CDM Camp Dresser & McKee

Remedial Construction Certification Report for the Korkay, Inc. Site No. 5-18-014

Town of Broadalbin, Fulton County
New York

May 2000

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Report

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May 8, 2000

Mr. Jeff Trad, PE
New York State Department of
Environmental Conservation
Division of Environmental Remediation
Bureau of Construction Services
50 Wolf Road
Albany, New York 12233-7010

Subject: Korkay Inc. Site #5-18-014
Remedial Construction Certification

Dear Mr. Trad:

Camp Dresser & McKee (CDM) is pleased to submit 3 final copies of the Remedial Construction Certification Report for the Korkay, Inc. Site located in Broadalbin, New York. The report summarizes remedial activities at the site including soil vapor extraction, groundwater treatment, and combined air sparging and soil vapor extraction.

If you have any questions or need additional information, please call me at 482-3000.

Very truly yours,

CAMP DRESSER & McKEE

John P. Blaum
Project Manager

Approved:

Richard A. Molongoski, P.E.
Associate

Enclosures

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Section 1
Background

1.1 Introduction

This report summarizes the remedial activities associated with the groundwater, soil vapor extraction and air sparge treatment systems at the Korkay Inc. site, Site No. 5-18-014. The site is located in the Town of Broadalbin, Fulton County, New York. The report has been prepared by Camp Dresser & McKee for the New York State Department of Environmental Conservation (NYSDEC).

1.2 Site Description and History

The site is located at 70 West Main Street in the Village of Broadalbin, Fulton County, New York. The Village of Broadalbin, approximately one square mile in size, is located almost entirely within the limits of the Town of Broadalbin. Land uses surrounding the site include a lumberyard and residences to the north, a residence to the west, a church to the east, and West Main Street to the south. Figure 1-1 presents the site location map and Figure 1-2 shows the site plan.

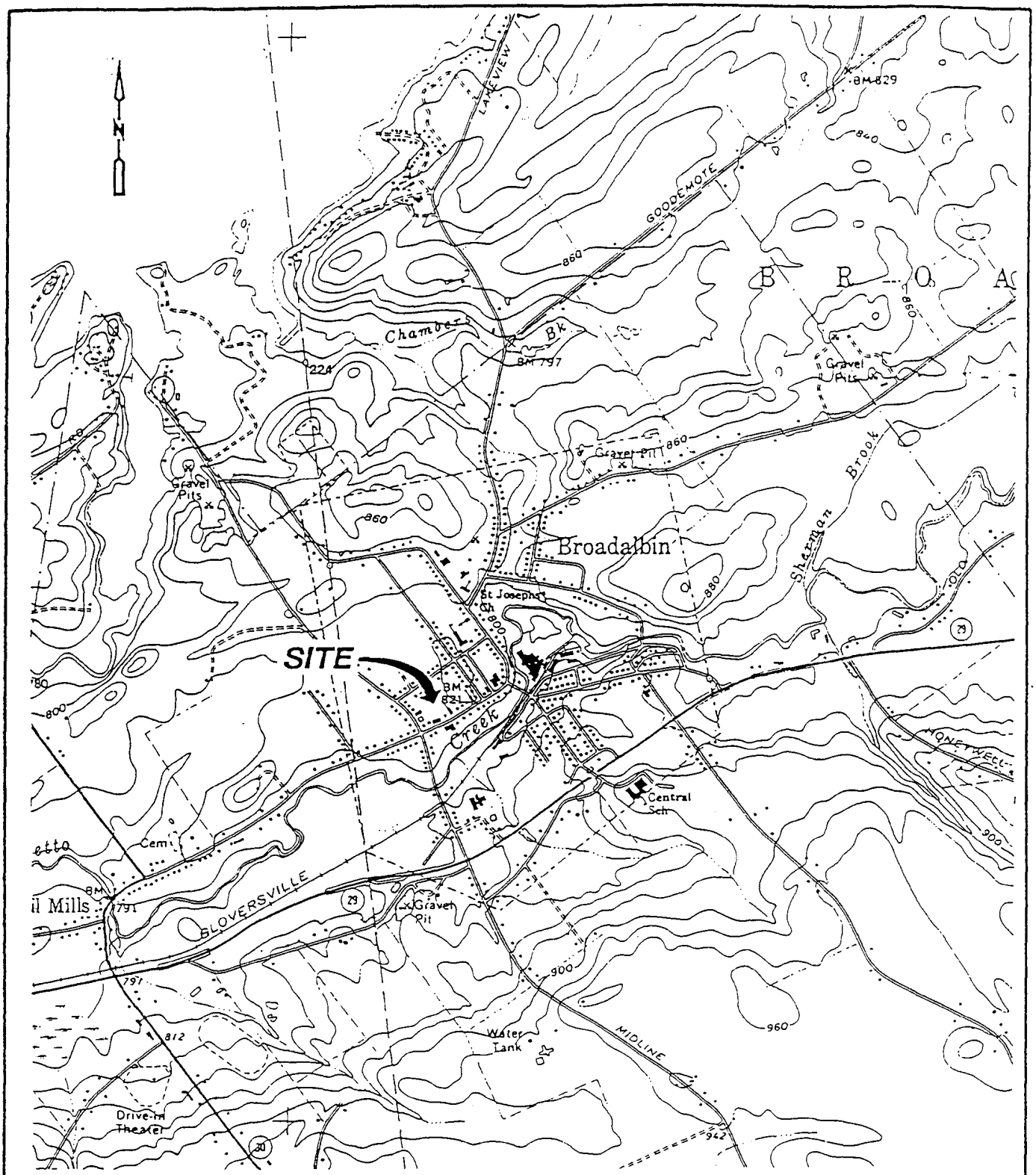
Kenneyetto Creek is the nearest surface water body, located on the south side of West Main Street, approximately 600 feet south of the site. All neighboring homes receive their drinking water from a public water system.

