFICATION: Soil: 97B2-4"

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: ND
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6,250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: ND
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: ND
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013003-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71013003
DATE SAMPLED: 10-13-98
SAMPLE IDENTIFICATION: Soil: 97B2-2.5'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: ND
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6.250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: ND
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: ND
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013004-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71013004
DATE SAMPLED: 10-13-98
SAMPLE IDENTIFICATION: Soil: 97B2-7.5'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: ND
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6,250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: ND
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: ND
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013005-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71013005
DATE SAMPLED: 10-13-98
SAMPLE IDENTIFICATION: Soil: 97B2-10.0'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013006-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71013006
DATE SAMPLED: 10-13-98
SAMPLE IDENTIFICATION: Soil: 97B2-12.5'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: ND
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6,250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: ND
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: ND
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013007-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71013007
DATE SAMPLED: 10-13-98
SAMPLE IDENTIFICATION: Soil: 97B2-15.0'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6.250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013008-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71013008
DATE SAMPLED: 10-13-97
SAMPLE IDENTIFICATION: Water: TRIP BLANK

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	: ND
Benzene	4.0	: ND
2-Butanone	40.0	: ND
Carbon disulfide	5.0	: ND
Chlorobenzene	5.0	: ND
Chloroethane	5.0	: ND
Chloromethane	4.0	: ND
1,1-Dichloroethane	5.0	: ND
1,2-Dichloroethane	4.0	: ND
cis-1,2-Dichloroethene	5.0	: ND
trans-1,2-Dichloroethene	5.0	: ND
1,4-Dioxane	2,000	: ND
2-Ethoxyethanol	500,000	: ND
Ethylbenzene	5.0	: ND
Hexachlorobutadiene	10.0	: ND
2-Hexanone	40.0	: ND
Isobutanol	2,000	: ND
Methylene chloride	4.0	: ND
4-Methyl-2-pentanone	20.0	: ND
2-Nitropropane	2,000	: ND
1,1,1,2-Tetrachloroethane	5.0	: ND
1,1,2,2-Tetrachloroethane	1.0	: ND
Tetrachloroethene	4.0	: ND
Styrene	5.0	: ND
Toluene	5.0	: ND
1,1,1-Trichloroethane	5.0	: ND
Trichloroethene	4.0	: ND
Vinyl chloride	1.0	: ND
o-Xylene	5.0	: ND
Xylenes (Total)	5.0	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013009-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71013009
DATE SAMPLED: 10-13-97
SAMPLE IDENTIFICATION: Water: FIELD BLANK

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2,000	ND
2-Ethoxyethanol	500,000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2,000	ND
Methylene chloride	4.0	ND
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	4.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013010-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71013010
DATE SAMPLED: 10-13-97
SAMPLE IDENTIFICATION: Water: RINSATE

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	: ND
Benzene	4.0	: ND
2-Butanone	40.0	: ND
Carbon disulfide	5.0	: ND
Chlorobenzene	5.0	: ND
Chloroethane	5.0	: ND
Chloromethane	4.0	: ND
1,1-Dichloroethane	5.0	: ND
1,2-Dichloroethane	4.0	: ND
cis-1,2-Dichloroethene	5.0	: ND
trans-1,2-Dichloroethene	5.0	: ND
1,4-Dioxane	2,000	: ND
2-Ethoxyethanol	500,000	: ND
Ethylbenzene	5.0	: ND
Hexachlorobutadiene	10.0	: ND
2-Hexanone	40.0	: ND
Isobutanol	2,000	: ND
Methylene chloride	4.0	: ND
4-Methyl-2-pentanone	20.0	: ND
2-Nitropropane	2,000	: ND
1,1,1,2-Tetrachloroethane	5.0	: ND
1,1,2,2-Tetrachloroethane	1.0	: ND
Tetrachloroethene	4.0	: ND
Styrene	5.0	: ND
Toluene	5.0	: ND
1,1,1-Trichloroethane	5.0	: ND
Trichloroethene	4.0	: ND
Vinyl chloride	1.0	: ND
o-Xylene	5.0	: ND
Xylenes (Total)	5.0	: ND

ND = NOT DETECTED

Rodney L. Mann

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014001-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71014001
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil: 97B3-3"

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: ND
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6,250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: ND
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: ND
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014002-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71014002
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil: 97B3-2.5'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6.250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014003-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71014003
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil: 97B3-5.0'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: ND
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6,250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: ND
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: ND
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014004-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71014004
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil: 97B3-7.0'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: ND
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6.250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: ND
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: ND
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014005-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71014005
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil: 97B3-10.0'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014006-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71014006
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil: 97B3-12.0'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6.250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014007-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71014007
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil: 97B3-15.0'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014008-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71014008
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil: 97B3-17.5'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: ND
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6.250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: ND
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: ND
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014009-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71014009
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil: 97B3-20.0'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014010-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71014010
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil: DUPLICATE 1

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: ND
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6.250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: ND
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: ND
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014011-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71014011
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Water: TRIP BLANK

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2,000	ND
2-Ethoxyethanol	500,000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2,000	ND
Methylene chloride	4.0	4.39
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	6.18
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	1.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014012-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71014012
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Water: FIELD BLANK

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2,000	ND
2-Ethoxyethanol	500,000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2,000	ND
Methylene chloride	4.0	ND
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	1.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

Rodney L. Mann

Rodney L. Mann

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1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014013-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71014013
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Water: RINSATE

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2,000	ND
2-Ethoxyethanol	500,000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2,000	ND
Methylene chloride	4.0	ND
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	1.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

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1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71020003-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71020003
DATE SAMPLED: 10-20-97
SAMPLE IDENTIFICATION: Soil: 97B4-3"

DATE RECEIVED: 10-20-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: ND
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6,250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: ND
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: ND
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71020004-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71020004
DATE SAMPLED: 10-20-97
SAMPLE IDENTIFICATION: Soil: 97B5-6"

DATE RECEIVED: 10-20-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6.250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

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1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71020005-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71020005
DATE SAMPLED: 10-20-97
SAMPLE IDENTIFICATION: Soil: 97B6-4"

