EPA

VAN WATERS & ROGERS INC.

Closure Documentation Report

VW&R Facility
2000 Guinotte Avenue
Kansas City, Missouri

May 21, 1996

R00031559
RCRA Records Center

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JUN 17 1996
HAZARDOUS WASTE PROGRAM
MISSOURI DEPARTMENT OF
NATURAL RESOURCES

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RCRA PERMITTING & COMPLIANCE BRANCH (RPCB)

Van Waters & Rogers Inc.
subsidiary of **Univar**

600 HUNTER DRIVE
OAK BROOK, IL 60521-1926
PHONE (708) 573-4326
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June 14, 1996

Ms. Darlene Westcott
RCRA Permit Section
Division of Environmental Quality
Missouri Department of Natural Resources
P.O. Box 176
Jefferson City, MO 65102-0176

RE: RCRA Closure Report
MOD 007 158 157

Dear Ms. Westcott:

Enclosed are three (3) copies of the RCRA closure report for the Van Waters & Rogers Inc facility located at 2000 Guinotte Avenue in Kansas City, Missouri. The report shows that we have not achieved the clean closure performance standard required by our closure plan. Several solvents were detected in amounts greater than their practical quantitation limits in the soils near the waste container storage unit. The closure performance standard in our closure plan states that "non-detectable levels of solvents ..." will define clean closure.

As we have discussed, Van Waters & Rogers Inc is interested in combining further RCRA closure activities with the State of Missouri voluntary corrective action program. We have begun exploring the terms of our participation in the voluntary corrective action program with Missouri Department of Natural Resources staff. In this regard, we are currently reviewing the results of a conference call on May 17, 1996 between Wayne Grotheer and Allan Bakalian of Van Waters & Rogers Inc and Rich Nussbaum and Aaron Schmidt of the Missouri Department of Natural Resources. Until the details of the voluntary corrective action program are negotiated, I propose that any further RCRA closure activities be postponed.

If you have any questions about the closure report, please feel free to call me (708-573-4334).

Sincerely,

James P. Hooper

James P. Hooper
Regulatory Manager

enclosures

CHEMCARE

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JUN 17 1996

HAZARDOUS WASTE PROGRAM
MISSOURI DEPARTMENT OF
NATURAL RESOURCES

cc: T. Irvine, RVP, Midwest Region
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1. Site Location Map
2. Facility Map
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A. Color Photographic Documentation
B. Field Sampling Logs
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1.0 INTRODUCTION

This Closure Report is being submitted to document closure activities conducted under the Resource Conservation and Recovery Act (RCRA) at the request of Van Waters & Rogers Inc. (VW&R). The closure activities were conducted at the hazardous waste container storage unit (unit) located at the VW&R facility in Kansas City, Missouri (Figure 1). This closure report is being submitted in accordance with 40 CFR Subpart G 265.115. The closure report was prepared by BASCOR Environmental, Inc. (BEI) on behalf of VW&R.

VW&R submitted a Closure Plan to the Missouri Department of Natural Resources (MDNR) Hazardous Waste Program. The Closure Plan consisted of thoroughly cleaning the hazardous waste storage unit through a series of scraping, washes, and rinses to remove any potential waste residue from the previous storage activities. In addition, soil sampling was conducted to document the condition of the soils at the site to determine the potential of contaminant migration from the storage units, or other sources, to the subsurface. VW&R received Closure Plan approval in a letter dated December 22, 1995 from Mr. David Shorr, Director of the Missouri DNR.

This document consists of four separate sections which include an introduction, site information, closure documentation, and certification. The analytical results, photographs, and sample collection documentation are included as appendices. The following are included in this report:

- Section 1 - Consists of the introduction;
- Section 2 - Includes background information, facility location, and description of closure activities;
- Section 3 - Includes discussions of the closure documentation (including the volume of waste and waste residue removed), sample collection procedures, analytical methods, analytical results, photographic documentation, and a chronological summary of closure activities; and
- Section 4 - Provides certification of the described closure activities by an independent registered Missouri Professional Engineer.

2.0 SITE INFORMATION

2.1 FACILITY LOCATION/DESCRIPTION AND HISTORY

The property is located at 2000 Guinotte Avenue in Kansas City, Missouri (Figure 1). The facility's RCRA unit consists of three metal containment pans, approximately 5 feet (ft) wide by 21 ft long, with 6-inch side walls. The 105 square foot containment pans are located on asphalt pavement in the central area of the facility approximately 150 feet west of the main building (Figure 2). This facility is operated as an industrial chemical warehouse and distribution center. There are no manufacturing activities conducted at the facility. In addition, in the interest of chemical product stewardship and to fully serve its customers who purchase the industrial chemicals, VW&R offers hazardous waste handling services through a service called Chemcare. The facility does not utilize tanks or waste piles for the storage of hazardous wastes.

2.2 CLOSURE ACTIVITIES

The RCRA closure activities were conducted by BEI under the direction of VW&R on March 25, 26, and 27, 1996. The closure activities consisted of a thorough cleaning and decontamination of the unit, collection of Quality Assurance/Quality Control (QA/QC) samples, soil sampling, and documentation of activities. The specific methodology by which the closure activities were conducted consisted of the following tasks:

- Documented the condition of facility prior to closure activities;
- Mechanically cleaned the unit by scraping and sweeping;
- Decontaminated each pan of the unit by brushing with a cleaning solution, applying high pressure/high temperature washes and concluding with a triple rinses;
- Collected field blank QA/QC samples;
- Placed debris and cleaning fluids in 55-gallon drums that meet DOT specifications;
- Off-site disposal of the metal containment pans;
- Collected soil samples and submitted to laboratory for chemical analysis;
- Decontaminated closure equipment;
- Photographic documentation of all closure procedures; and
- Certified closure in accordance with closure plan.

Closure activities were conducted in accordance with all applicable Federal and State regulatory guidelines and Occupational Safety and Health Administration (OSHA) standards. A comprehensive site Health and Safety Plan (HASP) was prepared and utilized at the site during all closure activities. Prior to commencing closure activities at the unit, a health and safety (H&S) meeting was held at the site. Representatives from VW&R, BEI, and the contractor were present at the H&S meeting. The issues discussed at the H&S meeting included potential chemicals of concern, emergency procedures,

routes to the nearest hospital, and site H&S monitoring. The closure activities were conducted by a registered professional engineer licensed in the State of Missouri. Color photographs documenting closure activities are presented in Appendix A and are discussed in Section 3 below.

2.2.1 Condition of the RCRA Unit Prior to Closure Activities

Initial field screening with a photo-ionization detector (PID) was conducted prior to entering the unit's immediate vicinity. There were no volatile organic compound (VOC) vapors above background levels that could be detected by the PID. Background measurements collected with the PID indicated that the ambient atmospheric levels of VOCs near the unit were not detectable (0 parts per million [ppm]). The condition of each metal pan was recorded and photographed on March 25, 1996. With the exception of pan No. 3, no obvious pathways (cracks or holes) for potential contaminant migration to the surrounding areas were noted. The drain valve on pan No. 3 was missing. The three metal pans were stored upside down at the site when not in use to prevent filling during rain events. Overall, the three pans appeared to be in good condition with only minor surface rust apparent. Photograph 1 shows the condition of the pans prior to decontamination.

2.2.2 Decontamination of RCRA Unit

MDC Environmental Inc. (MDC) was subcontracted to provide decontamination and coring services for the closure activities. Mr. Jim Hooper of VW&R was onsite to witness the closure and decontamination activities. Decontamination was conducted on March 26, 1996.

Prior to initiating decontamination activities, a decontamination pad (Photograph 2) was built using black plastic sheeting and plastic piping. The pans were transported with a fork lift from the RCRA unit area to the decontamination pad (Photographs 1 and 5) for cleaning. Prior to transporting the pans, the proposed sample locations were located and marked with a small chisel in the asphalt. These sample locations were selected, in accordance with the approved closure plan, to be directly underneath the drain valve of each pan (Figure 3). Photograph 3 shows the location of the three pans and Photograph 4 shows a marked sample location under a pan drain valve.

Decontamination of each pan was accomplished by vigorously scraping with a metal scraper to remove surface rust and deposits (Photograph 6). A stiff broom was then used to vigorously sweep the pan and remove the scrapings (Photograph 7). After sweeping and disposing of the debris into a 55-gallon drum (Photographs 8, 9, and 10), the pans were sprayed with cold water and Alconox™ laboratory grade detergent was sprinkled over the pans. The pans were then scrubbed using a stiff bristle broom (Photograph 11)

to remove latent contaminants. A high temperature/high pressure (HT/HP) wash (Photograph 12) followed the scrubbing. The cleaning solution was picked up from the unit using a wet/dry vacuum and placed into a separate 55-gallon drum (Photograph 13). After the HT/HP wash, the pan was rinsed three times using the HT/HP equipment. A final rinse was then conducted using cold water only. All fluids were collected and placed into the 55-gallon drum described above, properly labeled, and sealed. After completion of the decontamination activities, the metal pans were loaded by forklift onto a flatbed truck for transport off site to a scrap metal processing facility for destruction (Photograph 14). A total of two drums were utilized to contain the solid debris and fluids generated during the decontamination process. The drums were placed in a secure site for later disposal by VW&R after receipt of analytical laboratory results. Sampling of the wash and rinse waters are discussed in Section 3 below.

Field screening of the breathing zone with the PID was performed throughout the decontamination activities at regular intervals to ensure a high level of health and safety for the decontamination work crew. Readings on the instrument never exceeded ambient background levels of 0 ppm. At no time were there any unusual odors noted during the closure activities.

2.2.3 Equipment Decontamination

All equipment utilized during the closure activities at the unit was decontaminated prior to leaving the site. Decontamination of equipment was accomplished by removing all loose debris, washing with a water/detergent solution, and then rinsing. Decontamination activities took place on a plastic decontamination pad constructed for the closure activities. Decontamination fluids generated during the equipment wash were placed into a 55-gallon drum with the fluids generated from the decontamination of the pans.

3.0 CLOSURE DOCUMENTATION

The following subsections describe and document the closure-generated waste handling, field sampling conducted, analytical methods and results, and the chain-of-custody procedures.

3.1 VOLUME OF WASTE AND WASTE RESIDUE REMOVED

A total of two 55-gallon drums of fluid and debris/sediment waste were generated during the closure decontamination activities. Sediment waste and rust removed from the surface of the pans comprised a small percentage of the waste and was placed in one of the two drums (Photograph 15). The majority of the waste, approximately 30 gallons, was fluid generated during the wash/rinse decontamination and was placed in a separate 55-gallon drum (Photograph 16).

3.2 METHOD OF WASTE HANDLING AND TRANSPORT

The drums containing the wastes generated during the closure activities will remain at the site under the custody of VW&R. They will be disposed of in accordance with applicable guidelines at a properly permitted facility upon receipt of the analytical results from a sample of the fluid.

3.3 FIELD SAMPLING, ANALYTICAL METHODS, AND RESULTS

Soil sampling at the site was conducted on March 27, 1996. Samples collected during the field activities at the unit were properly labeled with the time of collection, analytical methods requested, sample identification, and the sampler's initials. Immediately after collection, the samples were placed into a cooler containing ice. The cooler was hand delivered to the project laboratory the day after collection. The analytical laboratory contracted to analyze the samples was National Environmental Testing (NET), Inc. of Bartlett, Illinois. A properly filled out chain-of-custody form was included in the cooler accompanying the samples to document custody of the samples.

A representative from the MDNR was on site during the field sampling activities to collect split samples and to witness the collection of closure samples. The MDNR representative provided their own sample containers for the collection of split samples. BEI assisted the MDNR with the collection of these samples.

3.3.1 Field Sampling Methods

Numerous soil and two water samples were collected during the closure activities at the unit. The water samples were collected to document the condition of the equipment used for the sampling process, and characterize the fluid wastewater generated during decontamination of the unit.

The remaining samples consisted of soil samples collected from seven soil borings, a sediment sample from the storm sewer drain, and a replicate soil sample. One soil boring was advanced at the location of each of the three pans below their respective drain valves, and three shallow soil borings were advanced at locations intended to represent background conditions. The seventh soil boring was advanced surficially downgradient from the RCRA storage area, near and upgradient from a storm sewer drain. A trip blank prepared by the analytical laboratory was also included with the samples. The purpose of the trip blank is to document the possibility of contamination of field samples and containers during transport to and from the laboratory.

At each soil sample location, 6-inch long brass sleeves were filled by driving them into the undisturbed soil using a slide hammer sample barrel. Each sleeve was immediately sealed and given a separate sample identification. By utilizing this sampling method, the soil samples were collected and transported in the same container and were not exposed to the atmosphere, and associated loss of VOCs. A second sample was gathered at each location with the slide hammer sample barrel, transferred into a wide-mouth glass jar, then labeled. The soil in the brass sleeve at each specific soil sample location was analyzed for VOCs, and the sample in the glass jar at each similar location was analyzed for semi-volatile organic compounds (SVOCs), cyanide, pH, and the eight RCRA total metals. An 8-inch diameter motor driven auger was utilized to advance the soil borings to 6" and 36" depths (Photograph 17). The 8-inch diameter auger created a borehole with sufficient space for the collection of multiple sample tubes at the same depth to assure sufficient sample material for laboratory analyses of all parameters (Photograph 18). Sample depths were measured from the top of the soil beneath the asphalt/concrete at each location. A concrete coring device was utilized to core through the asphalt/concrete at the sample locations (Photograph 19). Specific details of the various sample collection activities are provided below. Field Sampling Logs are included in Appendix B.

A. Field Blank and Drum Sample Collection

The field blank (FB) QA/QC sample was collected to document the clean condition of the decontamination equipment prior to utilizing the equipment at the site. Each group of analyzed parameters was given a separate sample identification (ID) with the exception of the SVOC and pH analyses, which were combined into one sample bottle (the field blank sample containers were labeled as VWKC-FB01 through VWKC-FB04 and are identified in the summary table as FB). The field blank sample was collected by pouring distilled

water into the slide hammer sample barrel. The water was then poured carefully from the sample barrel and into the sample containers. The sample containers consisted of two 40 milliliter (mL) vials preserved with hydrochloric acid, one amber 1 liter (l) glass bottle, one 250 mL amber glass bottle preserved with sodium hydroxide, and one 250 mL plastic bottle preserved with nitric acid. The field blank samples were properly labeled and placed into a cooler containing ice until delivered to the laboratory for chemical analysis.

A sample of the decontamination fluids which were placed in the 55-gallon drum was collected to characterize the fluids for later disposal by VW&R. The sample was collected by using a clean container to transfer fluid from the drum to a one gallon plastic sample container. This sample was labeled Sample VWKC-DS, as identified as the Wash Water sample in the summary tables, and submitted to NET for analysis. VW&R will dispose of the wastes from the decontamination activities at a properly permitted facility based on the analytical results of sampling.

B. Background Soil Sampling

A total of three background soil samples were collected from separate locations at the site to document the background lead conditions in the soil, as specified in the closure plan. A clean shovel was used to remove the top 6-inches of soil, then to collect the sample at a 6" depth, from each location. The sample was contained in wide-mouth glass jars, labeled and placed into a cooler containing ice for delivery to the laboratory. All equipment utilized in the collection of soil samples was fully decontaminated prior to collection of each sample. Figure 3 shows the locations of the background soil borings.

C. RCRA Storage Unit Soil Sampling

A total of nine soil samples were collected to document the conditions of the soil at and near the vicinity of the three metal storage pans. Two samples were collected from each of four soil boring locations in the area. Consistent with the closure plan, three of the soil borings (sampling locations 1 through 3, Figure 3) were located directly under the drain valve at each pan. At each boring, the two samples were collected at depths of 6 inches and 36 inches below the bottom of the asphalt. One additional soil sample was collected as a blind replicate of the sample collected at pan number three at the 36-inch depth. The purpose of a blind replicate sample is to provide a QA/QC check on the laboratory analyses by comparing the analytical results of the two samples collected from the same location (within several inches) and submitted as two separate samples. However, unlike water samples, soils are not always of uniform, homogenous consistency and therefore soil replicate sample analytical results generally do not compare as closely as water replicate samples. The fourth soil boring, SB-4, was advanced near the storm sewer drain in a surficially upgradient location to the storm sewer drain. The location of each boring is shown in Figure 3.

The boring was advanced with the two-man auger to the predetermined sampling depth and loose sediment at the bottom of the soil boring was removed with a clean post hole digger prior to collection of samples to minimize collection of soil disturbed by the auger (Photograph 22). The depths at each sample location were carefully measured (Photograph 23). The slide hammer sample device, described in Section 3.3.1 above, was then utilized to directly collect the soil sample at each of the sampling locations (Photograph 21). At each sample depth, a 6-inch long brass sample sleeve, located inside the stainless steel sample barrel at the end of the slide hammer device, was advanced with the slide hammer in order to gather sufficient quantity of soil for VOC analysis. The second sample, previously mentioned, was gathered by advancing the stainless steel barrel without a brass sleeve inserted, and transferring the soil into the wide-mouth glass jar. This sample was analyzed for SVOCs, pH, cyanide, and total metals. Each sample was given a separate identification with the sample ID containing an "A" at the end for VOC analyses, and the sample ID containing a "B" at the end for analyses of the remaining parameters. All equipment used to collect soil samples was fully decontaminated prior to collecting each sample (Photograph 24). Figure 3 shows the RCRA storage unit soil sampling locations.

D. Sewer Storm Drain Sediment Sampling

Photograph 25 shows the drain grate being removed to allow access for sampling the storm drain sediments. A clean steel shovel was utilized to collect the sediment sample from the storm drain. The sample was collected from the top of the sediment to a depth of approximately 6-inches from the bottom of the storm drain. The soil was then packed into a wide-mouth glass jar (Photograph 26), sealed, labeled, and placed into a cooler with ice. All equipment used to collect sediment samples was fully decontaminated prior to sampling. Figure 3 identifies the sediment sample location.

3.3.2 Chain of Custody Documentation

The BEI representative maintained custody of the samples until delivery to NET laboratories. A chain-of-custody (COC) form was used to document the transfer of the samples from the BEI representative to the project laboratory. The COC form was filled out by the BEI representative at the time of sample collection. After all samples had been collected, the COC was double checked against the number and types of sample containers, signed, and enclosed with the samples in the cooler. The cooler containing the samples, ice, and the COC form was then sealed and hand-delivered by the BEI representative to NET laboratory the next day. NET technicians checked the conditions of the samples and temperature of the container for QC verification of the samples, and noted the conditions on the COC form.

The following information was included on the COC form:

- Client and project name;
- Project laboratory;
- Sampler and project manager responsible for data receipt;
- Sample identification and location;
- Date and time sampled;
- Sample type (grab or composite);
- Sample matrix;
- Sample preservative;
- Number of sample containers;
- Sample analyses requested;
- Special remarks/instructions; and
- Signatures of individuals involved in the transfer of the samples and the date and time of possession.

3.3.3 Laboratory Analytical Methods

All laboratory analyses were performed by NET in Bartlett, Illinois. NET has a rigorous QA/QC program audited by the USEPA. In addition, NET has a program for evaluating double-blind performance evaluation (PE) samples on a quarterly basis as part of their internal testing program. As well as internal PEs, NET evaluates its performance on external samples from public certifying agencies such as the Illinois EPA, USEPA, USEPA Contract Laboratory Program, various state agencies, local municipalities for NPDES permitting, and various "round-robin" performance samples for private certifications.

Laboratory analytical methods were conducted in accordance with "Test Methods for Evaluating Solid Wastes, Third Edition" (SW-846). VOC samples were analyzed by Method 8240 as specified in SW-846. Samples submitted for SVOC parameters were analyzed by Method 8270 from SW-846. The eight RCRA metals consisting of arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver were analyzed using various SW-846 series 6000 and 7000 methods. Cyanide and pH were analyzed according to SW-846 Methods 9010 and 9040, respectively. Table 1 is a list of the VOC, SVOC, metals, pH, and cyanide parameters submitted for sample analysis along with a list of the analytical methods employed.

The laboratory was instructed to show a detection limit at least as low as the Practical Quantitation Limit (PQL) for each parameter as stated in the Third Edition of SW-846. Sample PQLs are the lowest concentrations of analytes that can be reliably determined within specified limits of precision and accuracy by the indicated methods under routine laboratory operating conditions. However, PQLs are highly matrix-dependent, and are provided as guidance, and may not always be achievable.

3.3.4 Certified Destruction of Waste Storage Pans

After decontamination of the unit's hazardous waste storage pans, the pans were loaded onto a flatbed truck and transported to the Mallin Brothers scrap metal facility where they were accepted for future destruction. The loading and transport of the pans was certified by the on site Professional Engineer (P.E.). A letter Certificate of Transport was signed by the receiving facility (Mallin Brothers), witnessed by VW&R representative Terry R. Brand, and certified by Samuel J. Senn, P.E., of BEI. The letter certificate is included as Appendix C.

3.4 CHRONOLOGICAL SUMMARY OF CLOSURE ACTIVITIES

This section contains a brief chronological summary of closure activities conducted at this site. Initial preparations for site closure began in December 1995. Approval to proceed with the closure plan was granted at the end of December 1995. The following list briefly details the chronology of events upon gaining approval to proceed.

December 1995
- Approval of closure plan by MDNR.
- Health and Safety Plan prepared.

January to March 1996
- Closure activities prepared and scheduled.
- MDNR notified of field activities and schedule.

March 1996
- Site meeting, reconnaissance.
- Decontamination activities.
- Soil and sediment sampling.
- Closure activities completed.

April 1996
- Analytical data received from laboratory.
- Assessment and review of analytical data.
- Draft Closure Report Preparation initiated.

May to June 1996
- Final Closure Report Prepared.
- Submittal to MDNR.

3.5 ANALYTICAL RESULTS

3.5.1 Summary of Analytical Results

A total of 28 individual samples (including the trip blank) were submitted to NET for chemical analysis during the closure activities. All of the samples, except for the trip blank (TB), background soil samples, and wash water sample, were analyzed for the eight RCRA metals (total metals), SVOCs, VOCs, pH, and cyanide. The TB and wash water samples were analyzed for VOCs. The background samples were analyzed for lead. Table 1 lists the individual parameters analyzed, and Table 2 through Table 6 contain summaries of the analytical results. The COC documentation and analytical report prepared by NET are included as Appendix D.

The analytical data from the 6-inch depth soil samples collected from the four soil borings completed in and near the unit indicate that detectable concentrations of VOCs and SVOCs were present in each sample (Table 2). In addition, there were detectable concentrations of the total metals and cyanide analyzed in the 6-inch depth samples; however, some of these parameters are naturally occurring in soil materials at various concentrations. The pH ranged from 7.76 to 8.6 standard units (S.U.).

The analytical data from the 36-inch depth soil samples collected from the four soil borings completed in and near the unit indicate that detectable concentrations of VOCs were also present in each of the samples (Table 3). Detectable concentrations of SVOCs are present in one of the 36-inch depth soil samples. There were also detectable concentrations of the total metals, and one cyanide detection noted in the 36-inch depth samples. The pH ranged from 7.74 to 8.35 S.U. In general, the VOC and SVOC concentrations decrease by approximately an order of magnitude between the upper 6-inch soil samples and lower 36-inch soil samples (Tables 2 and 3).

The storm sewer drain sediment sample data, presented in Table 4, indicate that only one VOC (chloroform) was detected in the sediment, and SVOCs and five of the eight total metals were detected. Cyanide was not detected, and the pH was reported at 9.16 S.U.

Table 5 presents the background soil lead concentrations detected in the soil samples. Background lead concentrations ranged from 155 to 280 milligrams per kilogram (mg/Kg, or ppm).

The QA/QC water samples and wash water analytical result summaries are provided in Table 6. The field blank contained detectable concentrations of two VOCs and did not contain detectable concentrations of any SVOCs, cyanide, or total metals. The two VOCs detected in the field blank (chloroform and dichlorobromomethane) are commonly found in municipal water supplies (trihalomethanes) and appear to be associated with the

chlorine processes commonly used at municipal water treatment plants. The municipal water supply was used as the source for the unit wash and rinse water. The trip blank sample and drummed wash water sample contained detectable concentrations of two and three VOCs, respectively.

The QA/QC soil replicate sample analytical data is summarized in Table 3 along with the original replicated sample (03-36A). The original sample contained detectable concentrations of four VOCs while the replicate sample contained detectable concentrations of the same four VOCs plus one additional VOC.

4.0 CERTIFICATION

I hereby certify that this engineering document was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Missouri.

Name: Samuel J. Senn, P.E.

Signature: Samuel J. Senn Date: 6-5-96

Reg. No. E-24894

STATE OF MISSOURI
SAMUEL J. SENN
NUMBER E-24894
REGISTERED PROFESSIONAL ENGINEER

My registration expires December 31, 1996

Van Waters & Rogers Inc. Certification
(40 CFR Part 270.11)

I hereby certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, 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.