Korkay Inc. was a chemical supply company that, from 1969-1980, bought and stored bulk chemicals from other major chemical companies and blended these chemicals (detergents, solvents, etc.) into products such as car waxes, spray cleaners and hand cleaners. Korkay obtained previously used barrels, the former contents of which were unknown, and washed, stored and relined the barrels on site. Barrel washwater, washwater from spill cleanups, and vat cleaning water was discharged to an on-site septic system and ground surface that resulted in soil and groundwater contamination.

1.3 Summary of Previous Investigations

In 1979, following complaints from the neighboring property owners, personnel from the NYSDEC and NYSDOH conducted an inspection of the facility. During the inspection, it was observed that residue from the stored barrels leaked onto the ground creating puddles of unknown chemicals.

EA Science and Technology collected and analyzed groundwater samples from onsite monitoring wells installed during the preliminary site assessment detected several organic compounds including acetone and trichloroethene in exceedence of NYSDEC standards, criteria and guidance (SCG'S).



Source of map: Broadalbin, NY Quadrangle, USGS

Figure 1-1

Location Map

CDM

environmental engineers, scientists, planners, & management consultants

Karkay Inc. Site - Broadalbin, New York
NYSDEC Site #5-18-014

Hayes Property

GRASS

VEW 1

VEW 4

2" SCH 40 WELLS (TYP 5)

ASW 1

2" SCH 80 PVC

HEAT TRACED AIR AND WATER CONTAINED IN 6" SCH 80 PVC

VEW 2

VEW 3

2" SCH 80 PVC

2" SCH 80 PVC

SOLECT ACTUATED DILUTION VALVE

METALEX FLOW TRANSMITTER

SAMPLE PORT

4"PVC SCH 80 HEADER PIPE

2"SCH40 PVC DISCHARGE

1"SCH40 PVC

1 1/2"CHECK VALVE (QTY=2)

PRESSURE GAUGE (QTY=4)

1/2" TUBING FROM ASW

3/8" AIRLINE TO ASW

3-WAY SOLECT. ACTUATED CONTROL VALVE

2"SCH40 PVC

3/8" AIRLINE TO PUMP

4"x4"x3/8"TEE 5/8"

3-WAY VALVE

ROTAMETER

4"x4"x1/2"TEE 5/16"