DATE RECEIVED: 10-20-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

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SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71020006-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71020006
DATE SAMPLED: 10-20-97
SAMPLE IDENTIFICATION: Soil: 97B6-10'

DATE RECEIVED: 10-20-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	66.9
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71020007-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71020007
DATE SAMPLED: 10-20-97
SAMPLE IDENTIFICATION: Water: FIELD BLANK

DATE RECEIVED: 10-20-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2,000	ND
2-Ethoxyethanol	500,000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2,000	ND
Methylene chloride	4.0	ND
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	1.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71020008-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71020008
DATE SAMPLED: 10-20-97
SAMPLE IDENTIFICATION: Water: RINSATE

DATE RECEIVED: 10-20-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	: ND
Benzene	4.0	: ND
2-Butanone	40.0	: ND
Carbon disulfide	5.0	: ND
Chlorobenzene	5.0	: ND
Chloroethane	5.0	: ND
Chloromethane	4.0	: ND
1,1-Dichloroethane	5.0	: ND
1,2-Dichloroethane	4.0	: ND
cis-1,2-Dichloroethene	5.0	: ND
trans-1,2-Dichloroethene	5.0	: ND
1,4-Dioxane	2,000	: ND
2-Ethoxyethanol	500,000	: ND
Ethylbenzene	5.0	: ND
Hexachlorobutadiene	10.0	: ND
2-Hexanone	40.0	: ND
Isobutanol	2,000	: ND
Methylene chloride	4.0	: ND
4-Methyl-2-pentanone	20.0	: ND
2-Nitropropane	2,000	: ND
1,1,1,2-Tetrachloroethane	5.0	: ND
1,1,2,2-Tetrachloroethane	1.0	: ND
Tetrachloroethene	4.0	: ND
Styrene	5.0	: ND
Toluene	5.0	: ND
1,1,1-Trichloroethane	5.0	: ND
Trichloroethene	4.0	: ND
Vinyl chloride	1.0	: ND
o-Xylene	5.0	: ND
Xylenes (Total)	5.0	: ND

ND = NOT DETECTED

Rodney L. Mann

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021004-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71021004
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil: 97B7-4"

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021005-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71021005
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil: 97B7-6.0'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021006-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71021006
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil: 97B7-10.0'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: ND
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6,250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: ND
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: ND
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021007-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71021007
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil: 97B7-15.0'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021008-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71021008
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil: 97B8-6"

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021009-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71021009
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil: 97B8-5'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021010-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71021010
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil: 97B8-10'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71126009-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71126009
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Water: TRIP BLANK

DATE RECEIVED: 11-26-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2,000	ND
2-Ethoxyethanol	500,000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2,000	ND
Methylene chloride	4.0	ND
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	1.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021011-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71021011
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil: 97B8-15'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021012-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71021012
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil: 97B8-20'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021013-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71021013
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Water: FIELD BLANK

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2,000	ND
2-Ethoxyethanol	500,000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2,000	ND
Methylene chloride	4.0	ND
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	1.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021014-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71021014
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Water: RINSATE

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2,000	ND
2-Ethoxyethanol	500,000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2,000	ND
Methylene chloride	4.0	ND
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	1.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71022001-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71022001
DATE SAMPLED: 10-22-97
SAMPLE IDENTIFICATION: Soil: 97B8-25'

DATE RECEIVED: 10-22-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	78.4
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71022002-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71022002
DATE SAMPLED: 10-22-97
SAMPLE IDENTIFICATION: Soil: 97B8-29'

DATE RECEIVED: 10-22-97
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	17.9
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71022003-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71022003
DATE SAMPLED: 10-22-98
SAMPLE IDENTIFICATION: Water: FIELD BLANK

DATE RECEIVED: 10-22-98
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2.000	ND
2-Ethoxyethanol	500,000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2.000	ND
Methylene chloride	4.0	ND
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	1.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71022004-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71022004
DATE SAMPLED: 10-20-98
SAMPLE IDENTIFICATION: Water: TRIP BLANK

DATE RECEIVED: 10-22-98
SAMPLED BY: Mick Cossairt

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	: ND
Benzene	4.0	: ND
2-Butanone	40.0	: ND
Carbon disulfide	5.0	: ND
Chlorobenzene	5.0	: ND
Chloroethane	5.0	: ND
Chloromethane	4.0	: ND
1,1-Dichloroethane	5.0	: ND
1,2-Dichloroethane	4.0	: ND
cis-1,2-Dichloroethene	5.0	: ND
trans-1,2-Dichloroethene	5.0	: ND
1,4-Dioxane	2,000	: ND
2-Ethoxyethanol	500,000	: ND
Ethylbenzene	5.0	: ND
Hexachlorobutadiene	10.0	: ND
2-Hexanone	40.0	: ND
Isobutanol	2,000	: ND
Methylene chloride	4.0	: ND
4-Methyl-2-pentanone	20.0	: ND
2-Nitropropane	2,000	: ND
1,1,1,2-Tetrachloroethane	5.0	: ND
1,1,2,2-Tetrachloroethane	1.0	: ND
Tetrachloroethene	4.0	: ND
Styrene	5.0	: ND
Toluene	5.0	: ND
1,1,1-Trichloroethane	5.0	: ND
Trichloroethene	4.0	: ND
Vinyl chloride	1.0	: ND
o-Xylene	5.0	: ND
Xylenes (Total)	5.0	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71103007-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71103007
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil: 97B9-2"

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71103008-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71103008
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil: 97B9-5'

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71103009-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71103009
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil: 97B9-10'

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: ND
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6,250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: ND
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: ND
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71103010-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71103010
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil: 97B9-15'

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71103011-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71103011
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil: 97B9-20'

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: ND
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6,250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: ND
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: ND
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71103012-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71103012
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil: 97B9-25'

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: ND
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6,250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: ND
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: ND
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71104001-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71104001
DATE SAMPLED: 11-4-97
SAMPLE IDENTIFICATION: Soil: 97B10-6"

DATE RECEIVED: 11-4-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: ND
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6,250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: ND
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: ND
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71104002-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71104002
DATE SAMPLED: 11-4-97
SAMPLE IDENTIFICATION: Soil: 97B10-5'