Name: Terry H. Irvine

Title: Vice President, Midwest Region

Signature: T. H. Irvine Date: 6-14-96

TABLES

Table 1

List of Analytical Methods and Compounds for Sampling

VAN WATERS & ROGERS INC.

2000 Guinette Avenue
Kansas City, Missouri

VOLATILE ORGANIC COMPOUNDS (VOCs) USEPA METHOD 8240	
Acetone	trans-1,2-Dichloroethene
Acrolein	1,2-Dichloropropane
Acrylonitrile	cis-1,3-Dichloropropene
Benzene	trans-1,3-Dichloropropene
Bromoform	Ethylbenzene
Bromomethane	2-Hexanone
Carbon Disulfide	Methyl Ethyl Ketone
Carbon tetrachloride	4-Methyl-2-Pentanone
Chlorobenzene	Methylene Chloride
2-Chloroethylvinyl Ether	Styrene
Chlorodibromomethane	1,1,2,2-Tetrachloroethane
Chloroethane	Tetrachloroethene
Chloroform	Toluene
Chloromethane	1,1,1-Trichloroethane
Dichlorobromomethane	1,1,2-Trichloroethane
1,2-Dichlorobenzene	Trichloroethene
1,3-Dichlorobenzene	Trichlorofluoromethane
1,4-Dichlorobenzene	Vinyl chloride
1,1-Dichlorethane	o-Xylene
1,2-Dichloroethane	m,p-Xylenes
1,1-Dichloroethene	Xylenes (total)
cis-1,2-Dichloroethene	

OTHER PARAMETERS	
METHOD	**RCRA METALS**
7060	Arsenic
6010	Barium
6010	Cadmium
6010	Chromium
6010	Lead
7471	Mercury
7740	Selenium
7760	Silver
9040	**pH**
9010	**Cyanide**

Table 1 (continued)

List of Analytical Methods and Compounds for Sampling

VAN WATERS & ROGERS INC.

2000 Guinette Avenue

Kansas City, Missouri

SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs) USEPA METHOD 8270	
Acenaphthene	Fluoranthene
Acenaphthylene	Fluorene
Anthracene	Hexachlorobenzene
Benzidine	Hexachlorobutadiene
Benzo(a)anthracene	Hexachlorocyclopentadiene
Benzo(b)fluoranthene	Hexachloroethane
Benzo(k)fluoranthene	Indeno(1,2,3-cd)pyrene
Benzo(g,h,i)perylene	Isophorone
Benzo(a)pyrene	4-Chloro-3-methylphenol
Benzyl butyl phthalate	2-Chlorophenol
Bis(2-chloroethoxy)methane	2,4-Dichlorophenol
Bis(2-chloroethyl)ether	2,4-Dimethylphenol
Bis(2-chloroisopropyl)ether	2,4-Dinitrophenol
Bis(2-ethylhexyl)phthalate	2-Methyl-4,6-dinitrophenol
4-Bromophenyl phenyl ether	Naphthalene
2-Chloronaphthalene	Nitrobenzene
4-Chlorophenyl phenyl ether	N-Nitrosodimethylamine
Chrysene	N-Nitrosodi-n-propylamine
Dibenzo(a,h,)anthracene	N-Nitrosodiphenylamine
Di-n-butyl phthalate	Phenanthrene
1,2-Dichlorobenzene	Pyrene
1,3-Dichlorobenzene	2-Nitrophenol
1,4-Dichlorobenzene	4-Nitrophenol
3,3'-Dichlorobenzidene	Pentachlorophenol
Diethyl phthalate	Phenol
Dimethyl phthalate	2,4,6-Trichlorophenol
2,4-Dinitrotoluene	1,2,4-Trichlorobenzene
2,6-Dinitrotoluene	
Di-n-octyl phthalate	

Table 2

Soil Sample Analytical Results Summary 6-Inch Depth
VAN WATERS & ROGERS INC.
2000 Guinette Avenue
Kansas City, MO

Compound	Sample Number ID/Concentration (milligrams/kilogram)			
VOC's	**01-6A**	**02-6A**	**03-6A**	**04-6A**
1,1-Dichloroethane	**0.170**	**0.170**	**0.240**	**0.0096**
1,1-Dichloroethene	**0.120**	**0.220**	**0.180**	<0.005
cis-1,2-Dichloroethene	**0.083**	**1.900**	**0.530**	**0.012**
trans-1,2-Dichloroethene	**0.0067**	<0.050	<0.050	<0.005
Tetrachloroethene	<0.005	**0.087**	<0.050	<0.005
1,1,1-Trichloroethane	**0.310**	**5.400**	**0.520**	**0.0056**
1,1,2-Trichloroethane	<0.005	**0.200**	<0.050	<0.005
Trichloroethene	**9.700**	**82.0**	**23.0**	**0.093**
Totals	**10.39**	**89.98**	**24.27**	**0.12**
SVOC's	**01-6B**	**02-6B**	**03-6B**	**04-6B**
Benzo(a)anthracene	<3.300	**3.8**	**0.610**	<0.330
Benzo(b)fluoranthene	**3.4**	**3.8**	**0.570**	**0.380**
Benzo(k)fluoranthene	<3.300	**3.6**	**0.400**	<0.330
Benzo(a)pyrene	<3.300	**3.5**	**0.430**	<0.330
Chrysene	<3.300	**4.2**	**0.630**	<0.330
Fluoranthene	**7.3**	**8.6**	**1.3**	**0.580**
Phenanthrene	**6.1**	**3.7**	**0.780**	<0.330
Pyrene	**5.3**	**5.4**	**1.0**	**0.450**
Totals	**22.1**	**36.6**	**5.720**	**1.410**
	Sample Number ID/Concentration (milligrams/kilogram unless noted)			
CYANIDE, pH, TOTAL METALS	**01-6B**	**02-6B**	**03-6B**	**04-6B**
Cyanide, total	0.27	0.17	0.40	<0.10
pH, Non aqueous (S.U.)	7.76	8.31	8.60	8.60
Solids, Total (percent)	83.4	90.2	91.3	85.6
Arsenic, GFAA	12	1.3	2.1	9.1
Barium, ICP	450	68	141	188
Cadmium, ICP	1.54	<0.58	<0.55	1.48
Chromium, ICP	55	4.68	7.82	30
Lead, ICP	521	51	118	173
Mercury, CVAA	0.06	<0.03	<0.03	0.06
Selenium, GFAA	<0.60	<0.60	<0.60	<0.60
Silver, AA	<2.4	5.1	5.6	<2.4

Sample ID consists of boring number (01, 02, etc.) followed by depth in inches.

All concentrations in milligrams per kilogram (mg/Kg) or parts per million (ppm). Samples collected on March 27, 1996.

VOC and SVOC detections highlighted in bold type.

For the 8240-VOCs and 8270-SVOCs, only those compounds detected in one or more samples are shown. Entire 8240/8270 lists analyzed.

Table 3

Soil Sample Analytical Results Summary 36-Inch Depth

VAN WATERS & ROGERS INC.

2000 Guinette Avenue

Kansas City, MO

Compound	Sample Number ID/Concentration (milligrams/kilogram)				
VOCs	**01-36A**	**02-36A**	**03-36A**	**03-36A replicate**	**04-36A**
1,1-Dichloroethane	**0.031**	**0.100**	**0.120**	**0.046**	**0.0084**
1,1-Dichloroethene	**0.019**	<0.050	<0.050	**0.026**	<0.005
cis-1,2-Dichloroethene	**0.130**	**1.3**	**0.990**	**0.095**	**0.022**
1,1,1-Trichloroethane	**0.040**	**0.960**	**0.280**	**0.045**	**0.0088**
1,1,2-Trichloroethane	<0.005	**0.120**	<0.050	<0.005	<0.005
Trichloroethene	**1.7**	**7.6**	**4.0**	**0.240**	**0.078**
Totals	**1.920**	**10.08**	**5.390**	**0.452**	**0.117**
SVOC's	**01-36B**	**02-36B**	**03-36B**	**03-36A replicate**	**04-36B**
Bis (2-ethylhexyl)phthalate	<0.330	**0.420**	<0.330	NA	<0.330
Diethyl phthalate	<0.330	**0.360**	<0.330	NA	<0.330
Fluoranthene	<0.330	**0.350**	<0.330	NA	<0.330
Totals	<0.330	**1.130**	<0.330		<0.330
	Sample Number ID/Concentration (milligrams/kilogram unless noted)				
CYANIDE, pH, TOTAL METALS	**01-36B**	**02-36B**	**03-36B**	**03-36A replicate**	**04-36B**
Cyanide, total	<0.10	0.17	<0.10	NA	<0.10
pH, Non aqueous (S.U.)	8.17	8.11	8.35	NA	7.74
Solids, Total (percent)	81.8	80.2	79.0	NA	78.2
Arsenic, GFAA	1.9	2.5	3.3	NA	1.9 M+
Barium, ICP	200	193	178	NA	204
Cadmium, ICP	0.67	<0.65	<0.64	NA	0.80
Chromium, ICP	6.96	8.90	9.67	NA	8.05
Lead, ICP	16	246	16	NA	18
Mercury, CVAA	<0.03	0.05	<0.03	NA	<0.03
Selenium, GFAA	<0.60	<0.60	<0.60	NA	<0.60
Silver, AA	<2.5	<2.5	<2.5	NA	<2.5

Sample ID consists of boring number (01, 02, etc.) followed by depth in inches.

All concentrations in milligrams per kilogram (mg/Kg) or parts per million (ppm). Samples collected on March 27, 1996.

VOC and SVOC detections highlighted in bold type.

For the 8240-VOCs and 8270-SVOCs, only those compounds detected in one or more samples are shown. Entire 8240/8270 lists analyzed.

NA - indicated parameters not analyzed.

M+ - Analyte quantified by MSA due to low spike recovery.

Table 4

Storm Drain Sediment Sample Analytical Results
VAN WATERS & ROGERS INC.
2000 Guinette Avenue
Kansas City, MO

Compound	Sample Number ID/Concentration (milligrams/kilogram)
VOC's	**05A-SS**
Chloroform	**0.090**
Total	**0.090**
SVOC's	**05B-SS**
Anthracene	**14.0**
Benzo(a)anthracene	**51.0**
Benzo(b)fluoranthene	**46.0**
Benzo(k)fluoranthene	**28.0**
Benzo(g,h,i)perylene	**29.0**
Benzo(a)pyrene	**41.0**
Chrysene	**48.0**
Dibenzo(a,h)anthracene	**14.0**
Fluoranthene	**81.0**
Indeno(1,2,3-cd)pyrene	**28.0**
Phenanthrene	**55.0**
Pyrene	**72.0**
Total	**507.**
CYANIDE, pH, TOTAL METALS	**Sample Number ID/Concentration (milligrams/kilogram unless noted)**
	05B-SS
Cyanide, total	<0.10
pH, Non aqueous (S.U.)	9.16
Solids, Total (percent)	71.8
Arsenic, GFAA	6.5
Barium, ICP	76
Cadmium, ICP	0.944
Chromium, ICP	17
Lead, ICP	77
Mercury, CVAA	<0.03
Selenium, GFAA	<0.60
Silver, AA	<2.8

All concentrations in milligrams per kilogram (mg/Kg) or parts per million (ppm).
Sample collected on March 27, 1996.
VOC and SVOC detections highlighted in bold type.
For the 8240-VOCs and 8270-SVOCs, only those compounds detected in one or more samples are shown. Entire 8240/8270 lists analyzed.

Table 5

Lead Background Soil Sampling Analytical Results 6-Inch Depth
Summary of March 27, 1996 Analytical Results
VAN WATERS & ROGERS INC.
2000 Guinette Avenue
Kansas City, MO

Compound	Sample Number ID/Concentration (milligrams/kilogram)		
	06	07	08
Lead	155	172	280

All concentrations in milligrams per kilogram (mg/Kg) or parts per million (ppm).
Samples collected on March 27, 1996.

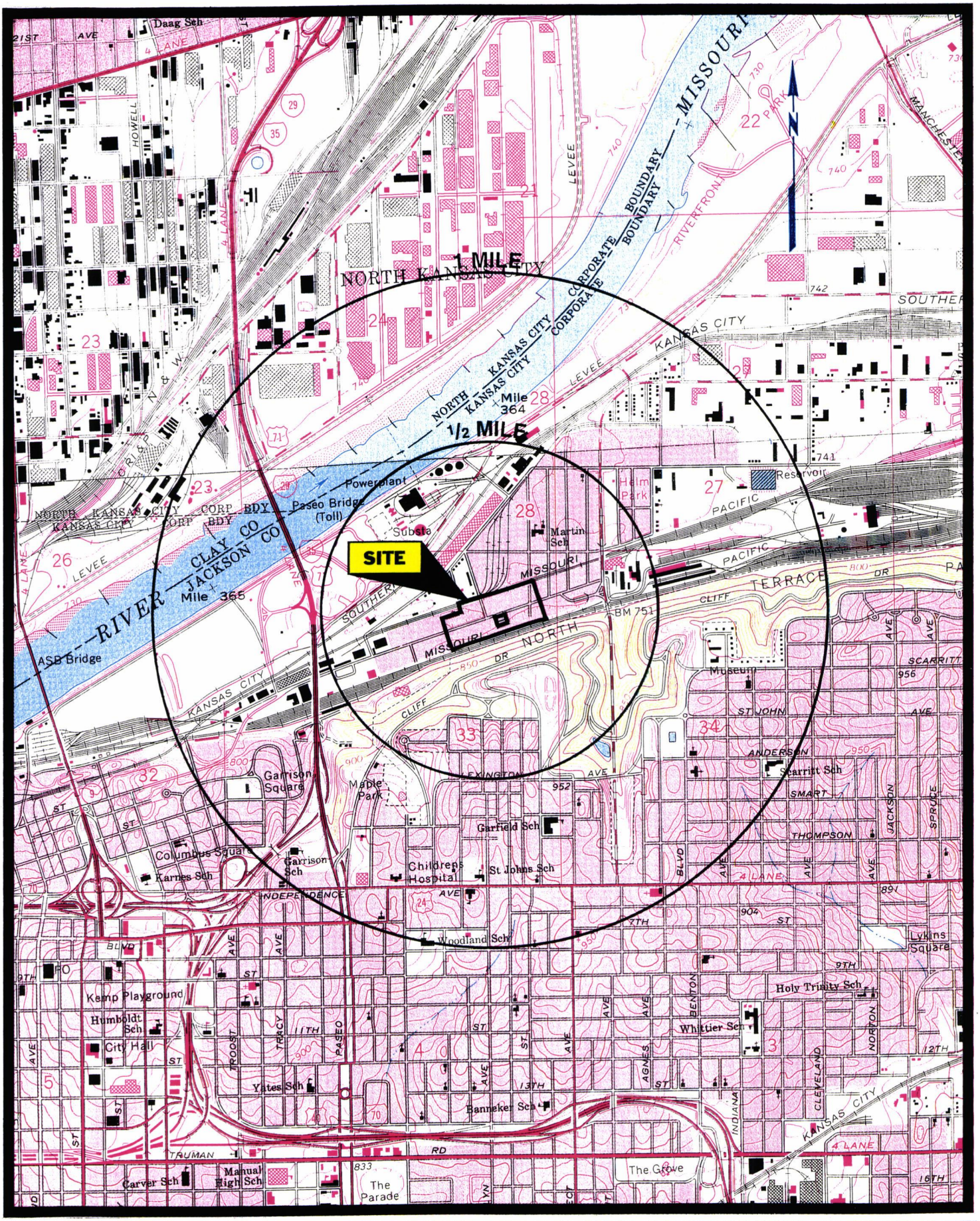
Table 6

QA/QC Samples/Wash Water Sample Analytical Results Summary
VAN WATERS & ROGERS INC.
2000 Guinette Avenue
Kansas City, MO

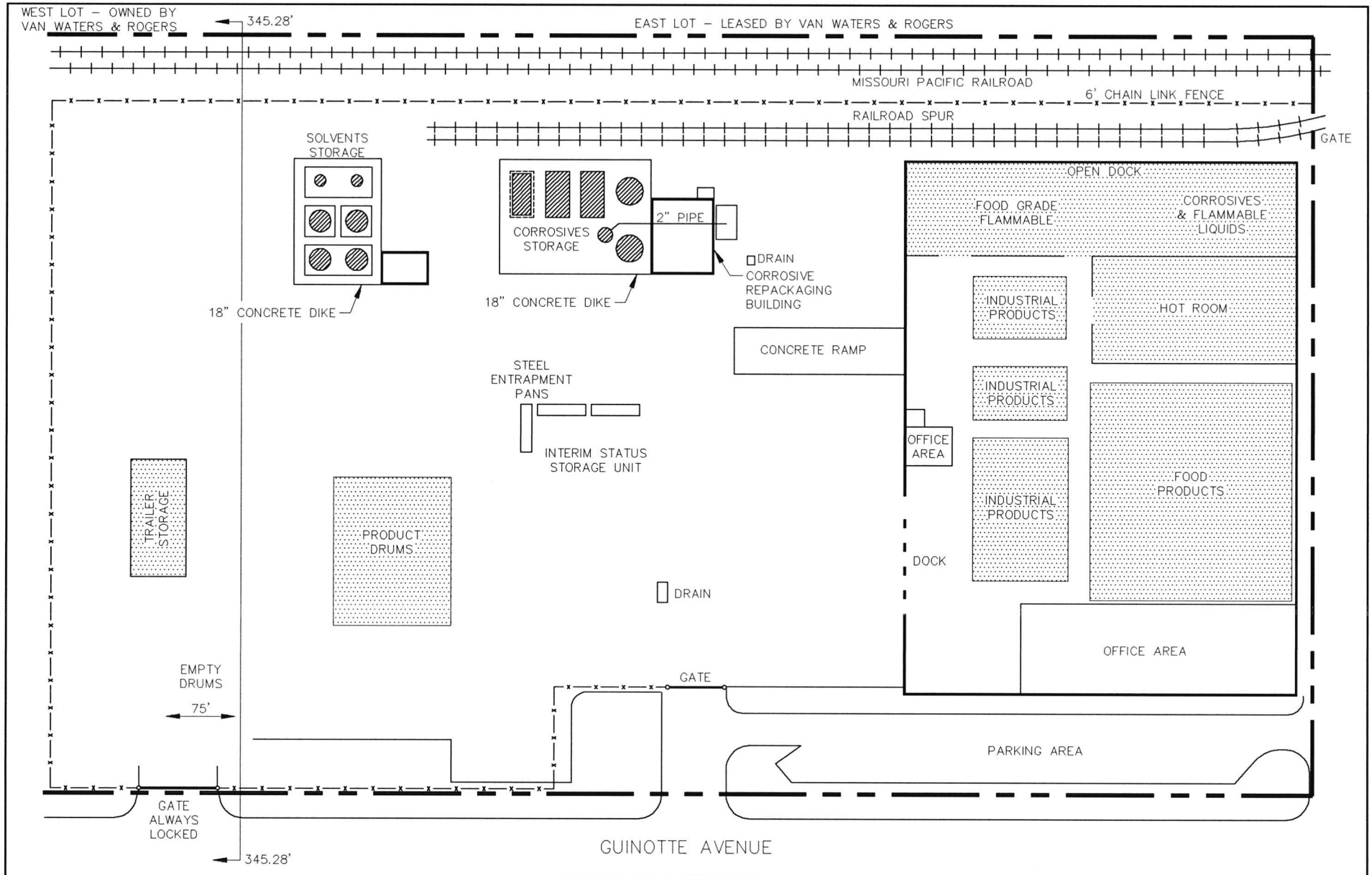
Compound	Sample Number ID/Concentration (milligrams/liter)		
VOC's	**FB**	**Trip Blank**	**Wash Water**
Chloroform	**0.013**	**0.032**	<0.001
cis-1,2-Dichloroethane	<0.001	<0.001	**0.0019**
Dichlorobromomethane	**0.0038**	<0.001	<0.001
Methyl Ethyl Ketone	<0.020	**0.032**	<0.020
1,1,1-Trichloroethane	<0.001	<0.001	**0.0045**
Trichloroethene	<0.001	<0.001	**0.038**
Totals	**0.0168**	**0.064**	**0.0444**
SVOC's	**FB**	NA	NA
No Detections			
CYANIDE, TOTAL METALS	**FB**	NA	NA
No Detections			

FB = field blank sample.
All concentrations in milligrams per liter (mg/L) or parts per million (ppm).
VOC detections highlighted in bold type.
For the 8240-VOCs and 8270-SVOCs, only those compounds detected in one or more samples are shown. Entire 8240/8270 lists analyzed

FIGURES



Project: 0130 File:vrwslm3.xls Date: 4/15/96	Prepared by: JDK Company: Bascor Environmental, Inc.	**SITE LOCATION MAP** **VanWaters and Roger's Chemical Distribution Facility** **2000 Guinotte Avenue, Kansas City, Missouri**	**Figure 1**



LEGEND

- BUILDING
- SOLVENTS/CORROSIVES STORAGE TANK
- STORAGE AREA

N

0 30 60

APPROX. SCALE: 1"=60'

BASCOR Environmental, Inc.
consulting engineers and scientists

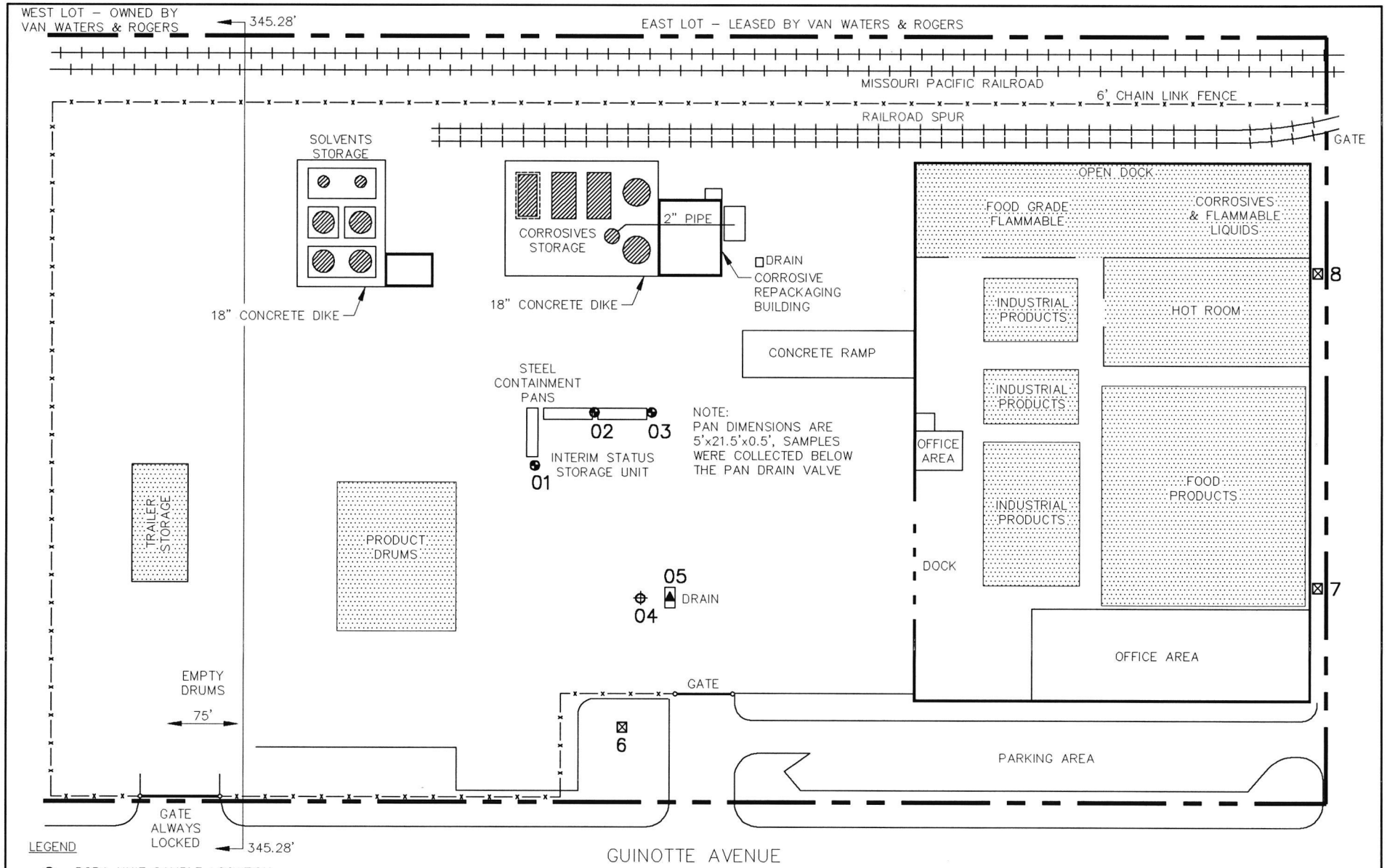
800 W. Central Road
Suite 104N
Mt. Prospect, Illinois 60056
(708) 577-1980