4"VALVE

5"SCH40 PVC DISCHARGE

DEWATER PUMP

1/2" TUBING SAMPLE BOARD

1/2"x1/4"x1/4"REDUCER 1/4"T_SOCKX (QTY=4)

1 1/2"TUBING (TYP)

2-45°ELBOWS 1 1/2"PVC

1/2"PVC BALL VALVE (QTY=2)

SIGNET FLOW SENSOR (QTY=2)

WASTEWATER FEED PUMP

2"BJA FITTING

SUMP TANK

SETTLING TANK

MAX 45°

2"BULKHEAD (QTY=7)

PLAIN TANK

POLYMER

CHEMICAL

ALSOP MIXER

METERING PUMP (LAB)

ALSOP MIXER

METERING PUMP (LAB)

NOT USED

NOT USED

NOT USED

AERATION TANK

2"BULK-HEAD FITTING

AERATION BLOWER

2"SCH40 PVC PERFORATED

AIR COMPRESSOR

ELECTRICAL ROOM

2'X3' FLEXGLASS WINDOW

SAMPLE PORT (TYP=2)

36" MANWAY

WALL EDUCTOR MOUNTED 7'-6" AFF FROM BOT. OF UNIT

GRAVITY OPERATED INTAKE LOUVER BOT. 7'-6" AFF

WALKWAY

RAMP DN

OFFICE TRAILER

SHED WITH BOILER

PAVED AREA

CHAIN LINK FENCE

4" PVC TREATED DISCHARGE

STORMWATER CATCH BASIN

GATE

WEST MAIN STREET

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY:
DRAWN BY:
SHEET CHK'D BY:
CROSS CHK'D BY:
APPROVED BY:
DATE:

CAMP DRESSER & McKEE

consulting engineering construction operations

CDM

KORKAY, INC.
BROADALBIN, NEW YORK

Site Plan
Not to Scale

Site Plan

PROJECT NO.
FILE NAME:

SHEET NO.
Figure 1-2

As a result of the inspection conducted by the NYSDEC and NYSDOH, Korkay Inc. installed a 4,000-gallon above ground holding tank in 1980 to contain vat cleaning and spill cleanup washwater. In 1985, Korkay Inc. replaced two underground tanks used for storing fuel oil and bulk chemicals with above ground tanks. Soon afterwards, Korkay, Inc. filed for bankruptcy.

During 1992 and 1993, the NYSDEC conducted another site inspection which resulted in a emergency response. Drums of hazardous wastes were staged and secured and a fence was erected around the rear of the property to control unauthorized access to the property. In 1993, the NYSDEC contracted with Camp, Dresser & McKee (CDM), a consulting engineering firm, to conduct a Remedial Investigations and Feasibility Study (RI/FS) at the Korkay site.

The RI was conducted in two phases. The first phase was conducted between September 1993 and April 1994 while the second phase was conducted between October 1994 and May 1995. The reports entitled Final RI Report dated April 1994 and Final Phase II RI Report dated May 1995 have been prepared describing, in detail, the field activities and findings of the RI.

Soil samples were taken and contamination was discovered. Volatile Organic Compounds (VOCs) detected in soil samples include trichloroethene, xylene, acetone, ethylbenzene and toluene with concentrations ranging from 2.6 to 78 ppm. Semi-volatile organic compounds (SVOCs) detected include di-n-butylphthalate, benzo(a)pyrene, dibernzo(a,h)anthracene and phenol with concentrations ranging from 0.07 to 27 ppm. Pesticides detected include gamma-chlordane, aldrin, heptachlor epoxide, endrin (total) and dieldrin with concentrations ranging from 0.03 to 8.9 ppm.

Contaminants in the groundwater above class GA groundwater standards included the following VOCs (concentrations ranging from 6 to 800 ppb), SVOCs (concentrations ranging from 4 to 100 ppb) and Pesticides (concentrations ranging from 0.1 to 0.8 ppb):

Trichloroethene
1,2 - Dichloroethene
Xylene
Ethylbenzene
Naphthalene
1,2 - Dichlorobenzene
2-Methylphenol
Di-n-butylphthalate
Aldrin
Heptachlor Epoxide
Dieldrin
4-DDE

Soil and groundwater summary tables were presented in Section 4 of the August 1995 Phase II RI/FS report.