DATE RECEIVED: 11-4-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71104003-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71104003
DATE SAMPLED: 11-4-97
SAMPLE IDENTIFICATION: Soil: 97B10-10'

DATE RECEIVED: 11-4-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71104004-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71104004
DATE SAMPLED: 11-4-97
SAMPLE IDENTIFICATION: Soil: 97B10-15'

DATE RECEIVED: 11-4-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71104005-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71104005
DATE SAMPLED: 11-4-97
SAMPLE IDENTIFICATION: Soil: 97B10-20'

DATE RECEIVED: 11-4-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	: ND
Benzene	0.05	: ND
2-Butanone	0.5	: ND
Carbon disulfide	0.0625	: ND
Chlorobenzene	0.0625	: ND
Chloroethane	0.0625	: ND
Chloromethane	0.05	: ND
1,1-Dichloroethane	0.0625	: ND
1,2-Dichloroethane	0.05	: ND
cis-1,2-Dichloroethene	0.0625	: ND
trans-1,2-Dichloroethene	0.0625	: ND
1,4-Dioxane	25.0	: ND
2-Ethoxyethanol	6,250	: ND
Ethylbenzene	0.0625	: ND
Hexachlorobutadiene	0.125	: ND
2-Hexanone	0.5	: ND
Isobutanol	25.0	: ND
Methylene chloride	0.05	: ND
4-Methyl-2-pentanone	0.25	: ND
2-Nitropropane	25.0	: ND
1,1,1,2-Tetrachloroethane	0.0625	: ND
1,1,2,2-Tetrachloroethane	0.0125	: ND
Tetrachloroethene	0.05	: ND
Styrene	0.0625	: ND
Toluene	0.0625	: ND
1,1,1-Trichloroethane	0.0625	: ND
Trichloroethene	0.05	: ND
Vinyl chloride	0.0125	: ND
o-Xylene	0.0625	: ND
Xylenes (Total)	0.0625	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71104006-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71104006
DATE SAMPLED: 11-4-97
SAMPLE IDENTIFICATION: Soil: 97B10-25'

DATE RECEIVED: 11-4-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acetone	0.5	ND
Benzene	0.05	ND
2-Butanone	0.5	ND
Carbon disulfide	0.0625	ND
Chlorobenzene	0.0625	ND
Chloroethane	0.0625	ND
Chloromethane	0.05	ND
1,1-Dichloroethane	0.0625	ND
1,2-Dichloroethane	0.05	ND
cis-1,2-Dichloroethene	0.0625	ND
trans-1,2-Dichloroethene	0.0625	ND
1,4-Dioxane	25.0	ND
2-Ethoxyethanol	6,250	ND
Ethylbenzene	0.0625	ND
Hexachlorobutadiene	0.125	ND
2-Hexanone	0.5	ND
Isobutanol	25.0	ND
Methylene chloride	0.05	ND
4-Methyl-2-pentanone	0.25	ND
2-Nitropropane	25.0	ND
1,1,1,2-Tetrachloroethane	0.0625	ND
1,1,2,2-Tetrachloroethane	0.0125	ND
Tetrachloroethene	0.05	ND
Styrene	0.0625	ND
Toluene	0.0625	ND
1,1,1-Trichloroethane	0.0625	ND
Trichloroethene	0.05	ND
Vinyl chloride	0.0125	ND
o-Xylene	0.0625	ND
Xylenes (Total)	0.0625	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71104007-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71104007
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Water: FIELD BLANK

DATE RECEIVED: 11-4-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2,000	ND
2-Ethoxyethanol	500.000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2,000	ND
Methylene chloride	4.0	ND
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	1.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71104008-1

DATE: 3-17-98

ATTN: Mick Cossairt

QAS #: 71104008
DATE SAMPLED: 11-4-97
SAMPLE IDENTIFICATION: Water: FIELD BLANK

DATE RECEIVED: 11-4-97
SAMPLED BY: Jason Davis

VOLATILE ORGANIC COMPOUNDS - SW-846-8260

PARAMETER	DET. LIMIT (ug/L)	CONC. (ug/L)
Acetone	40.0	ND
Benzene	4.0	ND
2-Butanone	40.0	ND
Carbon disulfide	5.0	ND
Chlorobenzene	5.0	ND
Chloroethane	5.0	ND
Chloromethane	4.0	ND
1,1-Dichloroethane	5.0	ND
1,2-Dichloroethane	4.0	ND
cis-1,2-Dichloroethene	5.0	ND
trans-1,2-Dichloroethene	5.0	ND
1,4-Dioxane	2,000	ND
2-Ethoxyethanol	500,000	ND
Ethylbenzene	5.0	ND
Hexachlorobutadiene	10.0	ND
2-Hexanone	40.0	ND
Isobutanol	2,000	ND
Methylene chloride	4.0	ND
4-Methyl-2-pentanone	20.0	ND
2-Nitropropane	2,000	ND
1,1,1,2-Tetrachloroethane	5.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
Tetrachloroethene	4.0	ND
Styrene	5.0	ND
Toluene	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Trichloroethene	4.0	ND
Vinyl chloride	1.0	ND
o-Xylene	5.0	ND
Xylenes (Total)	5.0	ND

ND = NOT DETECTED

Rodney L. Mann

APPENDIX V

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013001-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71013001
DATE SAMPLED: 10-13-97
SAMPLE IDENTIFICATION: Soil: 97B1-4"

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013002-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71013002
DATE SAMPLED: 10-13-97
SAMPLE IDENTIFICATION: Soil: 97B2-4"

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013003-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71013003
DATE SAMPLED: 10-13-97
SAMPLE IDENTIFICATION: Soil: 97B2-2.5'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013004-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71013004
DATE SAMPLED: 10-13-97
SAMPLE IDENTIFICATION: Soil: 97B2-7.5'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013005-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71013005
DATE SAMPLED: 10-13-97
SAMPLE IDENTIFICATION: Soil: 97B2-10.0'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013006-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71013006
DATE SAMPLED: 10-13-97
SAMPLE IDENTIFICATION: Soil: 97B2-12.5'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013007-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71013007
DATE SAMPLED: 10-13-97
SAMPLE IDENTIFICATION: Soil: 97B2-15.0'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014001-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71014001
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil: 97B3-3"