VAN WATERS & ROGERS, INC.
KANSAS CITY, MISSOURI

FACILITY MAP

DRAWN	CHECKED	APPROVED	DATE
S.WHITNEY	D.KNIGHT	R.SENN	5-1-96

FILENAME: D:\DWGS\VW96130\BASEMAP.DWG
REFERENCE FILES: NONE
FIGURE 2



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800 W. Central Road
Suite 104N
Mt. Prospect, Illinois 60056
(708) 577-1980

VAN WATERS & ROGERS, INC.
KANSAS CITY, MISSOURI

SAMPLING LOCATION MAP

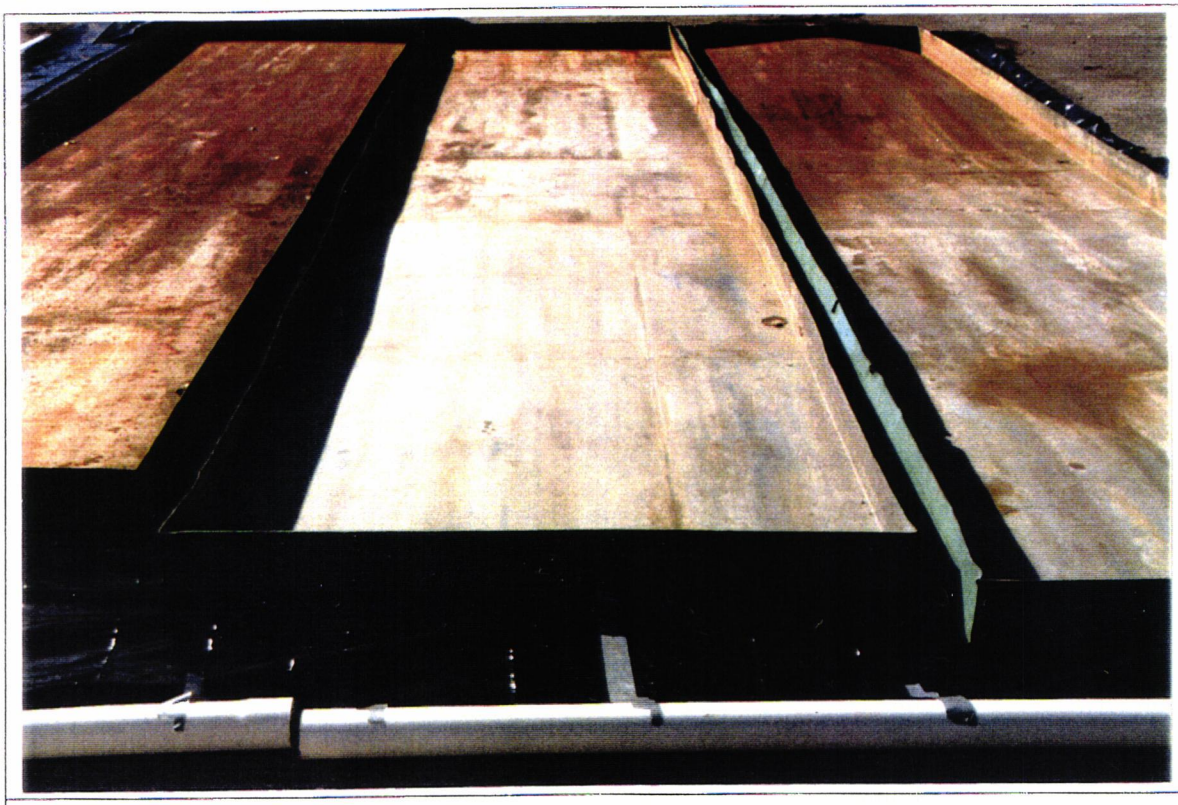
DRAWN	CHECKED	APPROVED	DATE
S.WHITNEY	D.KNIGHT	R.SENN	5-21-96

FILENAME: D:\DWGS\VW96130\SLOCMAP3.DWG
REFERENCE FILES: NONE
FIGURE 3

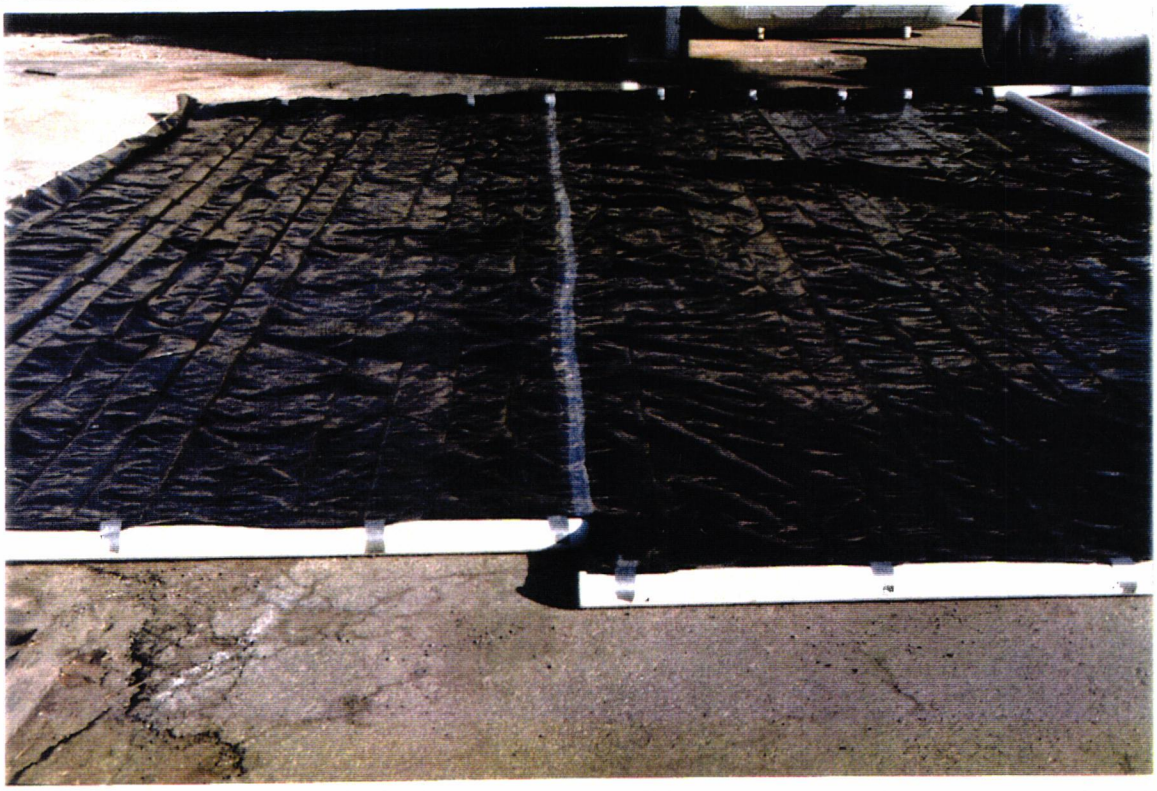
APPENDICES

APPENDIX
A

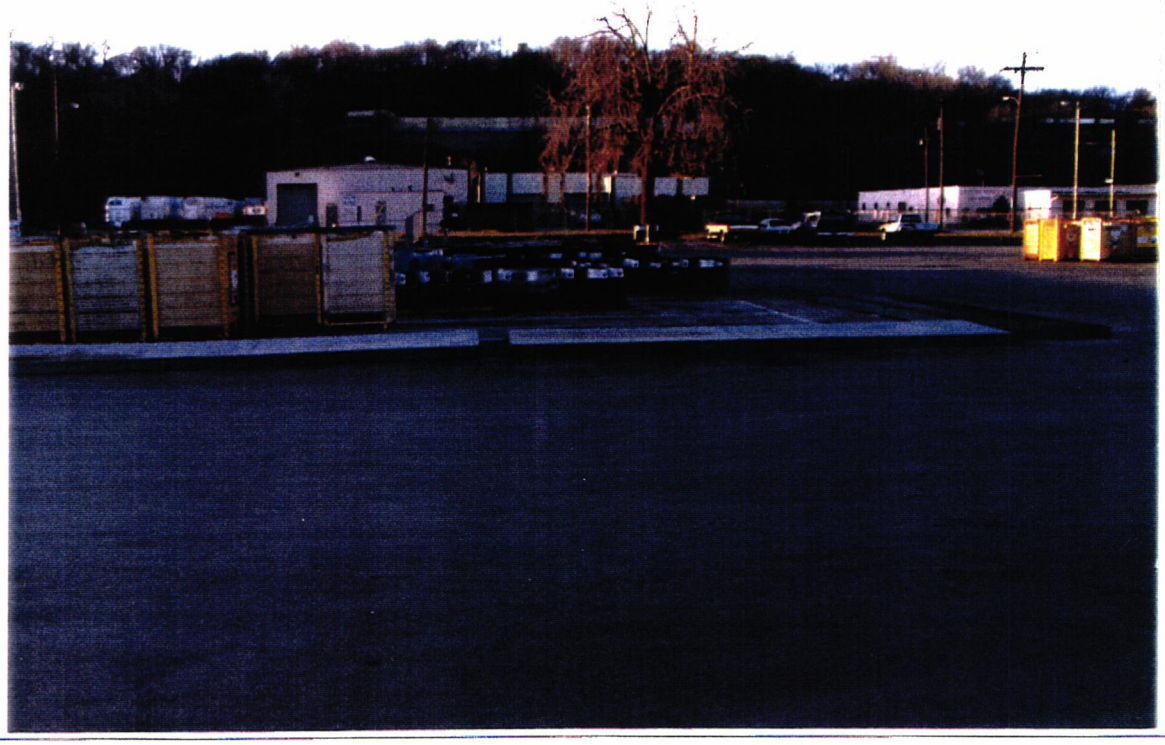
Color Photographic Documentation



Photograph 1. Photo showing condition of metal storage pans prior to decontamination at the site. Photo Taken by SJS on March 26, 1996. VW&R, Kansas City, Missouri.

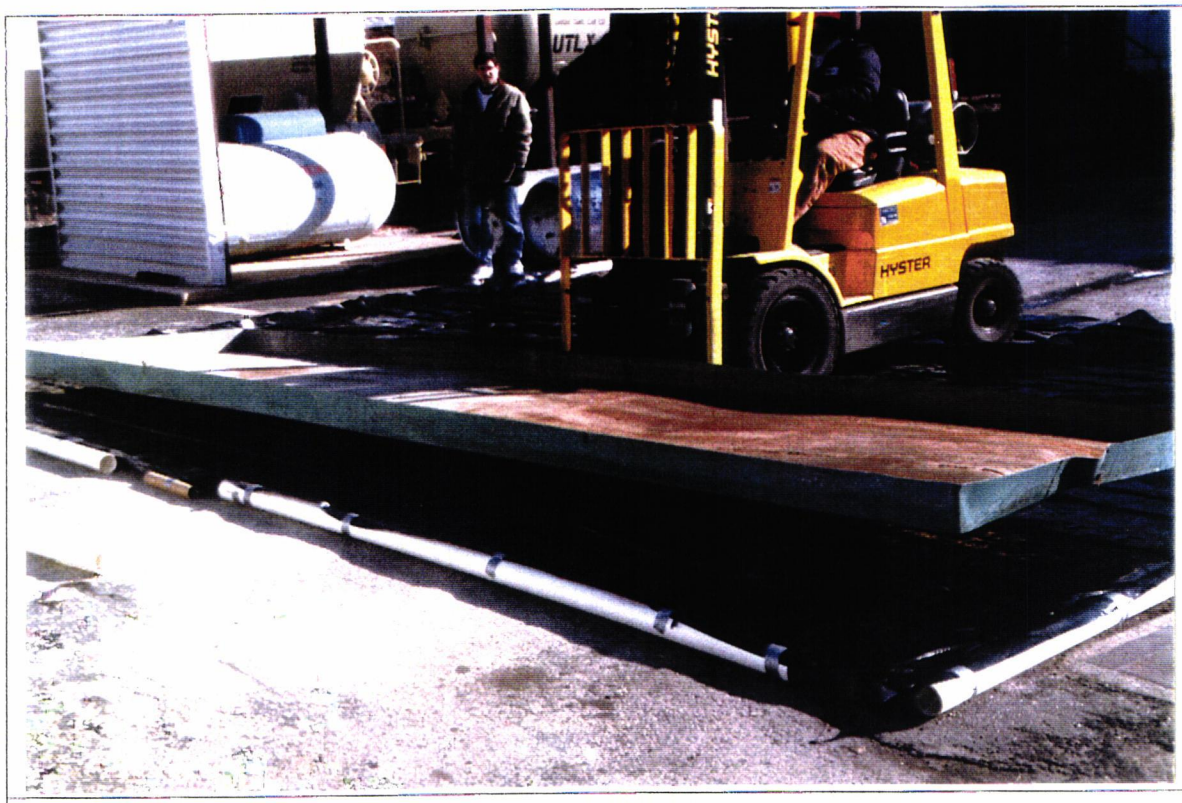


Photograph 2. Photo showing decontamination pad construction. Photo Taken by SJS on March 26, 1996. VW&R, Kansas City, Missouri.



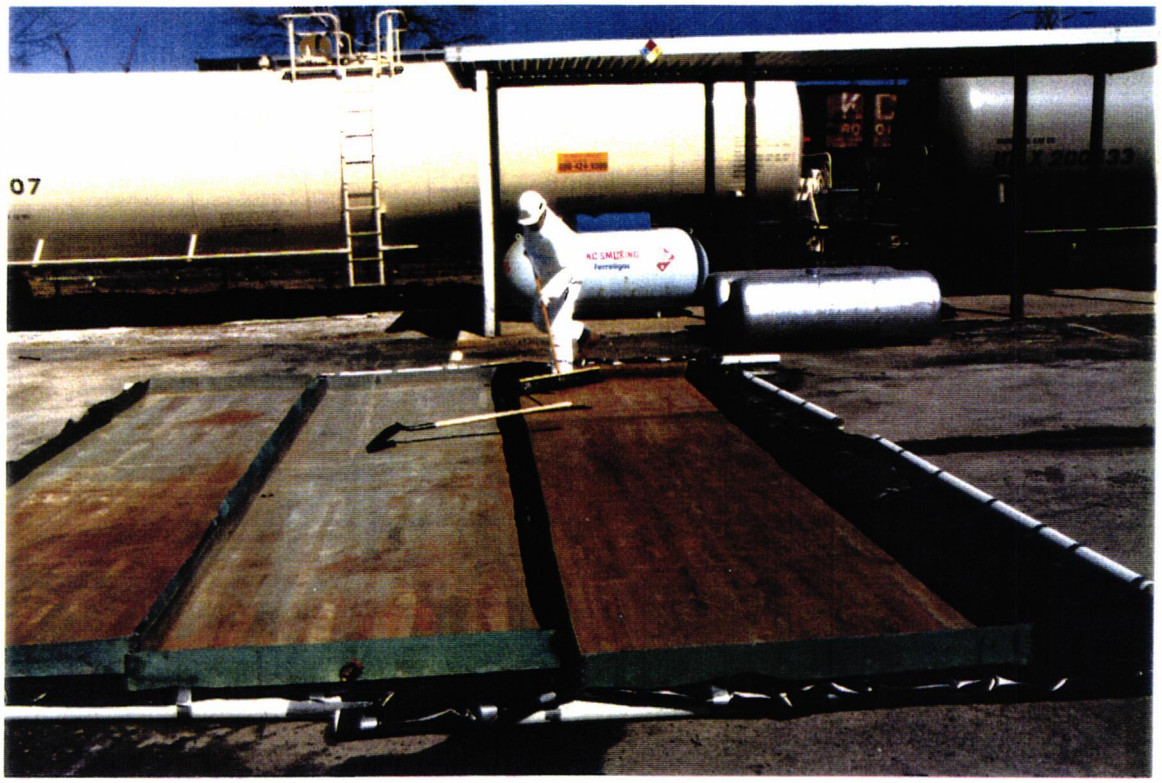
Photograph 3. Photo showing original location of the hazrdous waste storage unit containment pans.
Photo taken by SJS on March 26, 1996.
VW&R, Kansas City, Missouri.

Photograph 4. Photo showing location of drain valve on pan and sample location mark in asphalt.
Photo taken by SJS on March 26, 1996.
VW&R, Kansas City, Missouri.

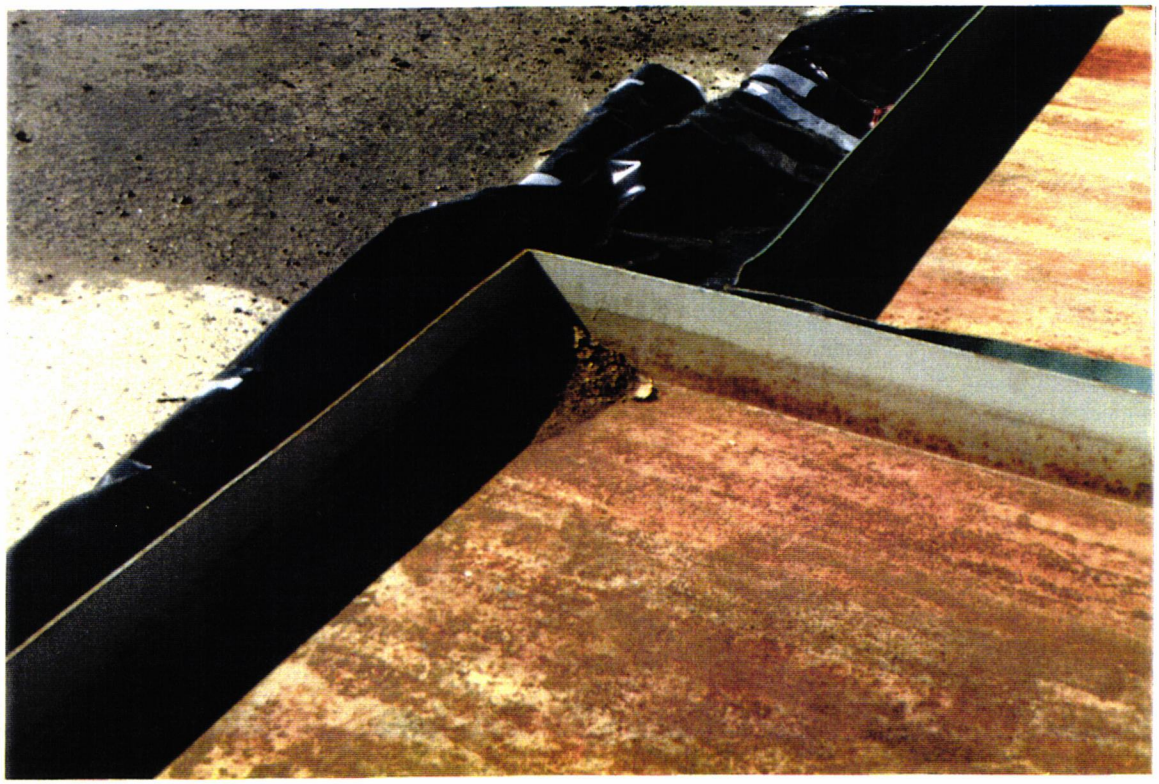


Photograph 5. Photo showing transport of metal pans to decontamination pad.
Photo taken by SJS on March 26, 1996.
VW&R, Kansas City, Missouri.

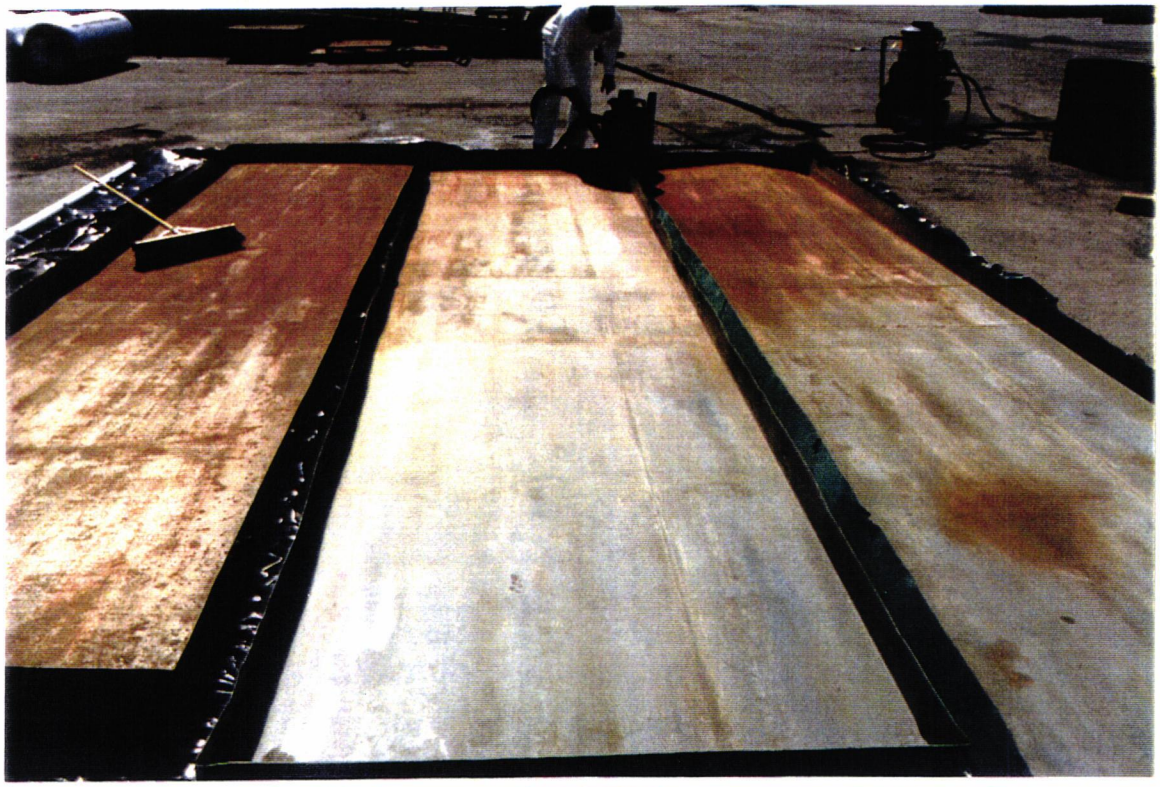
Photograph 6. Photo showing the process of scraping the metal pans with a flat metal hoe.
Photo taken by SJS on March 26, 1996.
VW&R, Kansas City, Missouri.



Photograph 7. Photo showing sweeping up debris and scrapings.
Photo taken by SJS on March 26, 1996.
VW&R, Kansas City, Missouri.



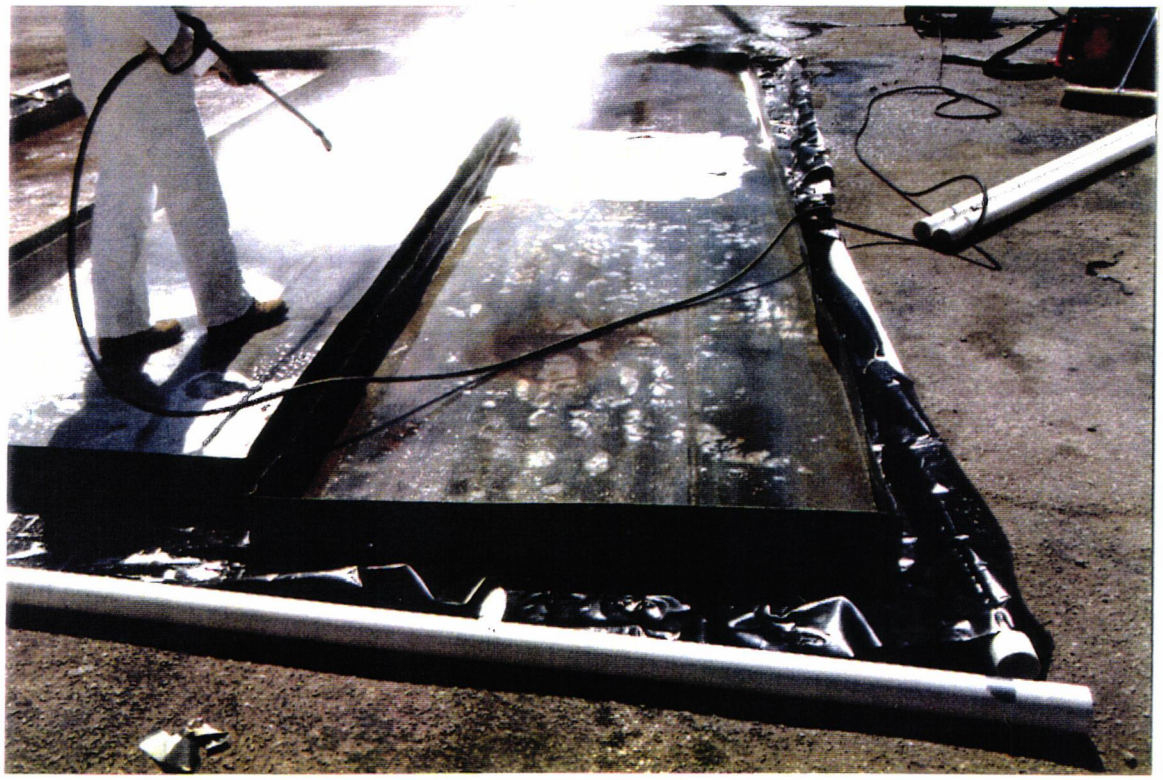
Photograph 8. Photo showing approximate amount of debris generated for each pan.
Photo taken by SJS on March 26, 1996.
VW&R, Kansas City, Missouri.