Section 2
Summary of Remedial

2.1 General Overview

On January 30, 1997 Allstate Power Vac, Inc. (APV), was selected to complete remedial measures at the site. APV began to mobilize and started work on April 29, 1997.

The major remedial tasks completed at the site included:

- Mobilization to the site. This work included trailer setup, electric & telephone phone hook up, providing sanitary facilities, providing a solid waste disposal dumpster and the delivery of contractor equipment;
- Removal and dispose of all asbestos in the building as delineated in the asbestos survey performed by Hazardous Materials Management (HM2);
- Removing the drums generated by the Department during previous investigations and staging them on a polyethylene sheet with a polyethylene cover located at the north end of the site;
- Removal and disposal of the on-site empty drums to a metals recycler. A large quantity of clean empty containers, cardboard, tires and other plastics were also sent off site and recycled;
- Removing various process chemicals found in the building that were used by the former owner and staging them with the drums;
- Cataloging all of the drums & process chemicals and segregating them into different categories for disposal;
- Demolition of the on-site building, filling the basement with non-biodegradable crushed concrete block and off-site disposal of the remaining demolition debris;
- Filling in the on-site septic tanks and dry wells with sand;
- Removal and off-site disposal of all above and underground storage tanks;
- Removal and off-site disposal of contaminated surface soil.
- Removal and off-site disposal of all drummed material;
- Laboratory packing all process chemicals and off-site disposal.
- Regrading the site, placing topsoil and seeding the entire site;

- Completing all punch list items (i.e. removing miscellaneous debris, repairing the on-site trailer and mowing the lawn); and

- Final Completion issued (September 24, 1997).

Work was completed in accordance with the approved APV project plans and Contract Documents. Substantial Completion was issued on August 29, 1997 and Final Completion was issued on September 24, 1997. The most significant changes from the original contract documents dealt with drum removal and tank removal as discussed in Section 2.2 of this report. Quantity adjustments, based on actual site conditions, and discussed in Section 2.3.

Section 3
Design Investigation

3.1 Treatability Pilot Study

Based on the results of the Phase I and Phase II Remedial Investigations conducted at the site, NYSDEC requested CDM perform a five-day treatability test for soil vapor extraction (SVE) and combined air sparging and soil vapor extraction (CASVE) at a portion of the site designated Area 1.

The SVE/CASVE treatability study was performed from October 24 through October 29, 1994. The purpose of the study was to evaluate the potential for use of SVE/CASVE for remediation of organic contaminants found in Area 1. The treatability study was designed such that the wells installed could be used for future remedial activity in Area 1.

3.2 Well Installations

Five wells were installed, one air sparge/groundwater recovery well (ASW-1) and four SVE wells (VEW-1 through VEW-4) in Area 1. The four SVE wells were installed in a 25-foot square area with ASW-1 in the center of the four wells as shown on Figure 4-1. The construction logs for each well are attached in Appendix A.

3.2.1 Air Sparging Well

The air sparge well was designed to allow the transfer of air to the saturated soil zone. The static depth to water was found to be approximately 8-feet below ground surface (bgs) and a confining layer at approximately 12-feet bgs. The ASW was installed just above the confining layer, with 2-foot nominal length slotted screen set at a depth of 10 to 12 feet bgs.

3.2.2 Vapor Extraction Wells

The SVE wells were designed to provide efficient capture of soil vapors from within the unsaturated (vadose) and capillary soil zones. The wells were installed to a total depth of approximately 9-feet bgs with 5 feet of well screen and 5-feet of riser with the screen approximately 1-foot into the water table. This configuration enabled capture of vapor from the unsaturated and capillary zones during SVE and CASVE.

3.3 SVE/CASVE Treatability Set-up

Since the SVE/CASVE system was operated at very shallow depths, an impermeable surface cover of 6-mil poly sheeting was installed to prevent short-circuiting of the atmospheric air. The poly sheeting was placed over approximately 2,250 square feet of ground surface. The major equipment was placed, piped and powered to perform injection and extraction operations. The 2-inch PVC piping was connected between the header and the individual wells.