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014002-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71014002
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil: 97B3-2.5'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014003-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71014003
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil: 97B3-5.0'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014004-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71014004
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil: 97B3-7.0'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014005-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71014005
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil: 97B3-10.0'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014006-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71014006
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil: 97B3-12.0'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014007-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71014007
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil: 97B3-15.0'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014008-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71014008
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil: 97B3-17.5'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014009-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71014009
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil: 97B3-20.0'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014010-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71014010
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil: 97B3-Duplicate

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71020003-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71020003
DATE SAMPLED: 10-20-97
SAMPLE IDENTIFICATION: Soil: 97B4-3"

DATE RECEIVED: 10-20-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71020004-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71020004
DATE SAMPLED: 10-20-97
SAMPLE IDENTIFICATION: Soil: 97B5-6"

DATE RECEIVED: 10-20-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71020005-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71020005
DATE SAMPLED: 10-20-97
SAMPLE IDENTIFICATION: Soil: 97B6-4"

DATE RECEIVED: 10-20-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71020006-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71020006
DATE SAMPLED: 10-20-97
SAMPLE IDENTIFICATION: Soil: 97B6-10'

DATE RECEIVED: 10-20-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021004-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71021004
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil: 97B7-4"

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021005-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71021005
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil: 97B7-6.0'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021006-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71021006
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil: 97B7-10.0'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021007-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71021007
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil: 97B7-15.0'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021008-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71021008
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil: 97B8-6"

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021009-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71021009
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil: 97B8-5'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021010-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71021010
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil: 97B8-10'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021011-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71021011
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil: 97B8-15'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021012-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71021012
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil: 97B8-20'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71022001-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71022001
DATE SAMPLED: 10-22-97
SAMPLE IDENTIFICATION: Soil: 97B8-25'

DATE RECEIVED: 10-22-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71022002-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71022002
DATE SAMPLED: 10-22-97
SAMPLE IDENTIFICATION: Soil: 97B8-29'

DATE RECEIVED: 10-22-97
SAMPLED BY: Mick Cossairt

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71103007-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71103007
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil: 97B9-2"

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71103008-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71103008
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil: 97B9-5'

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71103009-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71103009
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil: 97B9-10'

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71103010-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71103010
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil: 97B9-15'

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71103011-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71103011
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil: 97B9-20'

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71103012-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71103012
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil: 97B9-25'

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71104001-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71104001
DATE SAMPLED: 11-4-97
SAMPLE IDENTIFICATION: Soil: 97B10-6"

DATE RECEIVED: 11-4-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71104002-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71104002
DATE SAMPLED: 11-4-97
SAMPLE IDENTIFICATION: Soil: 97B10-5'

DATE RECEIVED: 11-4-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71104003-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71104003
DATE SAMPLED: 11-4-97
SAMPLE IDENTIFICATION: Soil: 97B10-10'

DATE RECEIVED: 11-4-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71104004-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71104004
DATE SAMPLED: 11-4-97
SAMPLE IDENTIFICATION: Soil: 97B10-15'

DATE RECEIVED: 11-4-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71104005-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71104005
DATE SAMPLED: 11-4-97
SAMPLE IDENTIFICATION: Soil: 97B10-20'

DATE RECEIVED: 11-4-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71104006-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71104006
DATE SAMPLED: 11-4-97
SAMPLE IDENTIFICATION: Soil: 97B10-25'

DATE RECEIVED: 11-4-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71106002-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71106002
DATE SAMPLED: 11-5-97
SAMPLE IDENTIFICATION: Soil: 97B11-6"

DATE RECEIVED: 11-5-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71106003-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71106003
DATE SAMPLED: 11-5-97
SAMPLE IDENTIFICATION: Soil: 97B11-10'

DATE RECEIVED: 11-5-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71106004-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71106004
DATE SAMPLED: 11-6-97
SAMPLE IDENTIFICATION: Soil: 97B11-15'

DATE RECEIVED: 11-5-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71106005-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71106005
DATE SAMPLED: 11-6-97
SAMPLE IDENTIFICATION: Soil: 97B11-20'

DATE RECEIVED: 11-5-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71106006-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71106006
DATE SAMPLED: 11-6-97
SAMPLE IDENTIFICATION: Soil: 97B11-25'

DATE RECEIVED: 11-5-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71106007-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71106007
DATE SAMPLED: 11-6-97
SAMPLE IDENTIFICATION: Soil: 97B11-30'

DATE RECEIVED: 11-5-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112003-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71112003
DATE SAMPLED: 11-10-97
SAMPLE IDENTIFICATION: Soil: 97B12-6"

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney B. Nash

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112004-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71112004
DATE SAMPLED: 11-10-97
SAMPLE IDENTIFICATION: Soil: 97B12-10'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112005-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71112005
DATE SAMPLED: 11-10-97
SAMPLE IDENTIFICATION: Soil: 97B12-15'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112006-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71112006
DATE SAMPLED: 11-10-97
SAMPLE IDENTIFICATION: Soil: 97B12-20'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112007-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71112007
DATE SAMPLED: 11-10-97
SAMPLE IDENTIFICATION: Soil: 97B12-Duplicate

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112008-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71112008
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil: 97B13-6"

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112009-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71112009
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil: 97B13-10'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112010-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71112010
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil: 97B13-15'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112011-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71112011
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil: 97B13-20'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112012-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71112012
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil: 97B13-25'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112013-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71112013
DATE SAMPLED: 11-12-97
SAMPLE IDENTIFICATION: Soil: 97B13-30'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112014-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71112014
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil: 97B13-Duplicate

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71124001-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71124001
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil: 97B14-6"

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71124002-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71124002
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil: 97B14-5'

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71124003-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71124003
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil: 97B14-10'

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71124004-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71124004
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil: 97B14-11'

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71124005-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71124005
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil: 97B14-15'

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71124006-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71124006
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil: 97B14-20'

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71124007-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71124007
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil: 97B14-24'

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71125003-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71125003
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil: 97B15-6"

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71125004-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71125004
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil: 97B15-5'

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71125005-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71125005
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil: 97B15-10'