Photograph 9. Photo showing subcontractor vacuuming up debris from pan.
Photo taken by SJS on March 26, 1996.
VW&R, Kansas City, Missouri.

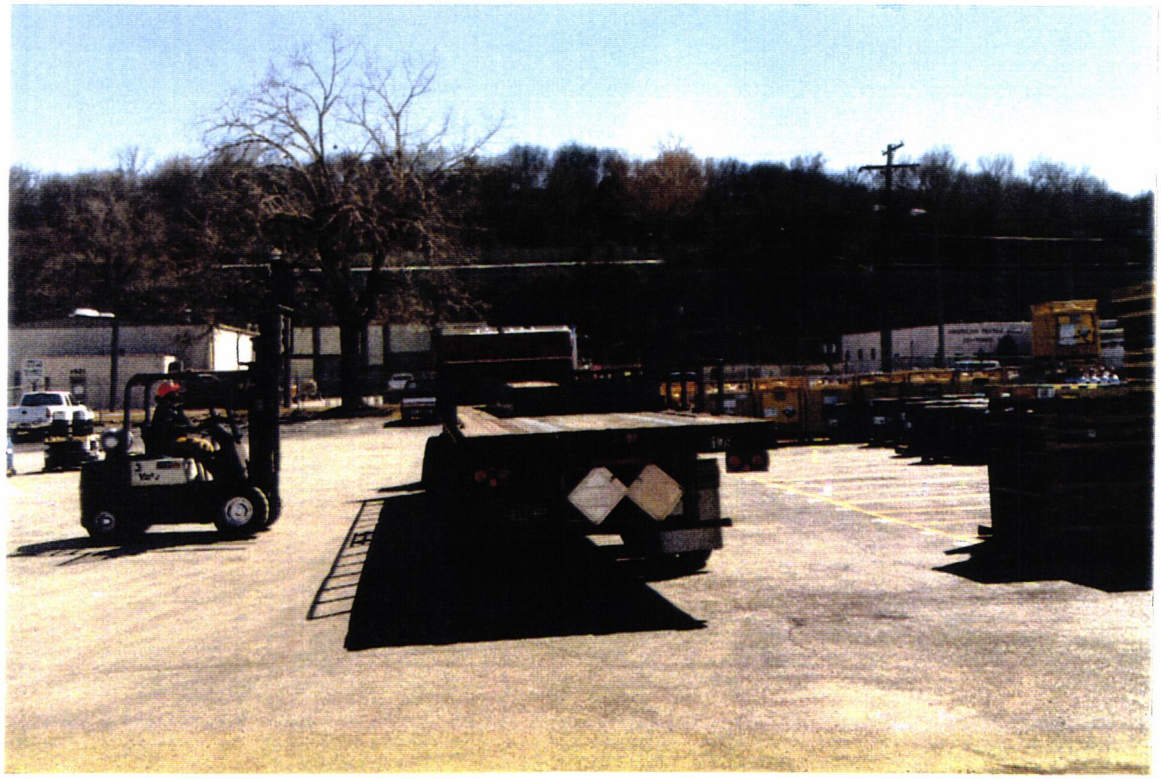
Photograph 10. Photo of vacuumed waste being disposed of into drum.
Photo taken by SJS on March 26, 1996.
VW&R, Kansas City, Missouri.

Photograph 11. Scrubbing the pan with a stiff bristle broom.
Photo taken by SJS on March 26, 1996.
VW&R, Kansas City, Missouri.



Photograph 12. Rinsing metal pan with high temperature/high pressure steam cleaner.
Photo taken by SJS on March 26, 1996.
VW&R, Kansas City, Missouri.

Photograph 13. Emptying fluids vacuumed off pan into drum.
Photo taken by SJS on March 26, 1996.
VW&R, Kansas City, Missouri.



Photograph 14. Photo showing metal pans being loaded onto flatbed truck for shipment off-site.
Photo taken by SJS on March 26, 1996.
VW&R, Kansas City, Missouri.

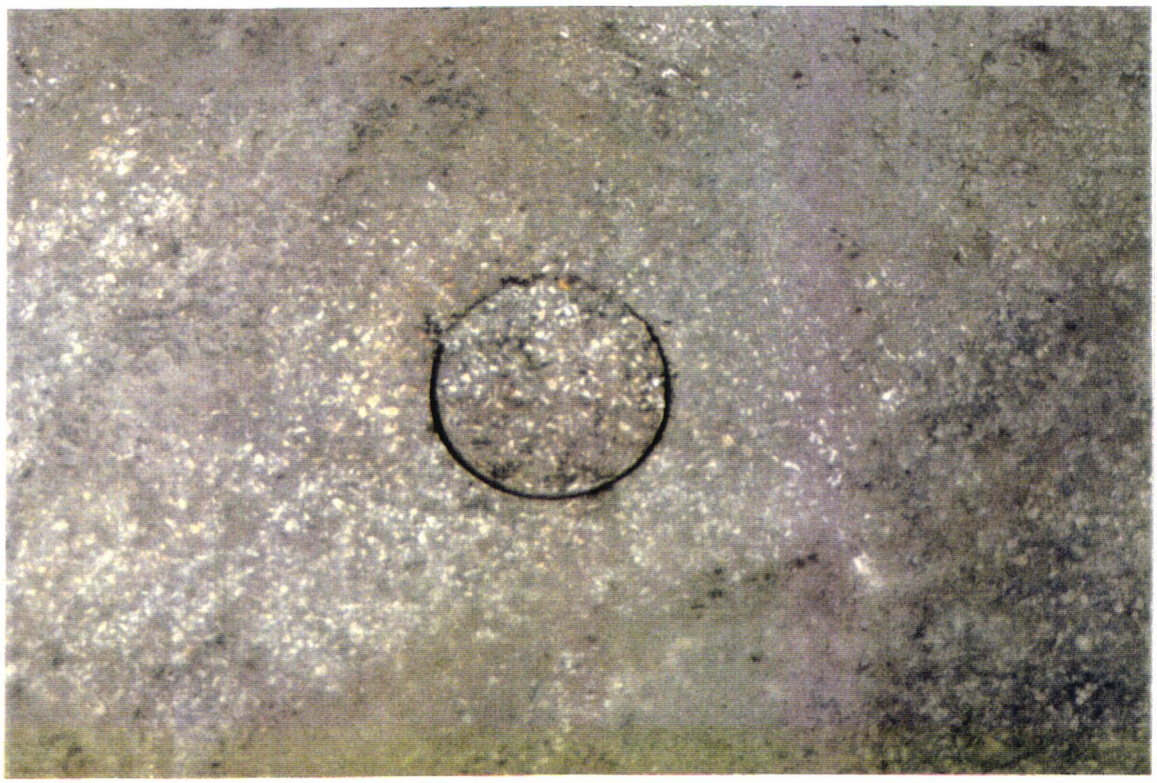
Photograph 15. Photo showing drum containing solid wastes generated from decontamination activities.
Photo taken by SJS on March 26, 1996.
VW&R, Kansas City, Missouri.

Photograph 16. Photo showing drum containing liquid wastes from decontamination activities.
Photo taken by SJS on March 26, 1996.
VW&R, Kansas City, Missouri.

Photograph 17. Photo showing mechanized auger.
Photo taken by SJS on March 27, 1996.
VW&R, Kansas City, Missouri.

Photograph 18. Photo showing borehole at 6-in depth and multiple same depth sample holes.
Photo taken by SJS on March 27, 1996.
VW&R, Kansas City, Missouri.

Photograph 19. Photo showing coring device used to core through asphalt and concrete.
Photo taken by SJS on March 27, 1996.
VW&R, Kansas City, Missouri.



Photograph 20. Photo showing cored sample location.
Photo taken by SJS on March 27, 1996.
VW&R, Kansas City, Missouri.

Photograph 21. Photo showing collection of soil sample with slide hammer sampling device.
Photo taken by SJS on March 27, 1996.
VW&R, Kansas City, Missouri.

Photograph 22. Cleaning loose/disturbed auger cuttings from borehole with post hole digger.
Photo taken by SJS on March 27, 1996.
VW&R, Kansas City, Missouri.

Photograph 23. Photo showing measurement of borehole depth prior to collection of sample.
Photo taken by SJS on March 27, 1996.
VW&R, Kansas City, Missouri.

Photograph 24. Photo showing equipment decontamination pad.
Photo taken by SJS on March 27, 1996.
VW&R, Kansas City, Missouri.

Photograph 25. Removal of sewer/storm drain grate in preparation to collect sediment sample.
Photo taken by SJS on March 27, 1996.
VW&R, Kansas City, Missouri.

Photograph 26. Photo showing collection of sediment sample from storm drain.
Photo taken by SJS on March 27, 1996.
VW&R, Kansas City, Missouri.

APPENDIX
B

Field Sampling Logs

BASCOR Environmental, Inc.

Soil Sampling Log

Project Number 130		Page Number 1
Site Location 2000 Guinotte Ave		
Site/Well Number VWKC01 -	Coded/Replicate Number	Date 3/27/96
Weather CLOUDY, 35°F, LIGHT WIND	Time Sampling Began 9:20 AM	Time Sampling Completed 10:05 AM

Site Sketch

VWKC01 - 6A } SPLIT WITH STATE

VWKC01 - 6B

VWKC01 - 36A

VWKC01 - 36B

A = VOLATILE ORGANICS

B = SEMI-VOLATILE ORGANICS ; TOTAL METALS ; pH ; CYANIDES

Sampling Data/Field Parameters

Color	Odor	Appearance
Other (specification; OVA; HNU; etc.)		
Sampling Method and Material		
Constituents Sampled		
Container Description	From ❑ Lab ❑ BEI	Preservative

BASCOR Environmental, Inc.

Soil Sampling Log

Project Number		Page Number
130		2
Site Location: VAN WATERS & ROGERS INC. - KANSAS CITY, 2000 GUINOTTE AVE.		
Site/Well Number: VWKC02	Coded/Replicate Number:	Date: 3-27-96
Weather: CLOUDY, 35°F, LIGHT WIND	Time Sampling Began: 8:45 AM	Time Sampling Completed: 10:25 AM

Site Sketch

VWKC02 - 6A
VWKC02 - 6B

VWKC02 - 36A
VWKC02 - 36B
} SPLIT WITH STATE

Sampling Data/Field Parameters

Color	Odor	Appearance
Other (specification; OVA; HNU; etc.)		
Sampling Method and Material		
Constituents Sampled		
Container Description	From ❑ Lab ❑ BEI	Preservative

BASCOR Environmental, Inc.

Soil Sampling Log

Project Number		Page Number
130		3
Site Location: VAN WATERS & ROGERS INC. 2000 GUINOTTE AVE.		
Site/Well Number: VWKC03	Coded/Replicate Number	Date: 3-27-94
Weather: CLOUDY, 35°F, SLIGHT WIND	Time Sampling Began: 10:20 AM	Time Sampling Completed: 11:00 AM

Site Sketch

VWKC03 - 6A
VWKC03 - 6B
} SPLIT WITH STATE

VWKC03 - 36A
VWKC03 - 36B

Sampling Data/Field Parameters

Color	Odor	Appearance
Other (specification; OVA; HNU; etc.)		
Sampling Method and Material		
Constituents Sampled		
Container Description	From ☐ Lab ☐ BEI	Preservative

BASCOR Environmental, Inc.

Soil Sampling Log

Project Number		Page Number
130		4
Site Location: VAN WATERS & ROGERS INC., 2000 QUINOTTE AVE.		
Site/Well Number: VWKC04	Coded/Replicate Number	Date: 3-27-96
Weather: CLOUDY, 35°F, SLIGHT WIND	Time Sampling Began: 11:05 AM	Time Sampling Completed: 11:30 AM

Site Sketch

VWKC04-6A

VWKC04-6B

VWKC04-36A
VWKC04-36B } SPLIT WITH STATE

Sampling Data/Field Parameters

Color	Odor	Appearance
Other (specification; OVA; HNU; etc.)		
Sampling Method and Material		
Constituents Sampled		
Container Description	From ❑ Lab ❑ BEI	Preservative

BASCOR Environmental, Inc.

Soil Sampling Log

Project Number	Page Number
130	5

Site Location
VAN WATERS & ROGERS INC. 2000 QUINOTTE AVE. KANSAS CITY

Site/Well Number	Coded/Replicate Number	Date
VWKC05		3-27-96
Weather	**Time Sampling Began**	**Time Sampling Completed**
CLOUDY, 40°F, SLIGHT WIND	11:35	11:45

Site Sketch

VWKC05A - SS

VWKC05B - SS

} SPLIT WITH STATE

Sampling Data/Field Parameters

Color	Odor	Appearance
Other (specification; OVA; HNU; etc.)		
Sampling Method and Material		
Constituents Sampled		
Container Description	From ❑ Lab ❑ BEI	Preservative

BASCOR Environmental, Inc.

Soil Sampling Log

Project Number	Page Number
130	6

Site Location
VAN WATERS AND ROGERS INC., 2100 GUINOTTE AVE. KANSAS CITY, MO.

Site/Well Number	Coded/Replicate Number	Date
VWKC06		3-27-96
Weather	**Time Sampling Began**	**Time Sampling Completed**
CLOUDY, 40°F, SLIGHT WIND	11:50	11:55

Site Sketch

VWKC06

(SOIL SAMPLE BACKGROUND FOR TOTAL METALS)

Sampling Data/Field Parameters

Color	Odor	Appearance
Other (specification; OVA; HNU; etc.)		
Sampling Method and Material		
Constituents Sampled		
Container Description	From ❑ Lab ❑ BEI	Preservative

BASCOR Environmental, Inc.

Soil Sampling Log

Project Number		Page Number
130		7
Site Location: VAN WATERS & ROGERS INC. 2000 GUINOTTE AVE, KANSAS CITY, MO.		
Site/Well Number: VWKC07	Coded/Replicate Number	Date: 3-27-96
Weather: CLOUDY, 40°F, SLIGHT WIND	Time Sampling Began: 11:55	Time Sampling Completed: 12:00

Site Sketch

VWKC07 (BACKGROUND SOIL FOR TOTAL METALS)

Sampling Data/Field Parameters

Color	Odor	Appearance
Other (specification; OVA; HNU; etc.)		
Sampling Method and Material		
Constituents Sampled		
Container Description	From ❑ Lab ❑ BEI	Preservative

BASCOR Environmental, Inc.

Soil Sampling Log

Project Number	Page Number
130	8

Site Location
VAN WATERS & ROGERS INC. 2000 QUINCITE AVE., KANSAS CITY, MO

Site/Well Number	Coded/Replicate Number	Date
VWKC08		3-27-96
Weather	**Time Sampling Began**	**Time Sampling Completed**
CLOUDY, 40°F, SLIGHT WIND	11:52	11:53

Site Sketch

VWKC08 (BACKGROUND SOIL SAMPLE FOR TOTAL METALS)

Sampling Data/Field Parameters

Color	Odor	Appearance
Other (specification; OVA; HNU; etc.)		
Sampling Method and Material		
Constituents Sampled		
Container Description	From ☐ Lab ☐ BEI	Preservative

BASCOR Environmental, Inc.

Soil Sampling Log

Project Number 130		Page Number 4
Site Location 2000 Guinotte Ave		
Site/Well Number VWKC 09	Coded/Replicate Number	Date 3/27/96
Weather Cldy, 35°F, LT. wind	Time Sampling Began 1:10	Time Sampling Completed 1:22

Site Sketch

VWKC09 - Field Replicate

8240

Sampling Data/Field Parameters

Color	Odor	Appearance
Other (specification; OVA; HNU; etc.)		
Sampling Method and Material		
Constituents Sampled		
Container Description	From ❑ Lab ❑ BEI	Preservative

WATER SAMPLING LOG

Site Location	VWR 2000 Grimothe Ave, KC, MO
Project No.	130
Well No./Site	Soil Sampling Spoon
Date	3/27/96
Time Sampling Began	8:15 am
Time Sampling Completed	8:25 am

EVACUATION DATA

Description of Measuring Point (MP)	N/A		
Height of MP Above/Below Land Surface		MP Elevation	N/A
Total Sounded Depth of Well Below MP		Water Level Elevation	
Held ☐ Depth to Water Below MP		Diameter of Casing	
Wet ☐ Water Column in Well		Gallons Pumped/Bailed (prior to sampling)	
Gallons per Foot		Sampling Pump Intake Setting (feet below land surface)	
Gallons in Well			
Evacuation Method			

SAMPLING DATA / FIELD PARAMETERS

Temperature	°F/°C	pH	
Specific Conductance umhos/cm			
Other (specific ion; OVA; HNU; Tip; etc.)			
Appearance			
Color		Odor	
Sampling Method and Material			

CONTAINER DESCRIPTION

Analyte	From Lab ☒ BEI ☐	Preservative
8240	(2) 40 mL VOA	HCL
8270, pH, cyanide, metals	1 1/2 oz glass jar	None

Coded Replicate No.	Field Blank, Equipment Blank VWKC-FB 01, 02 & 03
Weather	
Remarks	
Sampling Personnel	[signature]

WELL CASING VOLUMES

Gallons/Foot	1¼" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65
	1½" = 0.09	2½" = 0.26	3½" = 0.50	6" = 1.47

WATER SAMPLING LOG

Site Location	VWR 2000 Grand Ave, KC, MO.
Project No.	130
Well No./Site	Liquid Drum
Date	3/27/96
Time Sampling Began	2:15 pm
Time Sampling Completed	2:20 pm

EVACUATION DATA

Description of Measuring Point (MP)	N/A		
Height of MP Above/Below Land Surface	N/A	MP Elevation	N/A
Total Sounded Depth of Well Below MP	N/A	Water Level Elevation	
Held / Depth to Water Below MP	N/A	Diameter of Casing	
Wet / Water Column in Well	N/A	Gallons Pumped/Bailed (prior to sampling)	
Gallons per Foot	N/A	Sampling Pump Intake Setting (feet below land surface)	
Gallons in Well	N/A		
Evacuation Method	N/A		

SAMPLING DATA / FIELD PARAMETERS

Temperature	°F/°C	pH	
Specific Conductance umhos/cm			
Other (specific ion; OVA; HNU; Tip; etc.)			
Appearance			
Color		Odor	None
Sampling Method and Material	Grab Sample w/ gallon container		

CONTAINER DESCRIPTION

Analyte	From Lab ☒ BEI ☐	Preservative
8240	2 40 ml VOA	HCL

Coded Replicate No.	VWRCDS
Weather	Clear
Remarks	No odor
Sampling Personnel	Sanjay Sen

WELL CASING VOLUMES

Gallons/Foot				
	1¼" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65
	1½" = 0.09	2½" = 0.26	3½" = 0.50	6" = 1.47

APPENDIX
C

Letter Certificate of Transport

Van Waters & Rogers Inc.

Kansas City Facility

2000 Guinotte Avenue

Kansas City, MO

On Tuesday, March 26, 1996, three VWR Kansas City Facility Waste Storage Pans were decontaminated in accordance with the approved closure plan as approved by the Missouri Division of Natural Resources, December 22, 1995 by certified letter Z 062 408 539. The pans were loaded and transported to the Mallon Brothers scrap metal facility.

The pans were loaded at approximately 1:30 pm and transported and delivered to the scrap facility offsite.

Certified by: _____

Samuel J. Senn P.E.

Received by: _____

Mallon Brothers

Witness by: _____

Van Waters & Rogers

_____

Van Waters & Rogers

APPENDIX D

Chain of Custody & Laboratory Analytical Report

NET NATIONAL ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

COMPANY: BASCOR ENVIRONMENTAL INC
ADDRESS: 800 W. Central Road
PHONE: (847) 577-1980 FAX:
PROJECT NAME/LOCATION: VWR KC
PROJECT NUMBER: 130
PROJECT MANAGER: T. Sullivan

REPORT TO: SAM SENN
INVOICE TO: BASCOR ENV.
P.O. NO. VW96130
NET QUOTE NO.

SAMPLED BY (PRINT NAME): SAM SENN
SIGNATURE: Sam J. Senn
(PRINT NAME): MIKE GANDETTE
SIGNATURE: Mike Gandette

To assist us in selecting the proper method

Is this work being conducted for regulatory compliance monitoring? Yes X No
Is this work being conducted for regulatory enforcement action? Yes No X
Which regulations apply: RCRA X NPDES Wastewater UST Drinking Water Other None

DATE	TIME	SAMPLE ID/DESCRIPTION	MATRIX	GRAB	COMP	# and Type of Containers: HCl	NaOH	HNO_3	H_2SO_4	OTHER	ANALYSES: Volatiles 8240	Semi Vol 8270	Cyanide 9010	pH 9040	Total Metals						COMMENTS
3-27	9:20	VWKC01A-6	S	X							X										
3-27	1:20	VWKC09	S	X							X										
3-27	8:45	VWKC02A-6	S	X							X										
3-27	11:20	VWKC04-36A	S	X							X										
3-27	10:57	VWKC04-6A	S	X							X										
3-27	11:40	VWKC05A-SS	S	X							X										
3-27	—	VWKC01-36A	S	X							X										
3-27	10:26	VWKC03-6A	S	X							X										
3-27	10:10	VWKC02-36A	S	X							X										
3-27	10:50	VWKC03-36A	S	X							X										
3-27	11:55	VWKC07	S	X											X						
3-27	10:53	VWKC03-36B	S	X								X	X	X	X						
3-27	11:25	VWKC04-36B	S	X								X	X	X	X						
3-27	11:45	VWKC05B-SS	S	X								X	X	X	X						
3-27	9:00	VWKC02B-6	S	X								X	X	X	X						

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO
FIELD FILTERED? YES / NO N/A
COC SEALS PRESENT AND INTACT? YES / NO
VOLATILES FREE OF HEADSPACE? YES / NO
TEMPERATURE UPON RECEIPT: 2.9°
Bottles supplied by NET? YES / NO

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA
I REQUEST NET TO DISPOSE OF ALL SAMPLE REMAINDERS SJS DATE 3/28/96

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR NET BY:
Sam J. Senn	3/28	~5 pm			3-28-96	16:35	Karen [illegible]

METHOD OF SHIPMENT: HAND DELIVER

REMARKS:

PT 1 - ORIGINAL - WHITE PT 2 - NET PROJECT MANAGER - YELLOW PT 3 - CUSTOMER COPY - PINK

NET NATIONAL ENVIRONMENTAL TESTING, INC.

HOUSEHOLD

COMPANY: BASCOR Environmental Inc
ADDRESS: 800 W. Central Rd
PHONE: (847) 577-1980 FAX: 577-1982
PROJECT NAME/LOCATION: VWR KC
PROJECT NUMBER: 130
PROJECT MANAGER: T. Sullivan

REPORT TO: Sam Senn
INVOICE TO: BASCOR Env.
P.O. NO.: VW96130
NET QUOTE NO.:

SAMPLED BY: Sam Senn (PRINT NAME) — SIGNATURE
Mike Gandette (PRINT NAME) — SIGNATURE

To assist us in selecting the proper method
Is this work being conducted for regulatory compliance monitoring? Yes X No
Is this work being conducted for regulatory enforcement action? Yes No X
Which regulations apply: RCRA X NPDES Wastewater UST Drinking Water Other None

DATE	TIME	SAMPLE ID/DESCRIPTION	MATRIX	GRAB	COMP	HCl	NaOH	HNO_3	H_2SO_4	OTHER	Volatiles 8240	Semi vol 8270	Cyanide 9010	pH 9040	Total metals						COMMENTS
3-27	11:50	VWKC06	S	X								X	X	X	X						metals only
3-27	—	VWKC01-6B	S	X								X	X	X	X						
3-27	10:15	VWKC02-36B	S	X								X	X	X	X						
3-27	10:35	VWKC03-6B	S	X								X	X	X	X						
3-27	11:52	VWKC08	S	X											X						
3-27	10:05	VWKC01-36B	S	X								X	X	X	X						
3-27	—	VWKC04-6B	S	X								X	X	X	X						
3-27	8:35	VWKC-FB04	W	X		2					X										
3-27	—	Trip Blank	W								X										
3-27	12:00	VWKC DS	W	X		2					X										
3-27	8:35	VWKC-FB01	W	X						1		X		X							
3-27	8:35	VWKC-FB03	W	X				1							X						
3-27	8:35	VWKC-FB02	W	X			1						X								

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO — FIELD FILTERED? YES / NO N/A
COC SEALS PRESENT AND INTACT? YES / NO — VOLATILES FREE OF HEADSPACE? YES / NO
TEMPERATURE UPON RECEIPT: 2.90 — Bottles supplied by NET? YES / NO

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA
I REQUEST NET TO DISPOSE OF ALL SAMPLE REMAINDERS SAS DATE 3/28/96

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR NET BY:
[signature]	3/28	~5pm			3-28-96	16:35	[signature]

METHOD OF SHIPMENT: Hand Deliver
REMARKS:

PT 1 - ORIGINAL - WHITE PT 2 - NET PROJECT MANAGER - YELLOW PT 3 - CUSTOMER COPY - PINK

NATIONAL ENVIRONMENTAL TESTING, INC.®

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

NET Job Number: 96.02264

IEPA Cert. No.: 100221
WDNR Cert. No.: 999447130
A2LA Cert. No.: 0453-01

Enclosed is the Analytical and Quality Control reports for the following samples submitted to Bartlett Division of NET, Inc. for analysis.