3.4 Treatability Study Results

During the treatability-testing phase, monitoring operations were performed to provide the necessary data for system performance test evaluation. The radius of influence for each of the VEWs was found to range between 157 to 242 feet. The SVE operation utilizing all four VEWs yielded much lower vacuum levels than the operation of each individual VEW. The total flow rate for the SVE operation was similar to the maximum flow rates achieved during individual VEW operation. This was due to significant effects of the water table during the SVE operation at vacuum levels over 10 inches of water column (IWC) with all four VEWs in operation. The optimal vacuum level for SVE operation was found to be 10 IWC. A total flow rate of 160 to 180 cubic feet per minute (ACFM) was yielded from all four VEWs and was obtained under this condition.

The CASVE operation was optimized to produce a balance of the air sparging and vapor extraction rates. The vacuum level during CASVE was maintained at 7 to 8 IWC with air flow rates of 130 to 140 ACFM. This lower operating level was required because of groundwater effects caused by the air injection during CASVE. The sparging rate was found to be optimal at approximately 10 ACFM with an injection pressure of 3 to 4 psig. This rate was achieved by slowly increasing the rate to minimize groundwater-mounding effects.

These parameters were utilized for the full-scale unit discussed in the following section.

Section 4
SVE/CASVE and Groundwater Treatment System

A mobile treatment unit owned by NYSDEC was brought to the Korkay Inc. site for SVE/CASVE and groundwater pump and treatment. The unit is enclosed in an 18-wheel tractor-trailer and equipped with the following:

- Soil Vapor Extraction Blower and two 2,000 pound units of vapor phase carbon
- Groundwater treatment unit equipped with pretreatment tanks for removal of metals, pre-carbon high-pressure filters and 9 high-pressure liquid phase carbon vessels, 3 parallel chains with 3 vessels in series.

An Operation and Maintenance plan was prepared by CDM and submitted to NYSDEC in January 1999. The O&M plan describes the treatment unit in detail. Figure 4-1 shows the treatment unit layout and equipment being utilized for SVE/CASVE and groundwater treatment. Figure 4-1 presents a layout of the treatment trailer and equipment utilized for SVE/CASVE and groundwater treatment.

CDM began setting up the treatment unit in January 1998. Electrical and plumbing subcontractors were required to assist in connections to the treatment system. A new electrical service was required consisting of a new pole onsite, 3-phase service, electrical connection to the treatment trailer and heat tracing of potable water and process lines as needed.