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71125006-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71125006
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil: 97B15-15'

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71125007-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71125007
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil: 97B15-20'

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71125008-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71125008
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil: 97B15-22'

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71125009-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71125009
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil: 97B15-Duplicate

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	: ND
Anthracene	1.0	: ND
Benzoic acid	2.0	: ND
Benzo(a)anthracene	1.0	: ND
Bis(2-ethylhexyl)phthalate	1.0	: ND
Butyl benzyl phthalate	5.0	: ND
Chrysene	1.0	: ND
Dibenzofuran	1.0	: ND
Di-n-butylphthalate	10.0	: ND
1,2-Dichlorobenzene	1.0	: ND
1,4-Dichlorobenzene	1.0	: ND
2,4-Dimethylphenol	1.0	: ND
2,4-Dinitrotoluene	1.0	: ND
Fluoranthene	1.0	: ND
Fluorene	1.0	: ND
Hexachlorobenzene	1.0	: ND
Hexachlorobutadiene	1.0	: ND
Hexachloroethane	1.0	: ND
2-Methylnaphthalene	1.0	: ND
2-Methylphenol	1.0	: ND
3-Methylphenol	1.0	: ND
4-Methylphenol	1.0	: ND
Naphthalene	1.0	: ND
Nitrobenzene	1.0	: ND
N-Nitrosodiphenylamine	1.0	: ND
Phenanthrene	1.0	: ND
Phenol	1.0	: ND
Pyrene	1.0	: ND
Pyridine	40.0	: ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71126001-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71126001
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil: 97B16-6"

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71126002-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71126002
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil: 97B16-5'

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71126003-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71126003
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil: 97B16-10'

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71126004-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71126004
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil: 97B16-15'

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71126005-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71126005
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil: 97B16-20'

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71126006-5

DATE: 5-11-98

ATTN: Mick Cossairt

QAS #: 71126006
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil: 97B16-22'

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

SEMI-VOLATILE ORGANIC COMPOUNDS - SW-846-8270

PARAMETER	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
Acenaphthene	1.0	ND
Anthracene	1.0	ND
Benzoic acid	2.0	ND
Benzo(a)anthracene	1.0	ND
Bis(2-ethylhexyl)phthalate	1.0	ND
Butyl benzyl phthalate	5.0	ND
Chrysene	1.0	ND
Dibenzofuran	1.0	ND
Di-n-butylphthalate	10.0	ND
1,2-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
2,4-Dimethylphenol	1.0	ND
2,4-Dinitrotoluene	1.0	ND
Fluoranthene	1.0	ND
Fluorene	1.0	ND
Hexachlorobenzene	1.0	ND
Hexachlorobutadiene	1.0	ND
Hexachloroethane	1.0	ND
2-Methylnaphthalene	1.0	ND
2-Methylphenol	1.0	ND
3-Methylphenol	1.0	ND
4-Methylphenol	1.0	ND
Naphthalene	1.0	ND
Nitrobenzene	1.0	ND
N-Nitrosodiphenylamine	1.0	ND
Phenanthrene	1.0	ND
Phenol	1.0	ND
Pyrene	1.0	ND
Pyridine	40.0	ND

ND = NOT DETECTED

Rodney L. Mann

APPENDIX VI

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013001-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71013001
DATE SAMPLED: 10-13-97
SAMPLE IDENTIFICATION: Soil - 97B1-4"

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013002-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71013002
DATE SAMPLED: 10-13-97
SAMPLE IDENTIFICATION: Soil - 97B2-4"

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013003-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71013003
DATE SAMPLED: 10-13-97
SAMPLE IDENTIFICATION: Soil - 97B2-2.5'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013004-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71013004
DATE SAMPLED: 10-13-97
SAMPLE IDENTIFICATION: Soil - 97B2-7.5'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013005-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71013005
DATE SAMPLED: 10-13-97
SAMPLE IDENTIFICATION: Soil - 97B2-10.0'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71014001-4

DATE: 5-6-98

QAS #: 71014001
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil - 97B3-3"

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014002-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71014002
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil - 97B3-2.5'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014003-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71014003
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil - 97B3-5.0'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71014004-4

DATE: 5-6-98

QAS #: 71014004
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil - 97B3-7.0'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71014005-4

DATE: 5-6-98

QAS #: 71014005
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil - 97B3-10.0'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71014006-4

DATE: 5-6-98

QAS #: 71014006
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil - 97B3-12.0'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014007-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71014007
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil - 97B3-15.0'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014008-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71014008
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil - 97B3-17.5'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014009-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71014009
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil - 97B3-20.0'

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71014010-4

DATE: 5-6-98

QAS #: 71014010
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil - Duplicate 1

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71020003-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71020003
DATE SAMPLED: 10-20-97
SAMPLE IDENTIFICATION: Soil - 97B4-3"

DATE RECEIVED: 10-20-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71020004-4

DATE: 5-6-98

QAS #: 71020004
DATE SAMPLED: 10-20-97
SAMPLE IDENTIFICATION: Soil - 97B5-6"

DATE RECEIVED: 10-20-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71020005-4

DATE: 5-6-98

QAS #: 71020005
DATE SAMPLED: 10-20-97
SAMPLE IDENTIFICATION: Soil - 97B6-4"

DATE RECEIVED: 10-20-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71020006-4

DATE: 5-6-98

QAS #: 71020006
DATE SAMPLED: 10-20-97
SAMPLE IDENTIFICATION: Soil - 97B6-10.0'

DATE RECEIVED: 10-20-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021004-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71021004
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil - 97B7-4"

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71021006-4

DATE: 5-6-98

QAS #: 71021006
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil - 97B7-10'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71021008-4

DATE: 5-6-98

QAS #: 71021008
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil - 97B8-6"

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71021009-4

DATE: 5-6-98

QAS #: 71021009
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil - 97B8-5'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

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SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71021010-4

DATE: 5-6-98

QAS #: 71021010
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil - 97B8-10'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021011-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71021011
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil - 97B8-15'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

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SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021012-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71021012
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil - 97B8-20'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

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SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71022001-4

DATE: 5-6-98

QAS #: 71022001
DATE SAMPLED: 10-22-97
SAMPLE IDENTIFICATION: Soil - 97B8-25'