Project Description: VWR UC; 130

Sample Number	Sample Description	Date Taken	Date Received
349445	VWKC01A-6	03/27/1996	03/28/1996
349446	VWKC09	03/27/1996	03/28/1996
349447	VWKC02A-6	03/27/1996	03/28/1996
349448	VWKC04-36A	03/27/1996	03/28/1996
349449	VWKC04-6A	03/27/1996	03/28/1996
349450	VWKC05A-SS	03/27/1996	03/28/1996
349451	VWKC01-36A	03/27/1996	03/28/1996
349452	VWKC03-6A	03/27/1996	03/28/1996
349453	VWKC02-36A	03/27/1996	03/28/1996
349454	VWKC03-36A	03/27/1996	03/28/1996
349455	VWKC07	03/27/1996	03/28/1996
349456	VWKC03-36B	03/27/1996	03/28/1996
349457	VWKC04-36B	03/27/1996	03/28/1996
349458	VWKC05B-SS	03/27/1996	03/28/1996

Sample analysis in support of the project referenced above has been completed and results are presented on the following pages. These results apply only to the samples analyzed. Reproduction of this report only in whole is permitted. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Procedures used follow NET Standard Operating Procedures which reference the methods listed on your report. Should you have questions regarding procedures or results, please do not hesitate to call. NET has been pleased to provide these analytical services for you.

This Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Approved by:

Mary Pearson

Mary Pearson
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

NET Job Number: 96.02264

IEPA Cert. No.: 100221
WDNR Cert. No.: 999447130
A2LA Cert. No.: 0453-01

Enclosed is the Analytical and Quality Control reports for the following samples submitted to Bartlett Division of NET, Inc. for analysis.

Project Description: VWR UC; 130

Sample Number	Sample Description	Date Taken	Date Received
349459	VWKC02B-6	03/27/1996	03/28/1996
349460	VWKC06	03/27/1996	03/28/1996
349461	VWKC01-6B	03/27/1996	03/28/1996
349462	VWKC02-36B	03/27/1996	03/28/1996
349463	VWKC03-6B	03/27/1996	03/28/1996
349464	VWKC08	03/27/1996	03/28/1996
349466	VWKC01-36B	03/27/1996	03/28/1996
349467	VWKC04-6B	03/27/1996	03/28/1996
349468	VWKC-FB04	03/27/1996	03/28/1996
349469	Trip Blank	03/27/1996	03/28/1996
349470	VWKCDS	03/27/1996	03/28/1996
349471	VWKC-FB01	03/27/1996	03/28/1996
349472	VWKC-FB03	03/27/1996	03/28/1996
349478	VWKC-FB02	03/27/1996	03/28/1996

Sample analysis in support of the project referenced above has been completed and results are presented on the following pages. These results apply only to the samples analyzed. Reproduction of this report only in whole is permitted. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Procedures used follow NET Standard Operating Procedures which reference the methods listed on your report. Should you have questions regarding procedures or results, please do not hesitate to call. NET has been pleased to provide these analytical services for you.

This Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Approved by:

Mary Pearson

Mary Pearson
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349445

NET Job No.: 96.02264

Sample Description: VWKC01A-6
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 09:20

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	80.1		%	0.1	04/01/1996	tdw	2540 (4)
VOLATILE COMPDS 8240 - NONAQ							
Acetone	<100		ug/Kg	100	04/08/1996	jap	8240 (1)
Acrolein	<100		ug/Kg	100	04/08/1996	jap	8240 (1)
Acrylonitrile	<100		ug/Kg	100	04/08/1996	jap	8240 (1)
Benzene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Bromoform	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Bromomethane	<10		ug/Kg	10	04/08/1996	jap	8240 (1)
Carbon Disulfide	<100		ug/Kg	100	04/08/1996	jap	8240 (1)
Carbon Tetrachloride	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Chlorobenzene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
2-Chloroethylvinyl ether	<10		ug/Kg	10	04/08/1996	jap	8240 (1)
Chlorodibromomethane	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Chloroethane	<10		ug/Kg	10	04/08/1996	jap	8240 (1)
Chloroform	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Chloromethane	<10		ug/Kg	10	04/08/1996	jap	8240 (1)
Dichlorobromomethane	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
1,2-Dichlorobenzene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
1,3-Dichlorobenzene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
1,4-Dichlorobenzene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
1,1-Dichloroethane	170		ug/Kg	5.0	04/08/1996	jap	8240 (1)
1,2-Dichloroethane	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
1,1-Dichloroethene	120		ug/Kg	5.0	04/08/1996	jap	8240 (1)
cis-1,2-Dichloroethene	83		ug/Kg	5.0	04/08/1996	jap	8240 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
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Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349445

NET Job No.: 96.02264

Sample Description: VWKC01A-6
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 09:20

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
trans-1,2-Dichloroethene	6.7		ug/Kg	5.0	04/08/1996	jap	8240 (1)
1,2-Dichloropropane	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
cis-1,3-Dichloropropene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
trans-1,3-Dichloropropene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Ethyl Benzene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
2-Hexanone	<50		ug/Kg	50	04/08/1996	jap	8240 (1)
Methyl Ethyl Ketone	<100		ug/Kg	100	04/08/1996	jap	8240 (1)
4-Methyl-2-pentanone (MIBK)	<50		ug/Kg	50	04/08/1996	jap	8240 (1)
Methylene chloride	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Styrene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
1,1,2,2-Tetrachloroethane	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Tetrachloroethene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Toluene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
1,1,1-Trichloroethane	310		ug/Kg	5.0	04/08/1996	jap	8240 (1)
1,1,2-Trichloroethane	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Trichloroethene	9,700		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Trichlorofluoromethane	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Vinyl Chloride	<10		ug/Kg	10	04/08/1996	jap	8240 (1)
o-Xylene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
m,p-Xylenes	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Xylenes, total	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Surr: 1,2-Dichloroethane-d4	96.8		%	70-121	04/08/1996	jap	8240 (1)
Surr: Toluene-d8	111.6		%	81-117	04/08/1996	jap	8240 (1)
Surr: Bromofluorobenzene	93.6		%	74-121	04/08/1996	jap	8240 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349446

NET Job No.: 96.02264

Sample Description: VWKC09
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 13:20

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	71.5		%	0.1	04/01/1996	tdw	2540 (4)
VOLATILE COMPDS 8240 - NONAQ							
Acetone	<100		ug/Kg	100	04/08/1996	jap	8240 (1)
Acrolein	<100		ug/Kg	100	04/08/1996	jap	8240 (1)
Acrylonitrile	<100		ug/Kg	100	04/08/1996	jap	8240 (1)
Benzene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Bromoform	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Bromomethane	<10		ug/Kg	10	04/08/1996	jap	8240 (1)
Carbon Disulfide	<100		ug/Kg	100	04/08/1996	jap	8240 (1)
Carbon Tetrachloride	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Chlorobenzene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
2-Chloroethylvinyl ether	<10		ug/Kg	10	04/08/1996	jap	8240 (1)
Chlorodibromomethane	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Chloroethane	<10		ug/Kg	10	04/08/1996	jap	8240 (1)
Chloroform	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Chloromethane	<10		ug/Kg	10	04/08/1996	jap	8240 (1)
Dichlorobromomethane	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
1,2-Dichlorobenzene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
1,3-Dichlorobenzene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
1,4-Dichlorobenzene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
1,1-Dichloroethane	46		ug/Kg	5.0	04/08/1996	jap	8240 (1)
1,2-Dichloroethane	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
1,1-Dichloroethene	26		ug/Kg	5.0	04/08/1996	jap	8240 (1)
cis-1,2-Dichloroethene	95		ug/Kg	5.0	04/08/1996	jap	8240 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349446

NET Job No.: 96.02264

Sample Description: VWKC09
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 13:20

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
trans-1,2-Dichloroethene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
1,2-Dichloropropane	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
cis-1,3-Dichloropropene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
trans-1,3-Dichloropropene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Ethyl Benzene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
2-Hexanone	<50		ug/Kg	50	04/08/1996	jap	8240 (1)
Methyl Ethyl Ketone	<100		ug/Kg	100	04/08/1996	jap	8240 (1)
4-Methyl-2-pentanone (MIBK)	<50		ug/Kg	50	04/08/1996	jap	8240 (1)
Methylene chloride	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Styrene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
1,1,2,2-Tetrachloroethane	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Tetrachloroethene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Toluene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
1,1,1-Trichloroethane	45		ug/Kg	5.0	04/08/1996	jap	8240 (1)
1,1,2-Trichloroethane	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Trichloroethene	240		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Trichlorofluoromethane	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Vinyl Chloride	<10		ug/Kg	10	04/08/1996	jap	8240 (1)
o-Xylene	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
m,p-Xylenes	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Xylenes, total	<5.0		ug/Kg	5.0	04/08/1996	jap	8240 (1)
Surr: 1,2-Dichloroethane-d4	101.8		%	70-121	04/08/1996	jap	8240 (1)
Surr: Toluene-d8	105.2		%	81-117	04/08/1996	jap	8240 (1)
Surr: Bromofluorobenzene	100.0		%	74-121	04/08/1996	jap	8240 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349447

NET Job No.: 96.02264

Sample Description: VWKC02A-6
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 08:45

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	86.1		%	0.1	04/01/1996	tdw	2540 (4)
VOLATILE COMPDS 8240 - NONAQ							
Acetone	<1,000		ug/Kg	100	04/09/1996	llj	8240 (1)
Acrolein	<1,000		ug/Kg	100	04/09/1996	llj	8240 (1)
Acrylonitrile	<1,000		ug/Kg	100	04/09/1996	llj	8240 (1)
Benzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Bromoform	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Bromomethane	<100		ug/Kg	10	04/09/1996	llj	8240 (1)
Carbon Disulfide	<1,000		ug/Kg	100	04/09/1996	llj	8240 (1)
Carbon Tetrachloride	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Chlorobenzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
2-Chloroethylvinyl ether	<100		ug/Kg	10	04/09/1996	llj	8240 (1)
Chlorodibromomethane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Chloroethane	<100		ug/Kg	10	04/09/1996	llj	8240 (1)
Chloroform	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Chloromethane	<100		ug/Kg	10	04/09/1996	llj	8240 (1)
Dichlorobromomethane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,2-Dichlorobenzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,3-Dichlorobenzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,4-Dichlorobenzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,1-Dichloroethane	170		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,2-Dichloroethane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,1-Dichloroethene	220		ug/Kg	5.0	04/09/1996	llj	8240 (1)
cis-1,2-Dichloroethene	1,900		ug/Kg	5.0	04/09/1996	llj	8240 (1)

VOA ANALYZED AT A 10X DILUTION

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349447

NET Job No.: 96.02264

Sample Description: VWKC02A-6
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 08:45

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
trans-1,2-Dichloroethene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,2-Dichloropropane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
cis-1,3-Dichloropropene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
trans-1,3-Dichloropropene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Ethyl Benzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
2-Hexanone	<500		ug/Kg	50	04/09/1996	llj	8240 (1)
Methyl Ethyl Ketone	<1,000		ug/Kg	100	04/09/1996	llj	8240 (1)
4-Methyl-2-pentanone (MIBK)	<500		ug/Kg	50	04/09/1996	llj	8240 (1)
Methylene chloride	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Styrene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,1,2,2-Tetrachloroethane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Tetrachloroethene	87		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Toluene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,1,1-Trichloroethane	5,400		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,1,2-Trichloroethane	200		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Trichloroethene	82,000		ug/Kg	5.0	04/10/1996	llj	8240 (1)
Trichlorofluoromethane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Vinyl Chloride	<100		ug/Kg	10	04/09/1996	llj	8240 (1)
o-Xylene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
m,p-Xylenes	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Xylenes, total	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Surr: 1,2-Dichloroethane-d4	101.6		%	70-121	04/09/1996	llj	8240 (1)
Surr: Toluene-d8	107.2		%	81-117	04/09/1996	llj	8240 (1)
Surr: Bromofluorobenzene	109.0		%	74-121	04/09/1996	llj	8240 (1)

VOA ANALYZED AT A 10X DILUTION

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349448

NET Job No.: 96.02264

Sample Description: VWKC04-36A
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 11:20

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	77.5		%	0.1	04/01/1996	tdw	2540 (4)
VOLATILE COMPDS 8240 - NONAQ							
Acetone	<100		ug/Kg	100	04/10/1996	jap	8240 (1)
Acrolein	<100		ug/Kg	100	04/10/1996	jap	8240 (1)
Acrylonitrile	<100		ug/Kg	100	04/10/1996	jap	8240 (1)
Benzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Bromoform	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Bromomethane	<10		ug/Kg	10	04/10/1996	jap	8240 (1)
Carbon Disulfide	<100		ug/Kg	100	04/10/1996	jap	8240 (1)
Carbon Tetrachloride	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Chlorobenzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
2-Chloroethylvinyl ether	<10		ug/Kg	10	04/10/1996	jap	8240 (1)
Chlorodibromomethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Chloroethane	<10		ug/Kg	10	04/10/1996	jap	8240 (1)
Chloroform	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Chloromethane	<10		ug/Kg	10	04/10/1996	jap	8240 (1)
Dichlorobromomethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,2-Dichlorobenzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,3-Dichlorobenzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,4-Dichlorobenzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,1-Dichloroethane	8.4		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,2-Dichloroethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,1-Dichloroethene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
cis-1,2-Dichloroethene	22		ug/Kg	5.0	04/10/1996	jap	8240 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349448

NET Job No.: 96.02264

Sample Description: VWKC04-36A
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 11:20

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
trans-1,2-Dichloroethene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,2-Dichloropropane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
cis-1,3-Dichloropropene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
trans-1,3-Dichloropropene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Ethyl Benzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
2-Hexanone	<50		ug/Kg	50	04/10/1996	jap	8240 (1)
Methyl Ethyl Ketone	<100		ug/Kg	100	04/10/1996	jap	8240 (1)
4-Methyl-2-pentanone (MIBK)	<50		ug/Kg	50	04/10/1996	jap	8240 (1)
Methylene chloride	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Styrene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,1,2,2-Tetrachloroethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Tetrachloroethene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Toluene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,1,1-Trichloroethane	8.8		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,1,2-Trichloroethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Trichloroethene	78		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Trichlorofluoromethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Vinyl Chloride	<10		ug/Kg	10	04/10/1996	jap	8240 (1)
o-Xylene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
m,p-Xylenes	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Xylenes, total	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Surr: 1,2-Dichloroethane-d4	99.4		%	70-121	04/10/1996	jap	8240 (1)
Surr: Toluene-d8	112.0		%	81-117	04/10/1996	jap	8240 (1)
Surr: Bromofluorobenzene	103.0		%	74-121	04/10/1996	jap	8240 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349449

NET Job No.: 96.02264

Sample Description: VWKC04-6A
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:57

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	97.0		%	0.1	04/01/1996	tdw	2540 (4)
VOLATILE COMPDS 8240 - NONAQ							
Acetone	<100		ug/Kg	100	04/10/1996	jap	8240 (1)
Acrolein	<100		ug/Kg	100	04/10/1996	jap	8240 (1)
Acrylonitrile	<100		ug/Kg	100	04/10/1996	jap	8240 (1)
Benzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Bromoform	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Bromomethane	<10		ug/Kg	10	04/10/1996	jap	8240 (1)
Carbon Disulfide	<100		ug/Kg	100	04/10/1996	jap	8240 (1)
Carbon Tetrachloride	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Chlorobenzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
2-Chloroethylvinyl ether	<10		ug/Kg	10	04/10/1996	jap	8240 (1)
Chlorodibromomethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Chloroethane	<10		ug/Kg	10	04/10/1996	jap	8240 (1)
Chloroform	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Chloromethane	<10		ug/Kg	10	04/10/1996	jap	8240 (1)
Dichlorobromomethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,2-Dichlorobenzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,3-Dichlorobenzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,4-Dichlorobenzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,1-Dichloroethane	9.6		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,2-Dichloroethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,1-Dichloroethene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
cis-1,2-Dichloroethene	12		ug/Kg	5.0	04/10/1996	jap	8240 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349449

NET Job No.: 96.02264

Sample Description: VWKC04-6A
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:57

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
trans-1,2-Dichloroethene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,2-Dichloropropane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
cis-1,3-Dichloropropene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
trans-1,3-Dichloropropene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Ethyl Benzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
2-Hexanone	<50		ug/Kg	50	04/10/1996	jap	8240 (1)
Methyl Ethyl Ketone	<100		ug/Kg	100	04/10/1996	jap	8240 (1)
4-Methyl-2-pentanone (MIBK)	<50		ug/Kg	50	04/10/1996	jap	8240 (1)
Methylene chloride	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Styrene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,1,2,2-Tetrachloroethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Tetrachloroethene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Toluene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,1,1-Trichloroethane	5.6		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,1,2-Trichloroethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Trichloroethene	93		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Trichlorofluoromethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Vinyl Chloride	<10		ug/Kg	10	04/10/1996	jap	8240 (1)
o-Xylene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
m,p-Xylenes	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Xylenes, total	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Surr: 1,2-Dichloroethane-d4	102.8		%	70-121	04/10/1996	jap	8240 (1)
Surr: Toluene-d8	111.0		%	81-117	04/10/1996	jap	8240 (1)
Surr: Bromofluorobenzene	102.6		%	74-121	04/10/1996	jap	8240 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349450

NET Job No.: 96.02264

Sample Description: VWKC05A-SS
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 11:40

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	83.9		%	0.1	04/01/1996	tdw	2540 (4)
VOLATILE COMPDS 8240 - NONAQ							
Acetone	<100		ug/Kg	100	04/10/1996	jap	8240 (1)
Acrolein	<100		ug/Kg	100	04/10/1996	jap	8240 (1)
Acrylonitrile	<100		ug/Kg	100	04/10/1996	jap	8240 (1)
Benzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Bromoform	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Bromomethane	<10		ug/Kg	10	04/10/1996	jap	8240 (1)
Carbon Disulfide	<100		ug/Kg	100	04/10/1996	jap	8240 (1)
Carbon Tetrachloride	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Chlorobenzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
2-Chloroethylvinyl ether	<10		ug/Kg	10	04/10/1996	jap	8240 (1)
Chlorodibromomethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Chloroethane	<10		ug/Kg	10	04/10/1996	jap	8240 (1)
Chloroform	90		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Chloromethane	<10		ug/Kg	10	04/10/1996	jap	8240 (1)
Dichlorobromomethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,2-Dichlorobenzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,3-Dichlorobenzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,4-Dichlorobenzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,1-Dichloroethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,2-Dichloroethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,1-Dichloroethene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
cis-1,2-Dichloroethene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349450

NET Job No.: 96.02264

Sample Description: VWKC05A-SS
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 11:40

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
trans-1,2-Dichloroethene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,2-Dichloropropane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
cis-1,3-Dichloropropene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
trans-1,3-Dichloropropene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Ethyl Benzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
2-Hexanone	<50		ug/Kg	50	04/10/1996	jap	8240 (1)
Methyl Ethyl Ketone	<100		ug/Kg	100	04/10/1996	jap	8240 (1)
4-Methyl-2-pentanone (MIBK)	<50		ug/Kg	50	04/10/1996	jap	8240 (1)
Methylene chloride	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Styrene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,1,2,2-Tetrachloroethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Tetrachloroethene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Toluene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,1,1-Trichloroethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,1,2-Trichloroethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Trichloroethene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Trichlorofluoromethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Vinyl Chloride	<10		ug/Kg	10	04/10/1996	jap	8240 (1)
o-Xylene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
m,p-Xylenes	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Xylenes, total	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Surr: 1,2-Dichloroethane-d4	105.8		%	70-121	04/10/1996	jap	8240 (1)
Surr: Toluene-d8	108.2		%	81-117	04/10/1996	jap	8240 (1)
Surr: Bromofluorobenzene	96.0		%	74-121	04/10/1996	jap	8240 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349451

NET Job No.: 96.02264

Sample Description: VWKC01-36A
VWR UC; 130

Date Taken: 03/27/1996
Time Taken:

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	81.0		%	0.1	04/01/1996	tdw	2540 (4)
VOLATILE COMPDS 8240 - NONAQ							
Acetone	<100		ug/Kg	100	04/10/1996	jap	8240 (1)
Acrolein	<100		ug/Kg	100	04/10/1996	jap	8240 (1)
Acrylonitrile	<100		ug/Kg	100	04/10/1996	jap	8240 (1)
Benzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Bromoform	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Bromomethane	<10		ug/Kg	10	04/10/1996	jap	8240 (1)
Carbon Disulfide	<100		ug/Kg	100	04/10/1996	jap	8240 (1)
Carbon Tetrachloride	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Chlorobenzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
2-Chloroethylvinyl ether	<10		ug/Kg	10	04/10/1996	jap	8240 (1)
Chlorodibromomethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Chloroethane	<10		ug/Kg	10	04/10/1996	jap	8240 (1)
Chloroform	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Chloromethane	<10		ug/Kg	10	04/10/1996	jap	8240 (1)
Dichlorobromomethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,2-Dichlorobenzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,3-Dichlorobenzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,4-Dichlorobenzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,1-Dichloroethane	31		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,2-Dichloroethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,1-Dichloroethene	19		ug/Kg	5.0	04/10/1996	jap	8240 (1)
cis-1,2-Dichloroethene	130		ug/Kg	5.0	04/10/1996	jap	8240 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349451

NET Job No.: 96.02264

Sample Description: VWKC01-36A
VWR UC; 130

Date Taken: 03/27/1996
Time Taken:

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
trans-1,2-Dichloroethene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,2-Dichloropropane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
cis-1,3-Dichloropropene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
trans-1,3-Dichloropropene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Ethyl Benzene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
2-Hexanone	<50		ug/Kg	50	04/10/1996	jap	8240 (1)
Methyl Ethyl Ketone	<100		ug/Kg	100	04/10/1996	jap	8240 (1)
4-Methyl-2-pentanone (MIBK)	<50		ug/Kg	50	04/10/1996	jap	8240 (1)
Methylene chloride	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Styrene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,1,2,2-Tetrachloroethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Tetrachloroethene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Toluene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,1,1-Trichloroethane	40		ug/Kg	5.0	04/10/1996	jap	8240 (1)
1,1,2-Trichloroethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Trichloroethene	1,700		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Trichlorofluoromethane	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Vinyl Chloride	<10		ug/Kg	10	04/10/1996	jap	8240 (1)
o-Xylene	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
m,p-Xylenes	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Xylenes, total	<5.0		ug/Kg	5.0	04/10/1996	jap	8240 (1)
Surr: 1,2-Dichloroethane-d4	98.8		%	70-121	04/10/1996	jap	8240 (1)
Surr: Toluene-d8	109.0		%	81-117	04/10/1996	jap	8240 (1)
Surr: Bromofluorobenzene	100.2		%	74-121	04/10/1996	jap	8240 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349452

NET Job No.: 96.02264

Sample Description: VWKC03-6A
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:26

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	91.5		%	0.1	04/01/1996	tdw	2540 (4)
VOLATILE COMPDS 8240 - NONAQ							
Acetone	<1,000		ug/Kg	100	04/09/1996	llj	8240 (1)
Acrolein	<1,000		ug/Kg	100	04/09/1996	llj	8240 (1)
Acrylonitrile	<1,000		ug/Kg	100	04/09/1996	llj	8240 (1)
Benzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Bromoform	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Bromomethane	<100		ug/Kg	10	04/09/1996	llj	8240 (1)
Carbon Disulfide	<1,000		ug/Kg	100	04/09/1996	llj	8240 (1)
Carbon Tetrachloride	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Chlorobenzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
2-Chloroethylvinyl ether	<100		ug/Kg	10	04/09/1996	llj	8240 (1)
Chlorodibromomethane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Chloroethane	<100		ug/Kg	10	04/09/1996	llj	8240 (1)
Chloroform	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Chloromethane	<100		ug/Kg	10	04/09/1996	llj	8240 (1)
Dichlorobromomethane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,2-Dichlorobenzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,3-Dichlorobenzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,4-Dichlorobenzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,1-Dichloroethane	240		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,2-Dichloroethane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,1-Dichloroethene	180		ug/Kg	5.0	04/09/1996	llj	8240 (1)
cis-1,2-Dichloroethene	530		ug/Kg	5.0	04/09/1996	llj	8240 (1)

VOA ANALYZED AT A 10X DILUTION

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349452

NET Job No.: 96.02264

Sample Description: VWKC03-6A
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:26

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
trans-1,2-Dichloroethene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,2-Dichloropropane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
cis-1,3-Dichloropropene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
trans-1,3-Dichloropropene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Ethyl Benzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
2-Hexanone	<500		ug/Kg	50	04/09/1996	llj	8240 (1)
Methyl Ethyl Ketone	<1,000		ug/Kg	100	04/09/1996	llj	8240 (1)
4-Methyl-2-pentanone (MIBK)	<500		ug/Kg	50	04/09/1996	llj	8240 (1)
Methylene chloride	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Styrene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,1,2,2-Tetrachloroethane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Tetrachloroethene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Toluene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,1,1-Trichloroethane	520		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,1,2-Trichloroethane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Trichloroethene	23,000		ug/Kg	5.0	04/10/1996	llj	8240 (1)
Trichlorofluoromethane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Vinyl Chloride	<100		ug/Kg	10	04/09/1996	llj	8240 (1)
o-Xylene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
m,p-Xylenes	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Xylenes, total	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Surr: 1,2-Dichloroethane-d4	102.0		%	70-121	04/09/1996	llj	8240 (1)
Surr: Toluene-d8	107.4		%	81-117	04/09/1996	llj	8240 (1)
Surr: Bromofluorobenzene	105.6		%	74-121	04/09/1996	llj	8240 (1)

VOA ANALYZED AT A 10X DILUTION

NATIONAL ENVIRONMENTAL TESTING, INC.