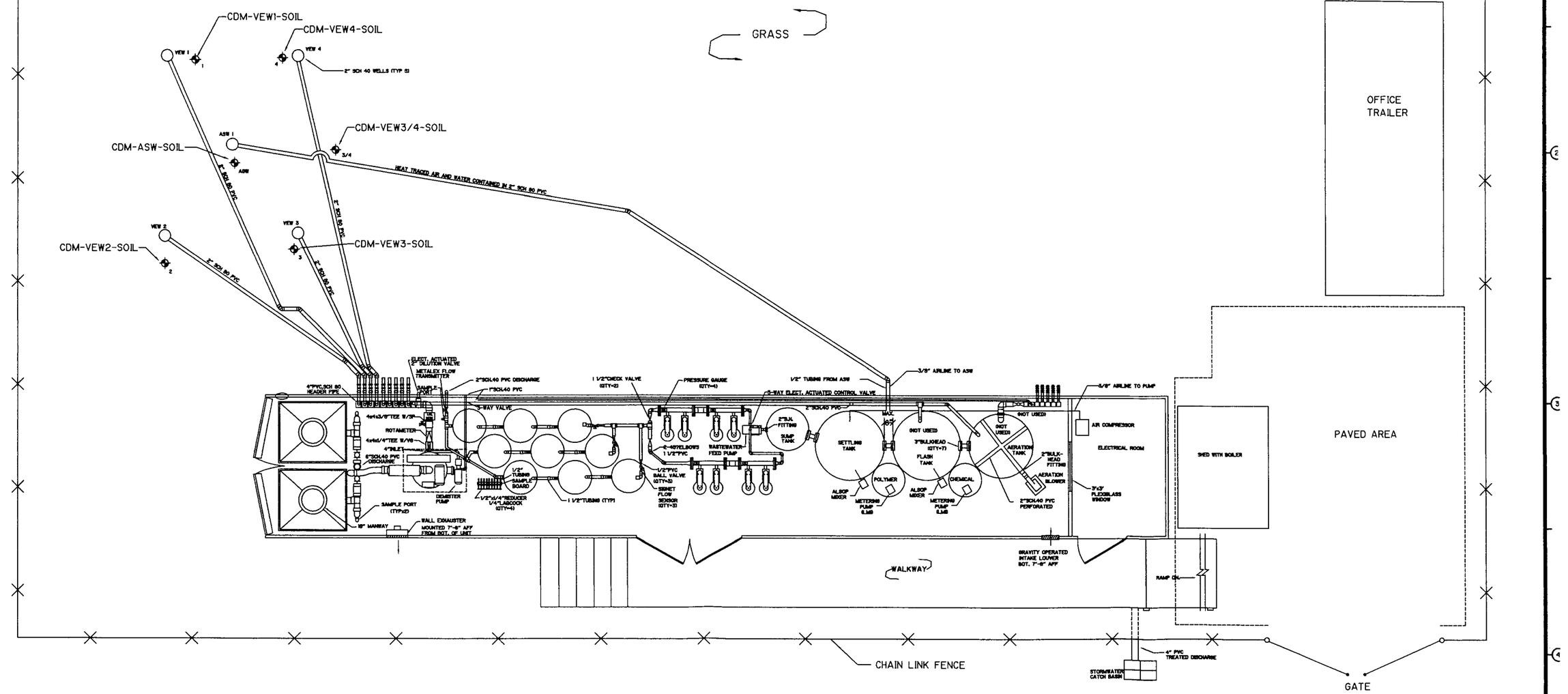
The plumbing subcontractor was required for connection and installation of a potable water supply, converting the heating unit from oil to propane and connection of the heating unit and installation of miscellaneous piping for the treatment unit.

4.1 Pre-Startup Conditions of Soil and Groundwater

Prior to connection and start-up of the treatment unit, CDM collected soil and groundwater samples in Area 1 to determine soil and groundwater contaminant concentrations prior to startup.

4.1.1 Soil Conditions

Soil samples were collected on August 28, 1998 from 6 locations near the existing vapor extraction wells (VEWs) and are also shown on Figure 4-1. Samples were collected at 2-foot intervals to a depth of 10-feet below ground surface. Samples were screened in the field with an organic vapor analyzer (OVM), each 2-foot interval composited in the field and submitted for laboratory analysis. Table 4-1 presents a summary of field OVM readings.



REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY:
DRAWN BY:
SHEET CHK'D BY:
CROSS CHK'D BY:
APPROVED BY:
DATE:

CAMP DRESSER & McKEE

consulting engineering construction operations CDM

KORKAY, INC.
BROADALBIN, NEW YORK

SITE LAYOUT
NOT TO SCALE

TREATMENT SYSTEM LAYOUT AND PRE-STARTUP SOIL BORING LOCATIONS

PROJECT NO. 8281-20091
FILE NAME: FIGURE_4

SHEET NO.
FIGURE 4-1

The soil sample analytical results indicated elevated levels of soil contamination above NYSDEC standards, criteria and guidance (SCG's) values and the results are presented in Table 4-2 and discussed later in the report. A copy of the analytical data is presented in Appendix A.