DATE RECEIVED: 10-22-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

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SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71022002-4

DATE: 5-6-98

QAS #: 71022002
DATE SAMPLED: 10-22-97
SAMPLE IDENTIFICATION: Soil - 97B8-29'

DATE RECEIVED: 10-22-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

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SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71103007-4

DATE: 5-6-98

QAS #: 71103007
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil - 97B9-2"

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

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SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71103008-4

DATE: 5-6-98

QAS #: 71103008
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil - 97B9-5'

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

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SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71103009-4

DATE: 5-6-98

QAS #: 71103009
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil - 97B9-10'

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

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SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71103010-4

DATE: 5-6-98

QAS #: 71103010
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil - 97B9-15'

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2.4-D	SW-846-8150	4.00	ND
2.4.5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

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SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71103011-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71103011
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil - 97B9-20'

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

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Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71103012-4

DATE: 5-6-98

QAS #: 71103012
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil - 97B9-25'

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

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SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71104001-4

DATE: 5-6-98

QAS #: 71104001
DATE SAMPLED: 11-4-97
SAMPLE IDENTIFICATION: Soil - 97B10-6"

DATE RECEIVED: 11-4-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

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SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71104002-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71104002
DATE SAMPLED: 11-4-97
SAMPLE IDENTIFICATION: Soil - 97B10-5'

DATE RECEIVED: 11-4-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

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Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71104003-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71104003
DATE SAMPLED: 11-4-97
SAMPLE IDENTIFICATION: Soil - 97B10-10'

DATE RECEIVED: 11-4-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71104004-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71104004
DATE SAMPLED: 11-4-97
SAMPLE IDENTIFICATION: Soil - 97B10-15'

DATE RECEIVED: 11-4-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

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Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71104005-4

DATE: 5-6-98

QAS #: 71104005
DATE SAMPLED: 11-4-97
SAMPLE IDENTIFICATION: Soil - 97B10-20'

DATE RECEIVED: 11-4-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

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Quality Analytical Services

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SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71104006-4

DATE: 5-6-98

QAS #: 71104006
DATE SAMPLED: 11-4-97
SAMPLE IDENTIFICATION: Soil - 97B10-25'

DATE RECEIVED: 11-4-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71106002-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71106002
DATE SAMPLED: 11-5-97
SAMPLE IDENTIFICATION: Soil - 97B11-6"

DATE RECEIVED: 11-6-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71106003-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71106003
DATE SAMPLED: 11-5-97
SAMPLE IDENTIFICATION: Soil - 97B11-10'

DATE RECEIVED: 11-6-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

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SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71106004-4

DATE: 5-6-98

QAS #: 71106004
DATE SAMPLED: 11-6-97
SAMPLE IDENTIFICATION: Soil - 97B11-15'

DATE RECEIVED: 11-6-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

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SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71106005-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71106005
DATE SAMPLED: 11-6-97
SAMPLE IDENTIFICATION: Soil - 97B11-20'

DATE RECEIVED: 11-6-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

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SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71106006-4

DATE: 5-6-98

QAS #: 71106006
DATE SAMPLED: 11-6-97
SAMPLE IDENTIFICATION: Soil - 97B11-25'

DATE RECEIVED: 11-6-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71106007-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71106007
DATE SAMPLED: 11-6-97
SAMPLE IDENTIFICATION: Soil - 97B11-30'

DATE RECEIVED: 11-6-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71112003-4

DATE: 5-6-98

QAS #: 71112003
DATE SAMPLED: 11-10-97
SAMPLE IDENTIFICATION: Soil - 97B12-6"

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112004-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71112004
DATE SAMPLED: 11-10-97
SAMPLE IDENTIFICATION: Soil - 97B12-10'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71112005-4

DATE: 5-6-98

QAS #: 71112005
DATE SAMPLED: 11-10-97
SAMPLE IDENTIFICATION: Soil - 97B12-15'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112006-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71112006
DATE SAMPLED: 11-10-97
SAMPLE IDENTIFICATION: Soil - 97B12-20'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71112007-4

DATE: 5-6-98

QAS #: 71112007
DATE SAMPLED: 11-10-97
SAMPLE IDENTIFICATION: Soil - 97B12-Duplicate

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

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SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71112008-4

DATE: 5-6-98

QAS #: 71112008
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil - 97B13-6"

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112009-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71112009
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil - 97B13-10'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71112010-4

DATE: 5-6-98

QAS #: 71112010
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil - 97B13-15'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71112011-4

DATE: 5-6-98

QAS #: 71112011
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil - 97B13-20'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112012-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71112012
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil - 97B13-25'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

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SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71112013-4

DATE: 5-6-98

QAS #: 71112013
DATE SAMPLED: 11-12-97
SAMPLE IDENTIFICATION: Soil - 97B13-30'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

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SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112014-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71112014
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil - 97B13-Duplicate

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71124001-4

DATE: 5-6-98

QAS #: 71124001
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil - 97B14-6"

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71124002-4

DATE: 5-6-98

QAS #: 71124002
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil - 97B14-5'

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71124003-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71124003
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil - 97B14-10'

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71124005-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71124005
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil - 97B14-15'

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71124006-4

DATE: 5-6-98

QAS #: 71124006
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil - 97B14-20'

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71124007-4

DATE: 5-6-98

QAS #: 71124007
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil - 97B14-24'

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71125003-4

DATE: 5-6-98

QAS #: 71125003
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil - 97B15-6"

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71125004-4

DATE: 5-6-98

QAS #: 71125004
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil - 97B15-5'

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71125005-4

DATE: 5-6-98

QAS #: 71125005
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil - 97B15-10'

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71125006-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71125006
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil - 97B15-15'

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71125007-4

DATE: 5-6-98

QAS #: 71125007
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil - 97B15-20'

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71125008-4

DATE: 5-6-98

QAS #: 71125008
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil - 97B15-22'

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71125009-4

DATE: 5-6-98

QAS #: 71125009
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil - 97B15-Duplicate

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71126001-4

DATE: 5-6-98

QAS #: 71126001
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil - 97B16-6"

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71126002-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71126002
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil - 97B16-5'