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349453

NET Job No.: 96.02264

Sample Description: VWKC02-36A
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:10

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	78.0		%	0.1	04/01/1996	tdw	2540 (4)
VOLATILE COMPDS 8240 - NONAQ							
Acetone	<1,000		ug/Kg	100	04/09/1996	llj	8240 (1)
Acrolein	<1,000		ug/Kg	100	04/09/1996	llj	8240 (1)
Acrylonitrile	<1,000		ug/Kg	100	04/09/1996	llj	8240 (1)
Benzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Bromoform	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Bromomethane	<100		ug/Kg	10	04/09/1996	llj	8240 (1)
Carbon Disulfide	<1,000		ug/Kg	100	04/09/1996	llj	8240 (1)
Carbon Tetrachloride	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Chlorobenzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
2-Chloroethylvinyl ether	<100		ug/Kg	10	04/09/1996	llj	8240 (1)
Chlorodibromomethane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Chloroethane	<100		ug/Kg	10	04/09/1996	llj	8240 (1)
Chloroform	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Chloromethane	<100		ug/Kg	10	04/09/1996	llj	8240 (1)
Dichlorobromomethane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,2-Dichlorobenzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,3-Dichlorobenzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,4-Dichlorobenzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,1-Dichloroethane	100		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,2-Dichloroethane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,1-Dichloroethene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
cis-1,2-Dichloroethene	1,300		ug/Kg	5.0	04/09/1996	llj	8240 (1)

VOA ANALYZED AT A 10X DILUTION

NATIONAL ENVIRONMENTAL TESTING, INC.

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349453

NET Job No.: 96.02264

Sample Description: VWKC02-36A
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:10

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
trans-1,2-Dichloroethene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,2-Dichloropropane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
cis-1,3-Dichloropropene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
trans-1,3-Dichloropropene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Ethyl Benzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
2-Hexanone	<500		ug/Kg	50	04/09/1996	llj	8240 (1)
Methyl Ethyl Ketone	<1,000		ug/Kg	100	04/09/1996	llj	8240 (1)
4-Methyl-2-pentanone (MIBK)	<500		ug/Kg	50	04/09/1996	llj	8240 (1)
Methylene chloride	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Styrene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,1,2,2-Tetrachloroethane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Tetrachloroethene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Toluene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,1,1-Trichloroethane	960		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,1,2-Trichloroethane	120		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Trichloroethene	7,600		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Trichlorofluoromethane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Vinyl Chloride	<100		ug/Kg	10	04/09/1996	llj	8240 (1)
o-Xylene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
m,p-Xylenes	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Xylenes, total	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Surr: 1,2-Dichloroethane-d4	104.6		%	70-121	04/09/1996	llj	8240 (1)
Surr: Toluene-d8	106.2		%	81-117	04/09/1996	llj	8240 (1)
Surr: Bromofluorobenzene	104.4		%	74-121	04/09/1996	llj	8240 (1)

VOA ANALYZED AT A 10X DILUTION

NATIONAL ENVIRONMENTAL TESTING, INC.®

Bartlett Division
850 W. Bartlett Rd.
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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349454

NET Job No.: 96.02264

Sample Description: VWKC03-36A
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:50

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	82.2		%	0.1	04/01/1996	tdw	2540 (4)
VOLATILE COMPDS 8240 - NONAQ							
Acetone	<1,000		ug/Kg	100	04/09/1996	llj	8240 (1)
Acrolein	<1,000		ug/Kg	100	04/09/1996	llj	8240 (1)
Acrylonitrile	<1,000		ug/Kg	100	04/09/1996	llj	8240 (1)
Benzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Bromoform	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Bromomethane	<100		ug/Kg	10	04/09/1996	llj	8240 (1)
Carbon Disulfide	<1,000		ug/Kg	100	04/09/1996	llj	8240 (1)
Carbon Tetrachloride	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Chlorobenzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
2-Chloroethylvinyl ether	<100		ug/Kg	10	04/09/1996	llj	8240 (1)
Chlorodibromomethane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Chloroethane	<100		ug/Kg	10	04/09/1996	llj	8240 (1)
Chloroform	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Chloromethane	<100		ug/Kg	10	04/09/1996	llj	8240 (1)
Dichlorobromomethane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,2-Dichlorobenzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,3-Dichlorobenzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,4-Dichlorobenzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,1-Dichloroethane	120		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,2-Dichloroethane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,1-Dichloroethene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
cis-1,2-Dichloroethene	990		ug/Kg	5.0	04/09/1996	llj	8240 (1)

VOA ANALYZED AT A 10X DILUTION

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349454

NET Job No.: 96.02264

Sample Description: VWKC03-36A
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:50

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
trans-1,2-Dichloroethene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,2-Dichloropropane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
cis-1,3-Dichloropropene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
trans-1,3-Dichloropropene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Ethyl Benzene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
2-Hexanone	<500		ug/Kg	50	04/09/1996	llj	8240 (1)
Methyl Ethyl Ketone	<1,000		ug/Kg	100	04/09/1996	llj	8240 (1)
4-Methyl-2-pentanone (MIBK)	<500		ug/Kg	50	04/09/1996	llj	8240 (1)
Methylene chloride	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Styrene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,1,2,2-Tetrachloroethane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Tetrachloroethene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Toluene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,1,1-Trichloroethane	280		ug/Kg	5.0	04/09/1996	llj	8240 (1)
1,1,2-Trichloroethane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Trichloroethene	4,000		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Trichlorofluoromethane	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Vinyl Chloride	<100		ug/Kg	10	04/09/1996	llj	8240 (1)
o-Xylene	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
m,p-Xylenes	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Xylenes, total	<50		ug/Kg	5.0	04/09/1996	llj	8240 (1)
Surr: 1,2-Dichloroethane-d4	100.0		%	70-121	04/09/1996	llj	8240 (1)
Surr: Toluene-d8	104.4		%	81-117	04/09/1996	llj	8240 (1)
Surr: Bromofluorobenzene	104.6		%	74-121	04/09/1996	llj	8240 (1)

VOA ANALYZED AT A 10X DILUTION

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349455

NET Job No.: 96.02264

Sample Description: VWKC07
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 11:55

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	82.7		%	0.1	04/01/1996	tdw	2540 (4)
Arsenic, GFAA	22		ug/g	0.50	04/09/1996	jmt	7060 (1)
Barium, ICP	220		ug/g	1.0	04/09/1996	amj	6010 (1)
Cadmium, ICP	3.54		ug/g	0.50	04/09/1996	amj	6010 (1)
Chromium, ICP	24		ug/g	2.0	04/09/1996	amj	6010 (1)
Lead, ICP	172		ug/g	4.0	04/09/1996	amj	6010 (1)
Mercury, CVAA	0.03		ug/g	0.02	04/04/1996	jmt	7471 (1)
Selenium, GFAA	<0.60		ug/g	0.50	04/09/1996	jmt	7740 (1)
Silver, AA	<2.4		ug/g	2.0	04/03/1996	jmt	7760 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349456

NET Job No.: 96.02264

Sample Description: VWKC03-36B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:53

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Cyanide, total	<0.10		ug/g	0.10	04/08/1996	tdw	9010 (1)
pH, Non aqueous	8.35		units	0.10	04/04/1996	sdf	9040 (1)
Solids, Total	79.0		%	0.1	04/01/1996	tdw	2540 (4)
Arsenic, GFAA	3.3		ug/g	0.50	04/09/1996	jmt	7060 (1)
Barium, ICP	178		ug/g	1.0	04/09/1996	amj	6010 (1)
Cadmium, ICP	<0.64		ug/g	0.50	04/09/1996	amj	6010 (1)
Chromium, ICP	9.67		ug/g	2.0	04/09/1996	amj	6010 (1)
Lead, ICP	16		ug/g	4.0	04/09/1996	amj	6010 (1)
Mercury, CVAA	<0.03		ug/g	0.02	04/04/1996	jmt	7471 (1)
Selenium, GFAA	<0.60		ug/g	0.50	04/09/1996	jmt	7740 (1)
Silver, AA	<2.5		ug/g	2.0	04/03/1996	jmt	7760 (1)
PREP, BN Nonaqueous	extracted				04/03/1996	out	3540 (1)
PREP, Acid Ext. Nonaqueous	extracted				04/03/1996	out	3540 (1)
ACID CMPDS - 8270 NONAQUEOUS							
4-Chloro-3-methylphenol	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
2-Chlorophenol	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
2,4-Dichlorophenol	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
2,4-Dimethylphenol	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
2,4-Dinitrophenol	<1,600		ug/Kg	1,600	04/09/1996	rla	8270 (1)
2-Methyl-4,6-dinitrophenol	<1,600		ug/Kg	1,600	04/09/1996	rla	8270 (1)
2-Nitrophenol	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
4-Nitrophenol	<1,600		ug/Kg	1,600	04/09/1996	rla	8270 (1)
Pentachlorophenol	<1,600		ug/Kg	1,600	04/09/1996	rla	8270 (1)
Phenol	<330		ug/Kg	330	04/09/1996	rla	8270 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349456

NET Job No.: 96.02264

Sample Description: VWKC03-36B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:53

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
2,4,6-Trichlorophenol	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
BASE/NEUTRALS-8270 NONAQUEOUS							
Acenaphthene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Acenaphthylene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Anthracene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Benzidine	<1,600		ug/Kg	1,600	04/09/1996	rla	8270 (1)
Benzo(a)anthracene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Benzo(b)fluoranthene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Benzo(k)fluoranthene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Benzo(g,h,i)perylene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Benzo(a)pyrene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Benzyl butyl phthalate	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Bis(2-chloroethoxy)methane	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Bis(2-chloroethyl)ether	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Bis(2-chloroisopropyl)ether	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Bis(2-ethylhexyl)phthalate	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
4-Bromophenyl phenyl ether	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
2-Chloronaphthalene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
4-Chlorophenyl phenyl ether	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Chrysene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Dibenzo(a,h)anthracene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Di-n-butyl phthalate	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
1,2-Dichlorobenzene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
1,3-Dichlorobenzene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349456

NET Job No.: 96.02264

Sample Description: VWKC03-36B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:53

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
1,4-Dichlorobenzene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
3,3'-Dichlorobenzidine	<660		ug/Kg	660	04/09/1996	rla	8270 (1)
Diethyl phthalate	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Dimethyl phthalate	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
2,4-Dinitrotoluene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
2,6-Dinitrotoluene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Di-n-octyl phthalate	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Fluoranthene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Fluorene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Hexachlorobenzene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Hexachlorobutadiene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Hexachlorocyclopentadiene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Hexachloroethane	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Indeno(1,2,3-cd)pyrene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Isophorone	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Naphthalene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Nitrobenzene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
N-Nitrosodimethylamine	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
N-Nitrosodi-n-propylamine	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
N-Nitrosodiphenylamine	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Phenanthrene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Pyrene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
1,2,4-Trichlorobenzene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Surr: Phenol-d6	55.5		%	24-113	04/09/1996	rla	8270 (1)
Surr: 2-Fluorophenol	41.8		%	25-121	04/09/1996	rla	8270 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349456

NET Job No.: 96.02264

Sample Description: VWKC03-36B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:53

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Surr: Nitrobenzene-d5	66.0		%	23-120	04/09/1996	rla	8270 (1)
Surr: 2-Fluorobiphenyl	58.7		%	30-115	04/09/1996	rla	8270 (1)
Surr: Terphenyl-d14	53.7		%	18-137	04/09/1996	rla	8270 (1)
Surr: 2,4,6-Tribromophenol	66.5		%	19-122	04/09/1996	rla	8270 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349457

NET Job No.: 96.02264

Sample Description: VWKC04-36B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 11:25

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Cyanide, total	<0.10		ug/g	0.10	04/08/1996	tdw	9010 (1)
pH, Non aqueous	7.74		units	0.10	04/04/1996	sdf	9040 (1)
Solids, Total	78.2		%	0.1	04/01/1996	tdw	2540 (4)
Arsenic, GFAA	1.9	M+	ug/g	0.50	04/09/1996	jmt	7060 (1)
Barium, ICP	204		ug/g	1.0	04/08/1996	amj	6010 (1)
Cadmium, ICP	0.80		ug/g	0.50	04/08/1996	amj	6010 (1)
Chromium, ICP	8.05		ug/g	2.0	04/08/1996	amj	6010 (1)
Lead, ICP	18		ug/g	4.0	04/08/1996	amj	6010 (1)
Mercury, CVAA	<0.03		ug/g	0.02	04/04/1996	jmt	7471 (1)
Selenium, GFAA	<0.60		ug/g	0.50	04/09/1996	jmt	7740 (1)
Silver, AA	<2.5		ug/g	2.0	04/03/1996	jmt	7760 (1)
PREP, BN Nonaqueous	extracted				04/03/1996	out	3540 (1)
PREP, Acid Ext. Nonaqueous	extracted				04/03/1996	out	3540 (1)
ACID CMPDS - 8270 NONAQUEOUS							
4-Chloro-3-methylphenol	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
2-Chlorophenol	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
2,4-Dichlorophenol	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
2,4-Dimethylphenol	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
2,4-Dinitrophenol	<1,600		ug/Kg	1,600	04/09/1996	rla	8270 (1)
2-Methyl-4,6-dinitrophenol	<1,600		ug/Kg	1,600	04/09/1996	rla	8270 (1)
2-Nitrophenol	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
4-Nitrophenol	<1,600		ug/Kg	1,600	04/09/1996	rla	8270 (1)
Pentachlorophenol	<1,600		ug/Kg	1,600	04/09/1996	rla	8270 (1)
Phenol	<330		ug/Kg	330	04/09/1996	rla	8270 (1)

M+ : Analyte quantified by MSA due to low spike recovery.

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349457

NET Job No.: 96.02264

Sample Description: VWKC04-36B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 11:25

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
2,4,6-Trichlorophenol	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
BASE/NEUTRALS-8270 NONAQUEOUS							
Acenaphthene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Acenaphthylene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Anthracene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Benzidine	<1,600		ug/Kg	1,600	04/09/1996	rla	8270 (1)
Benzo(a)anthracene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Benzo(b)fluoranthene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Benzo(k)fluoranthene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Benzo(g,h,i)perylene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Benzo(a)pyrene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Benzyl butyl phthalate	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Bis(2-chloroethoxy)methane	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Bis(2-chloroethyl)ether	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Bis(2-chloroisopropyl)ether	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Bis(2-ethylhexyl)phthalate	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
4-Bromophenyl phenyl ether	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
2-Chloronaphthalene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
4-Chlorophenyl phenyl ether	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Chrysene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Dibenzo(a,h)anthracene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Di-n-butyl phthalate	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
1,2-Dichlorobenzene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
1,3-Dichlorobenzene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.®

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349457

NET Job No.: 96.02264

Sample Description: VWKC04-36B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 11:25

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
1,4-Dichlorobenzene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
3,3'-Dichlorobenzidine	<660		ug/Kg	660	04/09/1996	rla	8270 (1)
Diethyl phthalate	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Dimethyl phthalate	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
2,4-Dinitrotoluene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
2,6-Dinitrotoluene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Di-n-octyl phthalate	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Fluoranthene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Fluorene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Hexachlorobenzene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Hexachlorobutadiene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Hexachlorocyclopentadiene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Hexachloroethane	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Indeno(1,2,3-cd)pyrene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Isophorone	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Naphthalene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Nitrobenzene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
N-Nitrosodimethylamine	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
N-Nitrosodi-n-propylamine	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
N-Nitrosodiphenylamine	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Phenanthrene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Pyrene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
1,2,4-Trichlorobenzene	<330		ug/Kg	330	04/09/1996	rla	8270 (1)
Surr: Phenol-d6	56.5		%	24-113	04/09/1996	rla	8270 (1)
Surr: 2-Fluorophenol	45.9		%	25-121	04/09/1996	rla	8270 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349457

NET Job No.: 96.02264

Sample Description: VWKC04-36B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 11:25

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Surr: Nitrobenzene-d5	69.8		%	23-120	04/09/1996	rla	8270 (1)
Surr: 2-Fluorobiphenyl	57.0		%	30-115	04/09/1996	rla	8270 (1)
Surr: Terphenyl-d14	57.3		%	18-137	04/09/1996	rla	8270 (1)
Surr: 2,4,6-Tribromophenol	64.0		%	19-122	04/09/1996	rla	8270 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349458

NET Job No.: 96.02264

Sample Description: VWKC05B-SS
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 11:45

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Cyanide, total	<0.10		ug/g	0.10	04/08/1996	tdw	9010 (1)
pH, Non aqueous	9.16		units	0.10	04/04/1996	sdf	9040 (1)
Solids, Total	71.8		%	0.1	04/01/1996	tdw	2540 (4)
Arsenic, GFAA	6.5		ug/g	0.50	04/09/1996	jmt	7060 (1)
Barium, ICP	76		ug/g	1.0	04/09/1996	amj	6010 (1)
Cadmium, ICP	0.944		ug/g	0.50	04/09/1996	amj	6010 (1)
Chromium, ICP	17		ug/g	2.0	04/09/1996	amj	6010 (1)
Lead, ICP	77		ug/g	4.0	04/09/1996	amj	6010 (1)
Mercury, CVAA	<0.03		ug/g	0.02	04/04/1996	jmt	7471 (1)
Selenium, GFAA	<0.60		ug/g	0.50	04/09/1996	jmt	7740 (1)
Silver, AA	<2.8		ug/g	2.0	04/03/1996	jmt	7760 (1)
PREP, BN Nonaqueous	extracted				04/03/1996	out	3540 (1)
PREP, Acid Ext. Nonaqueous	extracted				04/03/1996	out	3540 (1)
ACID CMPDS - 8270 NONAQUEOUS							
4-Chloro-3-methylphenol	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
2-Chlorophenol	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
2,4-Dichlorophenol	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
2,4-Dimethylphenol	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
2,4-Dinitrophenol	<32,000		ug/Kg	1,600	04/17/1996	rla	8270 (1)
2-Methyl-4,6-dinitrophenol	<32,000		ug/Kg	1,600	04/17/1996	rla	8270 (1)
2-Nitrophenol	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
4-Nitrophenol	<32,000		ug/Kg	1,600	04/17/1996	rla	8270 (1)
Pentachlorophenol	<32,000		ug/Kg	1,600	04/17/1996	rla	8270 (1)
Phenol	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)

BNA ANALYZED AT A 20X DILUTION

NATIONAL ENVIRONMENTAL TESTING, INC.

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349458

NET Job No.: 96.02264

Sample Description: VWKC05B-SS
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 11:45

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
2,4,6-Trichlorophenol	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
BASE/NEUTRALS-8270 NONAQUEOUS							
Acenaphthene	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
Acenaphthylene	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
Anthracene	14,000		ug/Kg	330	04/17/1996	rla	8270 (1)
Benzidine	<32,000		ug/Kg	1,600	04/17/1996	rla	8270 (1)
Benzo(a)anthracene	51,000		ug/Kg	330	04/17/1996	rla	8270 (1)
Benzo(b)fluoranthene	46,000		ug/Kg	330	04/17/1996	rla	8270 (1)
Benzo(k)fluoranthene	28,000		ug/Kg	330	04/17/1996	rla	8270 (1)
Benzo(g,h,i)perylene	29,000		ug/Kg	330	04/17/1996	rla	8270 (1)
Benzo(a)pyrene	41,000		ug/Kg	330	04/17/1996	rla	8270 (1)
Benzyl butyl phthalate	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
Bis(2-chloroethoxy)methane	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
Bis(2-chloroethyl)ether	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
Bis(2-chloroisopropyl)ether	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
Bis(2-ethylhexyl)phthalate	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
4-Bromophenyl phenyl ether	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
2-Chloronaphthalene	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
4-Chlorophenyl phenyl ether	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
Chrysene	48,000		ug/Kg	330	04/17/1996	rla	8270 (1)
Dibenzo(a,h)anthracene	14,000		ug/Kg	330	04/17/1996	rla	8270 (1)
Di-n-butyl phthalate	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
1,2-Dichlorobenzene	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
1,3-Dichlorobenzene	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)

BNA ANALYZED AT A 20X DILUTION

NATIONAL ENVIRONMENTAL TESTING, INC.