TABLE 4-1
NYSDEC
Korkay Inc. Site - #518014

SOIL SCREENING OVM READINGS

SAMPLE ID	DEPTH OF SAMPLE (feet)	OVM READING (ppm)
CDM-VEW1-SOIL1	0-2	5
CDM-VEW1-SOIL2	2-4	12
CDM-VEW1-SOIL3	4-6	27
CDM-VEW1-SOIL4	6-8	113
CDM-VEW1-SOIL5	8-10	226
CDM-VEW2-SOIL1	0-2	ND
CDM-VEW2-SOIL2	2-4	ND
CDM-VEW2-SOIL3	4-6	ND
CDM-VEW2-SOIL4	6-8	ND
CDM-VEW2-SOIL5	8-10	ND
CDM-VEW3-SOIL1	0-2	ND
CDM-VEW3-SOIL2	2-4	ND
CDM-VEW3-SOIL3	4-6	ND
CDM-VEW3-SOIL4	6-8	50
CDM-VEW3-SOIL5	8-10	15
CDM-VEW4-SOIL1	0-2	ND
CDM-VEW4-SOIL2	2-4	2
CDM-VEW4-SOIL3	4-6	27
CDM-VEW4-SOIL4	6-8	250
CDM-VEW4-SOIL5	8-10	283
CDM-ASW-SOIL1	0-2	ND
CDM-ASW-SOIL2	2-4	ND
CDM-ASW-SOIL3	4-6	1
CDM-ASW-SOIL4	6-8	176
CDM-ASW-SOIL5	8-10	176
CDM-VEW3/4-SOIL1	0-2	ND
CDM-VEW3/4-SOIL2	2-4	ND
CDM-VEW3/4-SOIL3	4-6	ND
CDM-VEW3/4-SOIL4	6-8	200
CDM-VEW3/4-SOIL5	8-10	296

4.1.2 Pre-Startup Groundwater Conditions

Pre-startup groundwater samples were collected on September 29, 1998 from the vacuum extraction wells VEW1 and VEW2 and the air sparge well ASW. The other two vacuum wells VEW3 and VEW4 did not contain sufficient groundwater to purge

TABLE 4-2

NYSDEC
KORKAY INC SITE - #518014

PRE-START-UP SOIL CONTAMINANT CONCENTRATIONS

SAMPLE CDM-VEW1	NYSDEC TAGM	SOIL1 (0-2')	SOIL2 (2-4')	SOIL3 (4-6')	SOIL4 (6-8')	SOIL5 (8-10')
Parameter	CRITERIA (ppb)	conc. (ppb)	conc. (ppb)	conc. (ppb)	conc. (ppb)	conc. (ppb)
VOCs						
TCE	700	60	55	<500	4,600	6,700
1,2 Dichlorethene (total)	7,700	<5	16	1,500	3,200	5,500
Xylenes	1,200	<5	11	33,000	55,000	52,000
Toluene	1,500	<5	<5	590	2,100	6,400
Ethylbenzene	5,500	<5	<5	2,400	7,200	14,000
1,2-Dichlorobenzene	7.7-EE6	<5	<5	<500	630	1,700
o-Dichlorobenzene	7.7-EE6	<5	<5	<500	<500	1,700

SAMPLE CDM-VEW2		SOIL1 (0-2')	SOIL2 (2-4')	SOIL3 (4-6')	SOIL4 (6-8')	SOIL5 (8-10')
Parameter		conc. (ppb)	conc. (ppb)	conc. (ppb)	conc. (ppb)	conc. (ppb)
VOCs						
1,2 Dichlorethene (total)	7.7-EE6	<5	<5	<5	150	710
Xylenes	1,200	<5	<5	<5	150	8,600
Ethylbenzene	5,500	<5	<5	<5	120	2,900

SAMPLE CDM-VEW3		SOIL1 (0-2')	SOIL2 (2-4')	SOIL3 (4-6')	SOIL4 (6-8')	SOIL5 (8-10')
Parameter		conc. (ppb)	conc. (ppb)	conc. (ppb)	conc. (ppb)	conc. (ppb)
VOCs						
1,2-Dichlorobenzene	7.7-EE6	<5	<5	<5	5	500
Xylenes	1,200	<5	<5	<5	51	17,000
Ethylbenzene	5,500	<5	<5	<5	24	<500
o-Dichlorobenzene	7.7-EE6	<5	<5	<5	5	500