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71126003-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71126003
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil - 97B16-10'

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71126004-4

DATE: 5-6-98

QAS #: 71126004
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil - 97B16-15'

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71126005-4

DATE: 5-6-98

QAS #: 71126005
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil - 97B16-20'

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71126006-4

DATE: 5-6-98

ATTN: Mick Cossairt

QAS #: 71126006
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil - 97B16-22'

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
Herbicides		(mg/Kg)	(mg/Kg)
2,4-D	SW-846-8150	4.00	ND
2,4,5-TP (Silvex)	SW-846-8150	2.00	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

APPENDIX VII

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71013001-3

DATE: 4-21-98

QAS #: 71013001
DATE SAMPLED: 10-13-97
SAMPLE IDENTIFICATION: Soil - 97B1-4"

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71013002-3

DATE: 4-21-98

QAS #: 71013002
DATE SAMPLED: 10-13-97
SAMPLE IDENTIFICATION: Soil - 97B2-4"

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71013003-3

DATE: 4-21-98

QAS #: 71013003
DATE SAMPLED: 10-13-97
SAMPLE IDENTIFICATION: Soil - 97B2-2.5'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71013004-3

DATE: 4-21-98

QAS #: 71013004
DATE SAMPLED: 10-13-97
SAMPLE IDENTIFICATION: Soil - 97B2-7.5'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013005-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71013005
DATE SAMPLED: 10-13-97
SAMPLE IDENTIFICATION: Soil - 97B2-10.0'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013006-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71013006
DATE SAMPLED: 10-13-97
SAMPLE IDENTIFICATION: Soil - 97B2-12.5'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71013007-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71013007
DATE SAMPLED: 10-13-97
SAMPLE IDENTIFICATION: Soil - 97B2-15.0'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014001-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71014001
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil - 97B3-3"

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	
PCB			
PCB-1260	SW-846-8080	0.002	0.0790

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014002-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71014002
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil - 97B3-2.5'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71014003-3

DATE: 4-21-98

QAS #: 71014003
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil - 97B3-5.0'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71014004-3

DATE: 4-21-98

QAS #: 71014004
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil - 97B3-7.0'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014005-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71014005
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil - 97B3-10.0'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71014006-3

DATE: 4-21-98

QAS #: 71014006
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil - 97B3-12.0'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71014007-3

DATE: 4-21-98

QAS #: 71014007
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil - 97B3-15.0'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014008-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71014008
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil - 97B3-17.5'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71014009-3

DATE: 4-21-98

QAS #: 71014009
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil - 97B3-20.0'

DATE RECEIVED: 10-13-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71014010-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71014010
DATE SAMPLED: 10-14-97
SAMPLE IDENTIFICATION: Soil - Duplicate 1

DATE RECEIVED: 10-14-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71020003-3

DATE: 4-21-98

QAS #: 71020003
DATE SAMPLED: 10-20-97
SAMPLE IDENTIFICATION: Soil - 97B4-3"

DATE RECEIVED: 10-20-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	0.0549
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

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1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71020004-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71020004
DATE SAMPLED: 10-20-97
SAMPLE IDENTIFICATION: Soil - 97B5-6"

DATE RECEIVED: 10-20-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	0.00760
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	0.0987

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71020005-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71020005
DATE SAMPLED: 10-20-97
SAMPLE IDENTIFICATION: Soil - 97B6-4"

DATE RECEIVED: 10-20-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71020006-3

DATE: 4-21-98

QAS #: 71020006
DATE SAMPLED: 10-20-97
SAMPLE IDENTIFICATION: Soil - 97B6-10'

DATE RECEIVED: 10-20-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021004-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71021004
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil - 97B7-4"

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	0.00960
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	0.0610

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71021005-3

DATE: 4-21-98

QAS #: 71021005
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil - 97B7-6.0'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021006-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71021006
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil - 97B7-10.0'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71021007-3

DATE: 4-21-98

QAS #: 71021007
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil - 97B7-15.0'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	0.0278

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021008-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71021008
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil - 97B8-6"

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71021009-3

DATE: 4-21-98

QAS #: 71021009
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil - 97B8-5'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	0.00670
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021010-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71021010
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil - 97B8-10'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71021011-3

DATE: 4-21-98

QAS #: 71021011
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil - 97B8-15'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71021012-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71021012
DATE SAMPLED: 10-21-97
SAMPLE IDENTIFICATION: Soil - 97B8-20'

DATE RECEIVED: 10-21-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71022001-3

DATE: 4-21-98

QAS #: 71022001
DATE SAMPLED: 10-22-97
SAMPLE IDENTIFICATION: Soil - 97B8-25'

DATE RECEIVED: 10-22-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71022002-3

DATE: 4-21-98

QAS #: 71022002
DATE SAMPLED: 10-22-97
SAMPLE IDENTIFICATION: Soil - 97B8-29'

DATE RECEIVED: 10-22-97
SAMPLED BY: Mick Cossairt

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor		0.002	0.00879
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	0.0400

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71103007-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71103007
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil - 97B9-2"

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	0.0470

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71103008-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71103008
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil - 97B9-5'

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	0.0173

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71103009-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71103009
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil - 97B9-10'

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	0.0109

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71103010-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71103010
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil - 97B9-15'

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71103011-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71103011
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil - 97B9-20'

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

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1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71103012-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71103012
DATE SAMPLED: 11-3-97
SAMPLE IDENTIFICATION: Soil - 97B9-25'

DATE RECEIVED: 11-3-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71104001-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71104001
DATE SAMPLED: 7-4-97
SAMPLE IDENTIFICATION: Soil - 97B10-6"

DATE RECEIVED: 7-4-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	0.0360

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71104002-3

DATE: 4-21-98

QAS #: 71104002
DATE SAMPLED: 7-4-97
SAMPLE IDENTIFICATION: Soil - 97B10-5'

DATE RECEIVED: 7-4-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71104003-3

DATE: 4-21-98

QAS #: 71104003
DATE SAMPLED: 7-4-97
SAMPLE IDENTIFICATION: Soil - 97B10-10'