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349458

NET Job No.: 96.02264

Sample Description: VWKC05B-SS
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 11:45

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
1,4-Dichlorobenzene	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
3,3'-Dichlorobenzidine	<13,000		ug/Kg	660	04/17/1996	rla	8270 (1)
Diethyl phthalate	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
Dimethyl phthalate	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
2,4-Dinitrotoluene	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
2,6-Dinitrotoluene	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
Di-n-octyl phthalate	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
Fluoranthene	81,000		ug/Kg	330	04/17/1996	rla	8270 (1)
Fluorene	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
Hexachlorobenzene	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
Hexachlorobutadiene	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
Hexachlorocyclopentadiene	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
Hexachloroethane	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
Indeno(1,2,3-cd)pyrene	28,000		ug/Kg	330	04/17/1996	rla	8270 (1)
Isophorone	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
Naphthalene	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
Nitrobenzene	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
N-Nitrosodimethylamine	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
N-Nitrosodi-n-propylamine	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
N-Nitrosodiphenylamine	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
Phenanthrene	55,000		ug/Kg	330	04/17/1996	rla	8270 (1)
Pyrene	72,000		ug/Kg	330	04/17/1996	rla	8270 (1)
1,2,4-Trichlorobenzene	<6,600		ug/Kg	330	04/17/1996	rla	8270 (1)
Surr: Phenol-d6	Diluted out		%	24-113	04/17/1996	rla	8270 (1)
Surr: 2-Fluorophenol	Diluted out		%	25-121	04/17/1996	rla	8270 (1)

BNA ANALYZED AT A 20X DILUTION

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349458

NET Job No.: 96.02264

Sample Description: VWKC05B-SS
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 11:45

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Surr: Nitrobenzene-d5	Diluted out		%	23-120	04/17/1996	rla	8270 (1)
Surr: 2-Fluorobiphenyl	Diluted out		%	30-115	04/17/1996	rla	8270 (1)
Surr: Terphenyl-d14	Diluted out		%	18-137	04/17/1996	rla	8270 (1)
Surr: 2,4,6-Tribromophenol	Diluted out		%	19-122	04/17/1996	rla	8270 (1)

BNA ANALYZED AT A 20X DILUTION

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349459

NET Job No.: 96.02264

Sample Description: VWKC02B-6
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 09:00

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Cyanide, total	0.17		ug/g	0.10	04/08/1996	tdw	9010 (1)
pH, Non aqueous	8.31		units	0.10	04/04/1996	sdf	9040 (1)
Solids, Total	90.2		%	0.1	04/01/1996	tdw	2540 (4)
Arsenic, GFAA	1.3		ug/g	0.50	04/09/1996	jmt	7060 (1)
Barium, ICP	68		ug/g	1.0	04/09/1996	amj	6010 (1)
Cadmium, ICP	<0.58		ug/g	0.50	04/09/1996	amj	6010 (1)
Chromium, ICP	4.68		ug/g	2.0	04/09/1996	amj	6010 (1)
Lead, ICP	51		ug/g	4.0	04/09/1996	amj	6010 (1)
Mercury, CVAA	<0.03		ug/g	0.02	04/04/1996	jmt	7471 (1)
Selenium, GFAA	<0.60		ug/g	0.50	04/09/1996	jmt	7740 (1)
Silver, AA	5.1		ug/g	2.0	04/03/1996	jmt	7760 (1)
PREP, BN Nonaqueous	extracted				04/03/1996	out	3540 (1)
PREP, Acid Ext. Nonaqueous	extracted				04/03/1996	out	3540 (1)
ACID CMPDS - 8270 NONAQUEOUS							
4-Chloro-3-methylphenol	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
2-Chlorophenol	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
2,4-Dichlorophenol	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
2,4-Dimethylphenol	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
2,4-Dinitrophenol	<16,000		ug/Kg	1,600	04/10/1996	rla	8270 (1)
2-Methyl-4,6-dinitrophenol	<16,000		ug/Kg	1,600	04/10/1996	rla	8270 (1)
2-Nitrophenol	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
4-Nitrophenol	<16,000		ug/Kg	1,600	04/10/1996	rla	8270 (1)
Pentachlorophenol	<16,000		ug/Kg	1,600	04/10/1996	rla	8270 (1)
Phenol	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)

BNA ANALYZED AT A 10X DILUTION

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349459

NET Job No.: 96.02264

Sample Description: VWKC02B-6
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 09:00

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
2,4,6-Trichlorophenol	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
BASE/NEUTRALS-8270 NONAQUEOUS							
Acenaphthene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Acenaphthylene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Anthracene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzidine	<16,000		ug/Kg	1,600	04/10/1996	rla	8270 (1)
Benzo(a)anthracene	3,800		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzo(b)fluoranthene	3,800		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzo(k)fluoranthene	3,600		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzo(g,h,i)perylene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzo(a)pyrene	3,500		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzyl butyl phthalate	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Bis(2-chloroethoxy)methane	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Bis(2-chloroethyl)ether	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Bis(2-chloroisopropyl)ether	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Bis(2-ethylhexyl)phthalate	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
4-Bromophenyl phenyl ether	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
2-Chloronaphthalene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
4-Chlorophenyl phenyl ether	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Chrysene	4,200		ug/Kg	330	04/10/1996	rla	8270 (1)
Dibenzo(a,h)anthracene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Di-n-butyl phthalate	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
1,2-Dichlorobenzene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
1,3-Dichlorobenzene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)

BNA ANALYZED AT A 10X DILUTION

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349459

NET Job No.: 96.02264

Sample Description: VWKC02B-6
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 09:00

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
1,4-Dichlorobenzene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
3,3'-Dichlorobenzidine	<6,600		ug/Kg	660	04/10/1996	rla	8270 (1)
Diethyl phthalate	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Dimethyl phthalate	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
2,4-Dinitrotoluene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
2,6-Dinitrotoluene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Di-n-octyl phthalate	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Fluoranthene	8,600		ug/Kg	330	04/10/1996	rla	8270 (1)
Fluorene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Hexachlorobenzene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Hexachlorobutadiene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Hexachlorocyclopentadiene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Hexachloroethane	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Indeno(1,2,3-cd)pyrene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Isophorone	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Naphthalene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Nitrobenzene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
N-Nitrosodimethylamine	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
N-Nitrosodi-n-propylamine	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
N-Nitrosodiphenylamine	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Phenanthrene	3,700		ug/Kg	330	04/10/1996	rla	8270 (1)
Pyrene	5,400		ug/Kg	330	04/10/1996	rla	8270 (1)
1,2,4-Trichlorobenzene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Surr: Phenol-d6	Diluted out		%	24-113	04/10/1996	rla	8270 (1)
Surr: 2-Fluorophenol	Diluted out		%	25-121	04/10/1996	rla	8270 (1)

BNA ANALYZED AT A 10X DILUTION

NATIONAL ENVIRONMENTAL TESTING, INC.

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349459

NET Job No.: 96.02264

Sample Description: VWKC02B-6
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 09:00

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Surr: Nitrobenzene-d5	Diluted out		%	23-120	04/10/1996	rla	8270 (1)
Surr: 2-Fluorobiphenyl	Diluted out		%	30-115	04/10/1996	rla	8270 (1)
Surr: Terphenyl-d14	Diluted out		%	18-137	04/10/1996	rla	8270 (1)
Surr: 2,4,6-Tribromophenol	Diluted out		%	19-122	04/10/1996	rla	8270 (1)

BNA ANALYZED AT A 10X DILUTION

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349460

NET Job No.: 96.02264

Sample Description: VWKC06
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 11:50

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	79.9		%	0.1	04/01/1996	tdw	2540 (4)
Arsenic, GFAA	4.9		ug/g	0.50	04/09/1996	jmt	7060 (1)
Barium, ICP	241		ug/g	1.0	04/09/1996	amj	6010 (1)
Cadmium, ICP	1.31		ug/g	0.50	04/09/1996	amj	6010 (1)
Chromium, ICP	16		ug/g	2.0	04/09/1996	amj	6010 (1)
Lead, ICP	155		ug/g	4.0	04/09/1996	amj	6010 (1)
Mercury, CVAA	<0.03		ug/g	0.02	04/04/1996	jmt	7471 (1)
Selenium, GFAA	<0.60		ug/g	0.50	04/09/1996	jmt	7740 (1)
Silver, AA	<2.5		ug/g	2.0	04/03/1996	jmt	7760 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349461

NET Job No.: 96.02264

Sample Description: VWKC01-6B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken:

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Cyanide, total	0.27		ug/g	0.10	04/08/1996	tdw	9010 (1)
pH, Non aqueous	7.76		units	0.10	04/04/1996	sdf	9040 (1)
Solids, Total	83.4		%	0.1	04/01/1996	tdw	2540 (4)
Arsenic, GFAA	12		ug/g	0.50	04/09/1996	jmt	7060 (1)
Barium, ICP	450		ug/g	1.0	04/09/1996	amj	6010 (1)
Cadmium, ICP	1.54		ug/g	0.50	04/09/1996	amj	6010 (1)
Chromium, ICP	55		ug/g	2.0	04/09/1996	amj	6010 (1)
Lead, ICP	521		ug/g	4.0	04/09/1996	amj	6010 (1)
Mercury, CVAA	0.06		ug/g	0.02	04/04/1996	jmt	7471 (1)
Selenium, GFAA	<0.60		ug/g	0.50	04/09/1996	jmt	7740 (1)
Silver, AA	<2.4		ug/g	2.0	04/03/1996	jmt	7760 (1)
PREP, BN Nonaqueous	extracted				04/03/1996	out	3540 (1)
PREP, Acid Ext. Nonaqueous*	extracted				04/03/1996	out	3540 (1)
ACID CMPDS - 8270 NONAQUEOUS							
4-Chloro-3-methylphenol	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
2-Chlorophenol	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
2,4-Dichlorophenol	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
2,4-Dimethylphenol	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
2,4-Dinitrophenol	<16,000		ug/Kg	1,600	04/10/1996	rla	8270 (1)
2-Methyl-4,6-dinitrophenol	<16,000		ug/Kg	1,600	04/10/1996	rla	8270 (1)
2-Nitrophenol	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
4-Nitrophenol	<16,000		ug/Kg	1,600	04/10/1996	rla	8270 (1)
Pentachlorophenol	<16,000		ug/Kg	1,600	04/10/1996	rla	8270 (1)
Phenol	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)

BNA ANALYZED AT A 10X DILUTION

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349461

NET Job No.: 96.02264

Sample Description: VWKC01-6B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken:

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
2,4,6-Trichlorophenol	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
BASE/NEUTRALS-8270 NONAQUEOUS							
Acenaphthene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Acenaphthylene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Anthracene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzidine	<16,000		ug/Kg	1,600	04/10/1996	rla	8270 (1)
Benzo(a)anthracene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzo(b)fluoranthene	3,400		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzo(k)fluoranthene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzo(g,h,i)perylene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzo(a)pyrene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzyl butyl phthalate	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Bis(2-chloroethoxy)methane	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Bis(2-chloroethyl)ether	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Bis(2-chloroisopropyl)ether	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Bis(2-ethylhexyl)phthalate	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
4-Bromophenyl phenyl ether	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
2-Chloronaphthalene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
4-Chlorophenyl phenyl ether	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Chrysene	3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Dibenzo(a,h)anthracene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Di-n-butyl phthalate	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
1,2-Dichlorobenzene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
1,3-Dichlorobenzene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)

BNA ANALYZED AT A 10X DILUTION

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349461

NET Job No.: 96.02264

Sample Description: VWKC01-6B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken:

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
1,4-Dichlorobenzene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
3,3'-Dichlorobenzidine	<6,600		ug/Kg	660	04/10/1996	rla	8270 (1)
Diethyl phthalate	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Dimethyl phthalate	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
2,4-Dinitrotoluene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
2,6-Dinitrotoluene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Di-n-octyl phthalate	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Fluoranthene	7,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Fluorene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Hexachlorobenzene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Hexachlorobutadiene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Hexachlorocyclopentadiene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Hexachloroethane	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Indeno(1,2,3-cd)pyrene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Isophorone	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Naphthalene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Nitrobenzene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
N-Nitrosodimethylamine	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
N-Nitrosodi-n-propylamine	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
N-Nitrosodiphenylamine	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Phenanthrene	6,100		ug/Kg	330	04/10/1996	rla	8270 (1)
Pyrene	5,300		ug/Kg	330	04/10/1996	rla	8270 (1)
1,2,4-Trichlorobenzene	<3,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Surr: Phenol-d6	Diluted out		%	24-113	04/10/1996	rla	8270 (1)
Surr: 2-Fluorophenol	Diluted out		%	25-121	04/10/1996	rla	8270 (1)

BNA ANALYZED AT A 10X DILUTION

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ANALYTICAL REPORT

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BASCOR ENVIRONMENTAL
800 W. Central
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04/17/1996

Sample No. : 349461

NET Job No.: 96.02264

Sample Description: VWKC01-6B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken:

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Surr: Nitrobenzene-d5	Diluted out		%	23-120	04/10/1996	rla	8270 (1)
Surr: 2-Fluorobiphenyl	Diluted out		%	30-115	04/10/1996	rla	8270 (1)
Surr: Terphenyl-d14	Diluted out		%	18-137	04/10/1996	rla	8270 (1)
Surr: 2,4,6-Tribromophenol	Diluted out		%	19-122	04/10/1996	rla	8270 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349462

NET Job No.: 96.02264

Sample Description: VWKC02-36B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:15

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Cyanide, total	0.17		ug/g	0.10	04/08/1996	tdw	9010 (1)
pH, Non aqueous	8.11		units	0.10	04/04/1996	sdf	9040 (1)
Solids, Total	80.2		%	0.1	04/01/1996	tdw	2540 (4)
Arsenic, GFAA	2.5		ug/g	0.50	04/09/1996	jmt	7060 (1)
Barium, ICP	193		ug/g	1.0	04/09/1996	amj	6010 (1)
Cadmium, ICP	<0.65		ug/g	0.50	04/09/1996	amj	6010 (1)
Chromium, ICP	8.90		ug/g	2.0	04/09/1996	amj	6010 (1)
Lead, ICP	246		ug/g	4.0	04/09/1996	amj	6010 (1)
Mercury, CVAA	0.05		ug/g	0.02	04/04/1996	jmt	7471 (1)
Selenium, GFAA	<0.60		ug/g	0.50	04/09/1996	jmt	7740 (1)
Silver, AA	<2.5		ug/g	2.0	04/03/1996	jmt	7760 (1)
PREP, BN Nonaqueous	extracted				04/03/1996	out	3540 (1)
PREP, Acid Ext. Nonaqueous	extracted				04/03/1996	out	3540 (1)
ACID CMPDS - 8270 NONAQUEOUS							
4-Chloro-3-methylphenol	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
2-Chlorophenol	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
2,4-Dichlorophenol	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
2,4-Dimethylphenol	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
2,4-Dinitrophenol	<1,600		ug/Kg	1,600	04/10/1996	rla	8270 (1)
2-Methyl-4,6-dinitrophenol	<1,600		ug/Kg	1,600	04/10/1996	rla	8270 (1)
2-Nitrophenol	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
4-Nitrophenol	<1,600		ug/Kg	1,600	04/10/1996	rla	8270 (1)
Pentachlorophenol	<1,600		ug/Kg	1,600	04/10/1996	rla	8270 (1)
Phenol	<330		ug/Kg	330	04/10/1996	rla	8270 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349462

NET Job No.: 96.02264

Sample Description: VWKC02-36B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:15

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
2,4,6-Trichlorophenol	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
BASE/NEUTRALS-8270 NONAQUEOUS							
Acenaphthene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Acenaphthylene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Anthracene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzidine	<1,600		ug/Kg	1,600	04/10/1996	rla	8270 (1)
Benzo(a)anthracene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzo(b)fluoranthene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzo(k)fluoranthene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzo(g,h,i)perylene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzo(a)pyrene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzyl butyl phthalate	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Bis(2-chloroethoxy)methane	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Bis(2-chloroethyl)ether	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Bis(2-chloroisopropyl)ether	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Bis(2-ethylhexyl)phthalate	420		ug/Kg	330	04/10/1996	rla	8270 (1)
4-Bromophenyl phenyl ether	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
2-Chloronaphthalene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
4-Chlorophenyl phenyl ether	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Chrysene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Dibenzo(a,h)anthracene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Di-n-butyl phthalate	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
1,2-Dichlorobenzene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
1,3-Dichlorobenzene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.

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ANALYTICAL REPORT

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Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349462

NET Job No.: 96.02264

Sample Description: VWKC02-36B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:15

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
1,4-Dichlorobenzene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
3,3'-Dichlorobenzidine	<660		ug/Kg	660	04/10/1996	rla	8270 (1)
Diethyl phthalate	360		ug/Kg	330	04/10/1996	rla	8270 (1)
Dimethyl phthalate	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
2,4-Dinitrotoluene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
2,6-Dinitrotoluene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Di-n-octyl phthalate	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Fluoranthene	350		ug/Kg	330	04/10/1996	rla	8270 (1)
Fluorene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Hexachlorobenzene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Hexachlorobutadiene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Hexachlorocyclopentadiene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Hexachloroethane	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Indeno(1,2,3-cd)pyrene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Isophorone	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Naphthalene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Nitrobenzene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
N-Nitrosodimethylamine	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
N-Nitrosodi-n-propylamine	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
N-Nitrosodiphenylamine	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Phenanthrene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Pyrene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
1,2,4-Trichlorobenzene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Surr: Phenol-d6	53.5		%	24-113	04/10/1996	rla	8270 (1)
Surr: 2-Fluorophenol	33.5		%	25-121	04/10/1996	rla	8270 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349462

NET Job No.: 96.02264

Sample Description: VWKC02-36B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:15

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Surr: Nitrobenzene-d5	63.7		%	23-120	04/10/1996	rla	8270 (1)
Surr: 2-Fluorobiphenyl	60.3		%	30-115	04/10/1996	rla	8270 (1)
Surr: Terphenyl-d14	58.0		%	18-137	04/10/1996	rla	8270 (1)
Surr: 2,4,6-Tribromophenol	69.0		%	19-122	04/10/1996	rla	8270 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349463

NET Job No.: 96.02264

Sample Description: VWKC03-6B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:35

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Cyanide, total	0.40		ug/g	0.10	04/08/1996	tdw	9010 (1)
pH, Non aqueous	8.60		units	0.10	04/04/1996	sdf	9040 (1)
Solids, Total	91.3		%	0.1	04/01/1996	tdw	2540 (4)
Arsenic, GFAA	2.1		ug/g	0.50	04/09/1996	jmt	7060 (1)
Barium, ICP	141		ug/g	1.0	04/09/1996	amj	6010 (1)
Cadmium, ICP	<0.55		ug/g	0.50	04/09/1996	amj	6010 (1)
Chromium, ICP	7.82		ug/g	2.0	04/09/1996	amj	6010 (1)
Lead, ICP	118		ug/g	4.0	04/09/1996	amj	6010 (1)
Mercury, CVAA	<0.03		ug/g	0.02	04/04/1996	jmt	7471 (1)
Selenium, GFAA	<0.60		ug/g	0.50	04/09/1996	jmt	7740 (1)
Silver, AA	5.6		ug/g	2.0	04/03/1996	jmt	7760 (1)
PREP, BN Nonaqueous	extracted				04/03/1996	out	3540 (1)
PREP, Acid Ext. Nonaqueous	extracted				04/03/1996	out	3540 (1)
ACID CMPDS - 8270 NONAQUEOUS							
4-Chloro-3-methylphenol	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
2-Chlorophenol	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
2,4-Dichlorophenol	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
2,4-Dimethylphenol	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
2,4-Dinitrophenol	<1,600		ug/Kg	1,600	04/10/1996	rla	8270 (1)
2-Methyl-4,6-dinitrophenol	<1,600		ug/Kg	1,600	04/10/1996	rla	8270 (1)
2-Nitrophenol	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
4-Nitrophenol	<1,600		ug/Kg	1,600	04/10/1996	rla	8270 (1)
Pentachlorophenol	<1,600		ug/Kg	1,600	04/10/1996	rla	8270 (1)
Phenol	<330		ug/Kg	330	04/10/1996	rla	8270 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349463

NET Job No.: 96.02264

Sample Description: VWKC03-6B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:35

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
2,4,6-Trichlorophenol	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
BASE/NEUTRALS-8270 NONAQUEOUS							
Acenaphthene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Acenaphthylene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Anthracene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzidine	<1,600		ug/Kg	1,600	04/10/1996	rla	8270 (1)
Benzo(a)anthracene	610		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzo(b)fluoranthene	570		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzo(k)fluoranthene	400		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzo(g,h,i)perylene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzo(a)pyrene	430		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzyl butyl phthalate	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Bis(2-chloroethoxy)methane	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Bis(2-chloroethyl)ether	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Bis(2-chloroisopropyl)ether	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Bis(2-ethylhexyl)phthalate	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
4-Bromophenyl phenyl ether	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
2-Chloronaphthalene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
4-Chlorophenyl phenyl ether	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Chrysene	630		ug/Kg	330	04/10/1996	rla	8270 (1)
Dibenzo(a,h)anthracene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Di-n-butyl phthalate	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
1,2-Dichlorobenzene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
1,3-Dichlorobenzene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349463

NET Job No.: 96.02264

Sample Description: VWKC03-6B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:35

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
1,4-Dichlorobenzene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
3,3'-Dichlorobenzidine	<660		ug/Kg	660	04/10/1996	rla	8270 (1)
Diethyl phthalate	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Dimethyl phthalate	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
2,4-Dinitrotoluene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
2,6-Dinitrotoluene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Di-n-octyl phthalate	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Fluoranthene	1,300		ug/Kg	330	04/10/1996	rla	8270 (1)
Fluorene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Hexachlorobenzene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Hexachlorobutadiene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Hexachlorocyclopentadiene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Hexachloroethane	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Indeno(1,2,3-cd)pyrene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Isophorone	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Naphthalene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Nitrobenzene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
N-Nitrosodimethylamine	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
N-Nitrosodi-n-propylamine	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
N-Nitrosodiphenylamine	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Phenanthrene	780		ug/Kg	330	04/10/1996	rla	8270 (1)
Pyrene	1,000		ug/Kg	330	04/10/1996	rla	8270 (1)
1,2,4-Trichlorobenzene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Surr: Phenol-d6	59.5		%	24-113	04/10/1996	rla	8270 (1)
Surr: 2-Fluorophenol	46.4		%	25-121	04/10/1996	rla	8270 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349463

NET Job No.: 96.02264

Sample Description: VWKC03-6B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:35

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Surr: Nitrobenzene-d5	74.4		%	23-120	04/10/1996	rla	8270 (1)
Surr: 2-Fluorobiphenyl	64.2		%	30-115	04/10/1996	rla	8270 (1)
Surr: Terphenyl-d14	68.9		%	18-137	04/10/1996	rla	8270 (1)
Surr: 2,4,6-Tribromophenol	72.5		%	19-122	04/10/1996	rla	8270 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
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04/17/1996

Sample No. : 349464

NET Job No.: 96.02264

Sample Description: VWKC08
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 11:52

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Solids, Total	87.3		%	0.1	04/01/1996	tdw	2540 (4)
Arsenic, GFAA	33		ug/g	0.50	04/09/1996	jmt	7060 (1)
Barium, ICP	315		ug/g	1.0	04/09/1996	amj	6010 (1)
Cadmium, ICP	4.08		ug/g	0.50	04/09/1996	amj	6010 (1)
Chromium, ICP	47		ug/g	2.0	04/09/1996	amj	6010 (1)
Lead, ICP	280		ug/g	4.0	04/09/1996	amj	6010 (1)
Mercury, CVAA	0.15		ug/g	0.02	04/04/1996	jmt	7471 (1)
Selenium, GFAA	<0.60		ug/g	0.50	04/09/1996	jmt	7740 (1)
Silver, AA	<2.3		ug/g	2.0	04/03/1996	jmt	7760 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349466

NET Job No.: 96.02264

Sample Description: VWKC01-36B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:05

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Cyanide, total	<0.10		ug/g	0.10	04/08/1996	tdw	9010 (1)
pH, Non aqueous	8.17		units	0.10	04/04/1996	sdf	9040 (1)
Solids, Total	81.8		%	0.1	04/01/1996	tdw	2540 (4)
Arsenic, GFAA	1.9		ug/g	0.50	04/09/1996	jmt	7060 (1)
Barium, ICP	200		ug/g	1.0	04/09/1996	amj	6010 (1)
Cadmium, ICP	0.67		ug/g	0.50	04/09/1996	amj	6010 (1)
Chromium, ICP	6.96		ug/g	2.0	04/09/1996	amj	6010 (1)
Lead, ICP	16		ug/g	4.0	04/09/1996	amj	6010 (1)
Mercury, CVAA	<0.03		ug/g	0.02	04/04/1996	jmt	7471 (1)
Selenium, GFAA	<0.60		ug/g	0.50	04/09/1996	jmt	7740 (1)
Silver, AA	<2.5		ug/g	2.0	04/03/1996	jmt	7760 (1)
PREP, BN Nonaqueous	extracted				04/03/1996	out	3540 (1)
PREP, Acid Ext. Nonaqueous	extracted				04/03/1996	out	3540 (1)
ACID CMPDS - 8270 NONAQUEOUS							
4-Chloro-3-methylphenol	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
2-Chlorophenol	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
2,4-Dichlorophenol	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
2,4-Dimethylphenol	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
2,4-Dinitrophenol	<1,600		ug/Kg	1,600	04/08/1996	rla	8270 (1)
2-Methyl-4,6-dinitrophenol	<1,600		ug/Kg	1,600	04/08/1996	rla	8270 (1)
2-Nitrophenol	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
4-Nitrophenol	<1,600		ug/Kg	1,600	04/08/1996	rla	8270 (1)
Pentachlorophenol	<1,600		ug/Kg	1,600	04/08/1996	rla	8270 (1)
Phenol	<330		ug/Kg	330	04/08/1996	rla	8270 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349466

NET Job No.: 96.02264

Sample Description: VWKC01-36B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:05

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
2,4,6-Trichlorophenol	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
BASE/NEUTRALS-8270 NONAQUEOUS							
Acenaphthene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Acenaphthylene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Anthracene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Benzidine	<1,600		ug/Kg	1,600	04/08/1996	rla	8270 (1)
Benzo(a)anthracene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Benzo(b)fluoranthene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Benzo(k)fluoranthene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Benzo(g,h,i)perylene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Benzo(a)pyrene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Benzyl butyl phthalate	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Bis(2-chloroethoxy)methane	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Bis(2-chloroethyl)ether	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Bis(2-chloroisopropyl)ether	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Bis(2-ethylhexyl)phthalate	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
4-Bromophenyl phenyl ether	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
2-Chloronaphthalene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
4-Chlorophenyl phenyl ether	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Chrysene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Dibenzo(a,h)anthracene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Di-n-butyl phthalate	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
1,2-Dichlorobenzene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
1,3-Dichlorobenzene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349466

NET Job No.: 96.02264

Sample Description: VWKC01-36B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:05

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
1,4-Dichlorobenzene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
3,3'-Dichlorobenzidine	<660		ug/Kg	660	04/08/1996	rla	8270 (1)
Diethyl phthalate	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Dimethyl phthalate	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
2,4-Dinitrotoluene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
2,6-Dinitrotoluene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Di-n-octyl phthalate	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Fluoranthene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Fluorene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Hexachlorobenzene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Hexachlorobutadiene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Hexachlorocyclopentadiene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Hexachloroethane	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Indeno(1,2,3-cd)pyrene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Isophorone	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Naphthalene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Nitrobenzene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
N-Nitrosodimethylamine	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
N-Nitrosodi-n-propylamine	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
N-Nitrosodiphenylamine	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Phenanthrene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Pyrene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
1,2,4-Trichlorobenzene	<330		ug/Kg	330	04/08/1996	rla	8270 (1)
Surr: Phenol-d6	64.0		%	24-113	04/08/1996	rla	8270 (1)
Surr: 2-Fluorophenol	51.0		%	25-121	04/08/1996	rla	8270 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.®

Bartlett Division
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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349466

NET Job No.: 96.02264

Sample Description: VWKC01-36B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 10:05

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Surr: Nitrobenzene-d5	74.4		%	23-120	04/08/1996	rla	8270 (1)
Surr: 2-Fluorobiphenyl	64.4		%	30-115	04/08/1996	rla	8270 (1)
Surr: Terphenyl-d14	65.7		%	18-137	04/08/1996	rla	8270 (1)
Surr: 2,4,6-Tribromophenol	52.0		%	19-122	04/08/1996	rla	8270 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349467

NET Job No.: 96.02264

Sample Description: VWKC04-6B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken:

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Cyanide, total	<0.10		ug/g	0.10	04/08/1996	tdw	9010 (1)
pH, Non aqueous	8.60		units	0.10	04/04/1996	sdf	9040 (1)
Solids, Total	85.6		%	0.1	04/01/1996	tdw	2540 (4)
Arsenic, GFAA	9.1		ug/g	0.50	04/09/1996	jmt	7060 (1)
Barium, ICP	188		ug/g	1.0	04/09/1996	amj	6010 (1)
Cadmium, ICP	1.48		ug/g	0.50	04/09/1996	amj	6010 (1)
Chromium, ICP	30		ug/g	2.0	04/09/1996	amj	6010 (1)
Lead, ICP	173		ug/g	4.0	04/09/1996	amj	6010 (1)
Mercury, CVAA	0.06		ug/g	0.02	04/04/1996	jmt	7471 (1)
Selenium, GFAA	<0.60		ug/g	0.50	04/09/1996	jmt	7740 (1)
Silver, AA	<2.4		ug/g	2.0	04/03/1996	jmt	7760 (1)
PREP, BN Nonaqueous	extracted				04/03/1996	out	3540 (1)
PREP, Acid Ext. Nonaqueous	extracted				04/03/1996	out	3540 (1)
ACID CMPDS - 8270 NONAQUEOUS							
4-Chloro-3-methylphenol	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
2-Chlorophenol	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
2,4-Dichlorophenol	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
2,4-Dimethylphenol	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
2,4-Dinitrophenol	<1,600		ug/Kg	1,600	04/10/1996	rla	8270 (1)
2-Methyl-4,6-dinitrophenol	<1,600		ug/Kg	1,600	04/10/1996	rla	8270 (1)
2-Nitrophenol	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
4-Nitrophenol	<1,600		ug/Kg	1,600	04/10/1996	rla	8270 (1)
Pentachlorophenol	<1,600		ug/Kg	1,600	04/10/1996	rla	8270 (1)
Phenol	<330		ug/Kg	330	04/10/1996	rla	8270 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349467

NET Job No.: 96.02264

Sample Description: VWKC04-6B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken:

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
2,4,6-Trichlorophenol	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
BASE/NEUTRALS-8270 NONAQUEOUS							
Acenaphthene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Acenaphthylene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Anthracene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzidine	<1,600		ug/Kg	1,600	04/10/1996	rla	8270 (1)
Benzo(a)anthracene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzo(b)fluoranthene	380		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzo(k)fluoranthene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzo(g,h,i)perylene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzo(a)pyrene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Benzyl butyl phthalate	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Bis(2-chloroethoxy)methane	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Bis(2-chloroethyl)ether	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Bis(2-chloroisopropyl)ether	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Bis(2-ethylhexyl)phthalate	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
4-Bromophenyl phenyl ether	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
2-Chloronaphthalene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
4-Chlorophenyl phenyl ether	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Chrysene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Dibenzo(a,h)anthracene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Di-n-butyl phthalate	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
1,2-Dichlorobenzene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
1,3-Dichlorobenzene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349467

NET Job No.: 96.02264

Sample Description: VWKC04-6B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken:

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
1,4-Dichlorobenzene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
3,3'-Dichlorobenzidine	<660		ug/Kg	660	04/10/1996	rla	8270 (1)
Diethyl phthalate	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Dimethyl phthalate	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
2,4-Dinitrotoluene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
2,6-Dinitrotoluene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Di-n-octyl phthalate	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Fluoranthene	580		ug/Kg	330	04/10/1996	rla	8270 (1)
Fluorene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Hexachlorobenzene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Hexachlorobutadiene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Hexachlorocyclopentadiene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Hexachloroethane	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Indeno(1,2,3-cd)pyrene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Isophorone	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Naphthalene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Nitrobenzene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
N-Nitrosodimethylamine	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
N-Nitrosodi-n-propylamine	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
N-Nitrosodiphenylamine	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Phenanthrene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Pyrene	450		ug/Kg	330	04/10/1996	rla	8270 (1)
1,2,4-Trichlorobenzene	<330		ug/Kg	330	04/10/1996	rla	8270 (1)
Surr: Phenol-d6	52.5		%	24-113	04/10/1996	rla	8270 (1)
Surr: 2-Fluorophenol	39.9		%	25-121	04/10/1996	rla	8270 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349467

NET Job No.: 96.02264

Sample Description: VWKC04-6B
VWR UC; 130

Date Taken: 03/27/1996
Time Taken:

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Surr: Nitrobenzene-d5	72.1		%	23-120	04/10/1996	rla	8270 (1)
Surr: 2-Fluorobiphenyl	61.2		%	30-115	04/10/1996	rla	8270 (1)
Surr: Terphenyl-d14	63.3		%	18-137	04/10/1996	rla	8270 (1)
Surr: 2,4,6-Tribromophenol	52.5		%	19-122	04/10/1996	rla	8270 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349468

NET Job No.: 96.02264

Sample Description: VWKC-FB04
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 08:35

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
VOLATILE COMPDS - 8240 AQUEOUS							
Acetone	<20		ug/L	20	04/03/1996	llj	8240 (1)
Acrolein	<50		ug/L	50	04/03/1996	llj	8240 (1)
Acrylonitrile	<50		ug/L	50	04/03/1996	llj	8240 (1)
Benzene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Bromoform	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Bromomethane	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Carbon Disulfide	<20		ug/L	20	04/03/1996	llj	8240 (1)
Carbon Tetrachloride	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Chlorobenzene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Chlorodibromomethane	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Chloroethane	<2.0		ug/L	2.0	04/03/1996	llj	8240 (1)
2-Chloroethylvinyl ether	<2.0		ug/L	2.0	04/03/1996	llj	8240 (1)
Chloroform	13		ug/L	1.0	04/03/1996	llj	8240 (1)
Chloromethane	<10		ug/L	10	04/03/1996	llj	8240 (1)
1,2-Dichlorobenzene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
1,3-Dichlorobenzene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
1,4-Dichlorobenzene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Dichlorobromomethane	3.8		ug/L	1.0	04/03/1996	llj	8240 (1)
1,1-Dichloroethane	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
1,2-Dichloroethane	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
1,1-Dichloroethene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
cis-1,2-Dichloroethene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
trans-1,2-Dichloroethene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
1,2-Dichloropropane	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349468

NET Job No.: 96.02264

Sample Description: VWKC-FB04
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 08:35

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
cis-1,3-Dichloropropene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
trans-1,3-Dichloropropene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Ethyl Benzene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
2-Hexanone	<20		ug/L	20	04/03/1996	llj	8240 (1)
Methyl Ethyl Ketone	<20		ug/L	20	04/03/1996	llj	8240 (1)
4-Methyl-2-pentanone (MIBK)	<20		ug/L	20	04/03/1996	llj	8240 (1)
Methylene chloride	<5.0		ug/L	5.0	04/03/1996	llj	8240 (1)
Styrene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
1,1,2,2-Tetrachloroethane	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Tetrachloroethene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Toluene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
1,1,1-Trichloroethane	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
1,1,2-Trichloroethane	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Trichloroethene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Trichlorofluoromethane	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Vinyl Chloride	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Xylenes, total	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
m,p Xylenes	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
o-Xylenes	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Surr: 1,2-Dichloroethane-d4	98.0		%	76-114	04/03/1996	llj	8240 (1)
Surr: Toluene-d8	109.6		%	88-110	04/03/1996	llj	8240 (1)
Surr: 4-Bromofluorobenzene	96.6		%	86-115	04/03/1996	llj	8240 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349469

NET Job No.: 96.02264

Sample Description: Trip Blank
VWR UC; 130

Date Taken: 03/27/1996
Time Taken:

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
VOLATILE COMPDS - 8240 AQUEOUS							
Acetone	<20		ug/L	20	04/03/1996	llj	8240 (1)
Acrolein	<50		ug/L	50	04/03/1996	llj	8240 (1)
Acrylonitrile	<50		ug/L	50	04/03/1996	llj	8240 (1)
Benzene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Bromoform	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Bromomethane	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Carbon Disulfide	<20		ug/L	20	04/03/1996	llj	8240 (1)
Carbon Tetrachloride	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Chlorobenzene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Chlorodibromomethane	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Chloroethane	<2.0		ug/L	2.0	04/03/1996	llj	8240 (1)
2-Chloroethylvinyl ether	<2.0		ug/L	2.0	04/03/1996	llj	8240 (1)
Chloroform	32		ug/L	1.0	04/03/1996	llj	8240 (1)
Chloromethane	<10		ug/L	10	04/03/1996	llj	8240 (1)
1,2-Dichlorobenzene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
1,3-Dichlorobenzene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
1,4-Dichlorobenzene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Dichlorobromomethane	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
1,1-Dichloroethane	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
1,2-Dichloroethane	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
1,1-Dichloroethene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
cis-1,2-Dichloroethene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
trans-1,2-Dichloroethene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
1,2-Dichloropropane	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349469

NET Job No.: 96.02264

Sample Description: Trip Blank
VWR UC; 130

Date Taken: 03/27/1996
Time Taken:

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
cis-1,3-Dichloropropene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
trans-1,3-Dichloropropene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Ethyl Benzene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
2-Hexanone	<20		ug/L	20	04/03/1996	llj	8240 (1)
Methyl Ethyl Ketone	32		ug/L	20	04/03/1996	llj	8240 (1)
4-Methyl-2-pentanone (MIBK)	<20		ug/L	20	04/03/1996	llj	8240 (1)
Methylene chloride	<5.0		ug/L	5.0	04/03/1996	llj	8240 (1)
Styrene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
1,1,2,2-Tetrachloroethane	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Tetrachloroethene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Toluene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
1,1,1-Trichloroethane	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
1,1,2-Trichloroethane	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Trichloroethene	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Trichlorofluoromethane	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Vinyl Chloride	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Xylenes, total	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
m,p Xylenes	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
o-Xylenes	<1.0		ug/L	1.0	04/03/1996	llj	8240 (1)
Surr: 1,2-Dichloroethane-d4	100.0		%	76-114	04/03/1996	llj	8240 (1)
Surr: Toluene-d8	108.8		%	88-110	04/03/1996	llj	8240 (1)
Surr: 4-Bromofluorobenzene	99.6		%	86-115	04/03/1996	llj	8240 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349470

NET Job No.: 96.02264

Sample Description: VWKCDS
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 12:00

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
VOLATILE COMPDS - 8240 AQUEOUS							
Acetone	<20		ug/L	20	04/04/1996	llj	8240 (1)
Acrolein	<50		ug/L	50	04/04/1996	llj	8240 (1)
Acrylonitrile	<50		ug/L	50	04/04/1996	llj	8240 (1)
Benzene	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
Bromoform	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
Bromomethane	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
Carbon Disulfide	<20		ug/L	20	04/04/1996	llj	8240 (1)
Carbon Tetrachloride	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
Chlorobenzene	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
Chlorodibromomethane	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
Chloroethane	<2.0		ug/L	2.0	04/04/1996	llj	8240 (1)
2-Chloroethylvinyl ether	<2.0		ug/L	2.0	04/04/1996	llj	8240 (1)
Chloroform	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
Chloromethane	<10		ug/L	10	04/04/1996	llj	8240 (1)
1,2-Dichlorobenzene	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
1,3-Dichlorobenzene	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
1,4-Dichlorobenzene	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
Dichlorobromomethane	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
1,1-Dichloroethane	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
1,2-Dichloroethane	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
1,1-Dichloroethene	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
cis-1,2-Dichloroethene	1.9		ug/L	1.0	04/04/1996	llj	8240 (1)
trans-1,2-Dichloroethene	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
1,2-Dichloropropane	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349470

NET Job No.: 96.02264

Sample Description: VWKCDS
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 12:00

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
cis-1,3-Dichloropropene	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
trans-1,3-Dichloropropene	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
Ethyl Benzene	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
2-Hexanone	<20		ug/L	20	04/04/1996	llj	8240 (1)
Methyl Ethyl Ketone	<20		ug/L	20	04/04/1996	llj	8240 (1)
4-Methyl-2-pentanone (MIBK)	<20		ug/L	20	04/04/1996	llj	8240 (1)
Methylene chloride	<5.0		ug/L	5.0	04/04/1996	llj	8240 (1)
Styrene	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
1,1,2,2-Tetrachloroethane	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
Tetrachloroethene	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
Toluene	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
1,1,1-Trichloroethane	4.5		ug/L	1.0	04/04/1996	llj	8240 (1)
1,1,2-Trichloroethane	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
Trichloroethene	38		ug/L	1.0	04/04/1996	llj	8240 (1)
Trichlorofluoromethane	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
Vinyl Chloride	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
Xylenes, total	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
m,p Xylenes	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
o-Xylenes	<1.0		ug/L	1.0	04/04/1996	llj	8240 (1)
Surr: 1,2-Dichloroethane-d4	95.0		%	76-114	04/04/1996	llj	8240 (1)
Surr: Toluene-d8	104.4		%	88-110	04/04/1996	llj	8240 (1)
Surr: 4-Bromofluorobenzene	103.4		%	86-115	04/04/1996	llj	8240 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349471

NET Job No.: 96.02264

Sample Description: VWKC-FB01
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 08:35

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
pH	4.61		units	0.10	03/29/1996	sdf	150.1(3)
PREP, ACID EXT. AQUEOUS	extracted				04/01/1996	keh	3500 (1)
PREP, BN AQUEOUS	extracted				04/01/1996	keh	3500 (1)
ACID CMPDS - 8270 AQUEOUS							
4-Chloro-3-methylphenol	<10		ug/L	10	04/04/1996	rla	8270 (1)
2-Chlorophenol	<10		ug/L	10	04/04/1996	rla	8270 (1)
2,4-Dichlorophenol	<10		ug/L	10	04/04/1996	rla	8270 (1)
2,4-Dimethylphenol	<10		ug/L	10	04/04/1996	rla	8270 (1)
2,4-Dinitrophenol	<50		ug/L	50	04/04/1996	rla	8270 (1)
2-Methyl-4,6-dinitrophenol	<50		ug/L	50	04/04/1996	rla	8270 (1)
2-Nitrophenol	<10		ug/L	10	04/04/1996	rla	8270 (1)
4-Nitrophenol	<50		ug/L	50	04/04/1996	rla	8270 (1)
Pentachlorophenol	<50		ug/L	50	04/04/1996	rla	8270 (1)
Phenol	<10		ug/L	10	04/04/1996	rla	8270 (1)
2,4,6-Trichlorophenol	<10		ug/L	10	04/04/1996	rla	8270 (1)
Surr: Phenol-d6	41.9		%	10-94	04/04/1996	rla	8270 (1)
Surr: 2-Fluorophenol	55.0		%	21-100	04/04/1996	rla	8270 (1)
Surr: 2,4,6-Tribromophenol	72.5		%	10-123	04/04/1996	rla	8270 (1)

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Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349471

NET Job No.: 96.02264

Sample Description: VWKC-FB01
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 08:35

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
BASE/NEUTRALS - 8270 AQUEOUS							
Acenaphthene	<10		ug/L	10	04/04/1996	rla	8270 (1)
Acenaphthylene	<10		ug/L	10	04/04/1996	rla	8270 (1)
Anthracene	<10		ug/L	10	04/04/1996	rla	8270 (1)
Benzidine	<50		ug/L	50	04/04/1996	rla	8270 (1)
Benzo(a)anthracene	<10		ug/L	10	04/04/1996	rla	8270 (1)
Benzo(b)fluoranthene	<10		ug/L	10	04/04/1996	rla	8270 (1)
Benzo(k)fluoranthene	<10		ug/L	10	04/04/1996	rla	8270 (1)
Benzo(g,h,i)perylene	<10		ug/L	10	04/04/1996	rla	8270 (1)
Benzo(a)pyrene	<10		ug/L	10	04/04/1996	rla	8270 (1)
Benzyl butyl phthalate	<10		ug/L	10	04/04/1996	rla	8270 (1)
Bis(2-chloroethoxy)methane	<10		ug/L	10	04/04/1996	rla	8270 (1)
Bis(2-chloroethyl)ether	<10		ug/L	10	04/04/1996	rla	8270 (1)
Bis(2-chloroisopropyl)ether	<10		ug/L	10	04/04/1996	rla	8270 (1)
Bis(2-ethylhexyl)phthalate	<10		ug/L	10	04/04/1996	rla	8270 (1)
4-Bromophenyl phenyl ether	<10		ug/L	10	04/04/1996	rla	8270 (1)
2-Chloronaphthalene	<10		ug/L	10	04/04/1996	rla	8270 (1)
4-Chlorophenyl phenyl ether	<10		ug/L	10	04/04/1996	rla	8270 (1)
Chrysene	<10		ug/L	10	04/04/1996	rla	8270 (1)
Dibenzo(a,h)anthracene	<10		ug/L	10	04/04/1996	rla	8270 (1)
Di-n-butyl phthalate	<10		ug/L	10	04/04/1996	rla	8270 (1)
1,2-Dichlorobenzene	<10		ug/L	10	04/04/1996	rla	8270 (1)
1,3-Dichlorobenzene	<10		ug/L	10	04/04/1996	rla	8270 (1)
1,4-Dichlorobenzene	<10		ug/L	10	04/04/1996	rla	8270 (1)
3,3'-Dichlorobenzidine	<20		ug/L	20	04/04/1996	rla	8270 (1)

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349471

NET Job No.: 96.02264

Sample Description: VWKC-FB01
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 08:35

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Diethyl phthalate	<10		ug/L	10	04/04/1996	rla	8270 (1)
Dimethyl phthalate	<10		ug/L	10	04/04/1996	rla	8270 (1)
2,4-Dinitrotoluene	<10		ug/L	10	04/04/1996	rla	8270 (1)
2,6-Dinitrotoluene	<10		ug/L	10	04/04/1996	rla	8270 (1)
Di-n-octyl phthalate	<10		ug/L	10	04/04/1996	rla	8270 (1)
Fluoranthene	<10		ug/L	10	04/04/1996	rla	8270 (1)
Fluorene	<10		ug/L	10	04/04/1996	rla	8270 (1)
Hexachlorobenzene	<10		ug/L	10	04/04/1996	rla	8270 (1)
Hexachlorobutadiene	<10		ug/L	10	04/04/1996	rla	8270 (1)
Hexachlorocyclopentadiene	<10		ug/L	10	04/04/1996	rla	8270 (1)
Hexachloroethane	<10		ug/L	10	04/04/1996	rla	8270 (1)
Indeno(1,2,3-cd)pyrene	<10		ug/L	10	04/04/1996	rla	8270 (1)
Isophorone	<10		ug/L	10	04/04/1996	rla	8270 (1)
Naphthalene	<10		ug/L	10	04/04/1996	rla	8270 (1)
Nitrobenzene	<10		ug/L	10	04/04/1996	rla	8270 (1)
N-Nitrosodimethylamine	<10		ug/L	10	04/04/1996	rla	8270 (1)
N-Nitrosodi-n-propylamine	<10		ug/L	10	04/04/1996	rla	8270 (1)
N-Nitrosodiphenylamine	<10		ug/L	10	04/04/1996	rla	8270 (1)
Phenanthrene	<10		ug/L	10	04/04/1996	rla	8270 (1)
Pyrene	<10		ug/L	10	04/04/1996	rla	8270 (1)
1,2,4-Trichlorobenzene	<10		ug/L	10	04/04/1996	rla	8270 (1)
Surr: Nitrobenzene-d5	79.8		%	35-114	04/04/1996	rla	8270 (1)
Surr: 2-Fluorobiphenyl	63.9		%	43-116	04/04/1996	rla	8270 (1)
Surr: Terphenyl-d14	65.9		%	33-141	04/04/1996	rla	8270 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349472

NET Job No.: 96.02264

Sample Description: VWKC-FB03
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 08:35

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Arsenic, GFAA	<0.0050		mg/L	0.0050	04/09/1996	jmt	7060 (1)
Barium, ICP	<0.020		mg/L	0.020	04/09/1996	amj	6010 (1)
Cadmium, ICP	<0.010		mg/L	0.010	04/09/1996	amj	6010 (1)
Chromium, ICP	<0.040		mg/L	0.040	04/09/1996	amj	6010 (1)
Lead, GFAA	<0.0050		mg/L	0.0050	04/08/1996	jmt	7421 (1)
Mercury, CVAA	<0.0002		mg/L	0.0002	04/04/1996	jmt	7470 (1)
Selenium, GFAA	<0.0050		mg/L	0.0050	04/09/1996	jmt	7740 (1)
Silver, AA	<0.040		mg/L	0.040	04/01/1996	jmt	7760 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.

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ANALYTICAL REPORT

Mr. Sam Senn
BASCOR ENVIRONMENTAL
800 W. Central
Suite 104N
Mt. Prospect, IL 60056

04/17/1996

Sample No. : 349478

NET Job No.: 96.02264

Sample Description: VWKC-FB02
VWR UC; 130

Date Taken: 03/27/1996
Time Taken: 08:35

Date Received: 03/28/1996
Time Received: 16:35

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Cyanide, total	<0.002		mg/L	0.002	04/03/1996	tdw	335.2(3) 9010(1)

NET Midwest, Bartlett Division

KEY TO ABBREVIATIONS and METHOD REFERENCES

<	:	Less than; When appearing in the results column indicates the analyte was not detected at or above the reported value.
mg/L	:	Concentration in units of milligrams of analyte per liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per million (ppm).
ug/g	:	Concentration in units of micrograms of analyte per gram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per million (ppm) or mg/Kg.
ug/L	:	Concentration in units of micrograms of analyte per liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per billion (ppb).
ug/Kg	:	Concentration in units of micrograms of analyte per kilogram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per billion (ppb).
B	:	Sample result flag indicating that the analyte was also found in the method blank analysis. The value after the B indicates the concentration found in the blank analysis.
D	:	Sample result flag indicating that the reported concentration is from an analysis performed at a dilution. The value following the D indicates the dilution factor of the analysis.
J	:	Sample result flag indicating that the reported concentration is below the routine reporting limit but greater than the Method Detection Limit. The value should be considered estimated.
TCLP	:	These initials appearing in front of an analyte name indicate that the Toxicity Characteristic Leaching Procedure (TCLP) was performed for this test.
%	:	Percent; To convert ppm to %, divide the result by 10,000. To convert % to ppm, multiply the result by 10,000.
Dry Weight (dw)	:	When indicated, the results are reported on a dry weight basis. The contribution of the moisture content in the sample is subtracted when calculating the concentration of the analyte.
ICP	:	Indicates analysis was performed using Inductively Coupled Plasma Spectroscopy.
AA	:	Indicates analysis was performed using Atomic Absorption Spectroscopy.
GFAA	:	Indicates analysis was performed using Graphite Furnace Atomic Absorption Spectroscopy.
PQL	:	Practical Quantitation Limit; the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions.

Method References

(1) Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", USEPA SW-846, 3rd Edition, 1986.

(2) ASTM "American Society for Testing Materials

(3) Methods 100 through 499: see "Methods for Chemical Analysis of Water and Wastes", USEPA, 600/4-79-020, Rev. 1983.

(4) See "Standard Methods for the Examination of Water and Wastewater", 17th Ed, APHA, 1989.

(5) Methods 600 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants", USEPA Federal Register Vol. 49 No. 209, October 1984.

(6) Methods 500 through 599: see "Methods for the Determination of Organic Compounds in Drinking Water," USEPA 600/4-88/039, Rev. 1988.