DATE RECEIVED: 7-4-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71104004-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71104004
DATE SAMPLED: 7-4-97
SAMPLE IDENTIFICATION: Soil - 97B10-15'

DATE RECEIVED: 7-4-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71104005-3

DATE: 4-21-98

QAS #: 71104005
DATE SAMPLED: 7-4-97
SAMPLE IDENTIFICATION: Soil - 97B10-20'

DATE RECEIVED: 7-4-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71104006-3

DATE: 4-21-98

QAS #: 71104006
DATE SAMPLED: 7-4-97
SAMPLE IDENTIFICATION: Soil - 97B10-25'

DATE RECEIVED: 7-4-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	0.0124

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71106002-3

DATE: 4-21-98

QAS #: 71106002
DATE SAMPLED: 11-5-97
SAMPLE IDENTIFICATION: Soil - 97B11-6"

DATE RECEIVED: 11-6-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	0.0128

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71106003-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71106003
DATE SAMPLED: 11-5-97
SAMPLE IDENTIFICATION: Soil - 97B11-10'

DATE RECEIVED: 11-6-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71106004-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71106004
DATE SAMPLED: 11-6-97
SAMPLE IDENTIFICATION: Soil - 97B11-15'

DATE RECEIVED: 11-6-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71106005-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71106005
DATE SAMPLED: 11-6-97
SAMPLE IDENTIFICATION: Soil - 97B11-20'

DATE RECEIVED: 11-6-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71106006-3

DATE: 4-21-98

QAS #: 71106006
DATE SAMPLED: 11-6-97
SAMPLE IDENTIFICATION: Soil - 97B11-25'

DATE RECEIVED: 11-6-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71106007-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71106007
DATE SAMPLED: 11-6-97
SAMPLE IDENTIFICATION: Soil - 97B11-30'

DATE RECEIVED: 11-6-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71112003-3

DATE: 4-21-98

QAS #: 71112003
DATE SAMPLED: 11-10-97
SAMPLE IDENTIFICATION: Soil - 97B12-6"

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	0.0458

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112004-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71112004
DATE SAMPLED: 11-10-97
SAMPLE IDENTIFICATION: Soil - 97B12-10'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112005-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71112005
DATE SAMPLED: 11-10-97
SAMPLE IDENTIFICATION: Soil - 97B12-15'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112006-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71112006
DATE SAMPLED: 11-10-97
SAMPLE IDENTIFICATION: Soil - 97B12-20'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	0.00285
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112007-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71112007
DATE SAMPLED: 11-10-97
SAMPLE IDENTIFICATION: Soil - 97B12-Duplicate

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112008-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71112008
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil - 97B13-6"

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112009-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71112009
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil - 97B13-10'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112010-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71112010
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil - 97B13-15'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112011-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71112011
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil - 97B13-20'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112012-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71112012
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil - 97B13-25'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71112013-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71112013
DATE SAMPLED: 11-12-97
SAMPLE IDENTIFICATION: Soil - 97B13-30'

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71112014-3

DATE: 4-21-98

QAS #: 71112014
DATE SAMPLED: 11-11-97
SAMPLE IDENTIFICATION: Soil - 97B13-Duplicate

DATE RECEIVED: 11-12-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71124001-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71124001
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil - 97B14-6"

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
: 1633 South Marsh
: Kansas City, MO 64126
:

REPORT #: 71124002-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71124002
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil - 97B14-5'

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71124003-3

DATE: 4-21-98

QAS #: 71124003
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil - 97B14-10'

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	0.0150
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	0.0357

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71124004-3

DATE: 4-21-98

QAS #: 71124004
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil - 97B14-11'

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	0.00917
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	0.0687

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71124005-3

DATE: 4-21-98

QAS #: 71124005
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil - 97B14-15'

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71124006-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71124006
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil - 97B14-20'

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	0.00497
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71124007-3

DATE: 4-21-98

QAS #: 71124007
DATE SAMPLED: 11-24-97
SAMPLE IDENTIFICATION: Soil - 97B14-24'

DATE RECEIVED: 11-24-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71125003-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71125003
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil - 97B15-6"

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71125004-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71125004
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil - 97B15-5'

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71125005-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71125005
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil - 97B15-10'

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney B. Nolan

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71125006-3

DATE: 4-21-98

QAS #: 71125006
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil - 97B15-15'

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71125007-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71125007
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil - 97B15-20'

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71125008-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71125008
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil - 97B15-22'

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71125009-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71125009
DATE SAMPLED: 11-25-97
SAMPLE IDENTIFICATION: Soil - 97B15-Duplicate

DATE RECEIVED: 11-25-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71126001-3

DATE: 4-21-98

QAS #: 71126001
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil - 97B16-6"

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	0.00881
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71126002-3

DATE: 4-21-98

QAS #: 71126002
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil - 97B16-5'

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71126003-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71126003
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil - 97B16-10'

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

REPORT #: 71126004-3

DATE: 4-21-98

ATTN: Mick Cossairt

QAS #: 71126004
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil - 97B16-15'

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney R. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71126005-3

DATE: 4-21-98

QAS #: 71126005
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil - 97B16-20'

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT (mg/Kg)	CONC. (mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann

Quality Analytical Services

1633 S. Marsh • Box 266426 • Kansas City, MO 64126 • (816) 254-5257

SERVICE TO: Industrial Service Corporation
1633 South Marsh
Kansas City, MO 64126

ATTN: Mick Cossairt

REPORT #: 71126006-3

DATE: 4-21-98

QAS #: 71126006
DATE SAMPLED: 11-26-97
SAMPLE IDENTIFICATION: Soil - 97B16-22'

DATE RECEIVED: 11-26-97
SAMPLED BY: Jason Davis

PARAMETER	METHOD	DET. LIMIT	CONC.
		(mg/Kg)	(mg/Kg)
PESTICIDES			
beta-BHC	SW-846-8080	0.002	ND
gamma-BHC	SW-846-8080	0.002	ND
Heptachlor	SW-846-8080	0.002	ND
Heptachlor epoxide	SW-846-8080	0.01	ND
PCB			
PCB-1260	SW-846-8080	0.002	ND

ND = NOT DETECTED
NA = NOT APPLICABLE

Rodney L. Mann