SAMPLE CDM-VEW4		SOIL1 (0-2')	SOIL2 (2-4')	SOIL3 (4-6')	SOIL4 (6-8')	SOIL5 (8-10')
Parameter		conc. (ppb)	conc. (ppb)	conc. (ppb)	conc. (ppb)	conc. (ppb)
VOCs						
TCE	700	NS	84	<500	2,300	<500
Xylenes	1,200	NS	<50	9,400	120,000	33,000
Toluene	1,500	NS	<50	<500	12,000	3,500
Ethylbenzene	5,500	NS	<50	720	19,000	<500
1,2-Dichlorobenzene	7.7-EE6	NS	<50	<500	5,500	1,800
o-Dichlorobenzene	7.7-EE6	NS	<50	<500	5,500	7,800

SAMPLE CDM-ASW		SOIL1 (0-2')	SOIL2 (2-4')	SOIL3 (4-6')	SOIL4 (6-8')	SOIL5 (8-10')
Parameter		conc. (ppb)	conc. (ppb)	conc. (ppb)	conc. (ppb)	conc. (ppb)
VOCs						
1,2 Dichlorethene (total)	7.7-EE6	NS	NS	<25	<100	1,800
Xylenes	1,200	NS	NS	<25	640	7,700
Toluene	1,500	NS	NS	<25	<100	500
Ethylbenzene	5,500	NS	NS	<25	320	990

SAMPLE CDM-VEW3/4		SOIL1 (0-2')	SOIL2 (2-4')	SOIL3 (4-6')	SOIL4 (6-8')	SOIL5 (8-10')
Parameter		conc. (ppb)	conc. (ppb)	conc. (ppb)	conc. (ppb)	conc. (ppb)
VOCs						
Xylenes	1,200	NS	NS	NS	5,400	25,000
Toluene	1,500	NS	NS	NS	<500	2,200
Ethylbenzene	5,500	NS	NS	NS	1,900	7,300

NS = No Sample collected at that depth due to No VOC detected on OVM

or obtain a sample. Three groundwater samples were submitted to the laboratory for analysis and indicated groundwater contamination above NYSDEC groundwater criteria. Table 4-3 presents the results of the groundwater sampling and the results are discussed later in the report. A copy of the laboratory report is attached in Appendix B.

4.2 Vapor Extraction System

CDM began connecting the four VEW wells to four of the SVE manifolds at the exterior of the treatment trailer. The manifolds are numbered 1 through 8 at the interior of the trailer. However, during connection of the VEW wells, VEW1 and VEW2 were switched and are noted as such in the trailer. New quick-connect fittings were attached to the outside of the trailer for easy removal of the SVE piping, if necessary. Schedule 80 2-inch PVC piping was used to connect the VEW wells to the exterior trailer connections. All PVC slip joints from the trailer connection to the VEW wells were solvent welded. At the well head, the slip coupling was attached using Teflon tape for a better seal and then wrapped with duct tape. Removable thread caps were also installed at the well head for access to each SVE well to collect groundwater level measurements and samples. Small drain plugs were installed at the exterior of the trailer to allow for draining condensate and groundwater that may collect in the lines. The drains were installed at the low point prior to entering the treatment trailer.

4.2.1 SVE Unit Start-up and Operation

Operation of the SVE began on November 6, 1998. Prior to startup static OVM readings were taken at the four wellheads and were as follows:

- VEW-1 241 PPM
- VEW-2 100 PPM
- VEW-3 44 PPM
- VEW-4 23 PPM

Following start-up, the SVE well vacuum pressures (in inches of water column, IWC) measured at the wellhead sample ports were adjusted to read the following vacuum pressures:

- VEW-1 10.5 IWC
- VEW-2 9.5 IWC
- VEW-3 10.0 IWC
- VEW-4 12.0 IWC

These vacuum levels, established during the pilot study, were achieved by only slightly opening the ball valve for each well inside the trailer. The pilot study indicated that optimum operating conditions of a combined vacuum for all 4 wells of 40 to 45 IWC or approximately 10 to 12 IWC per well. Higher vacuum levels would begin to introduce groundwater into the air stream and create a less efficient

TABLE 4-3
KORKAY INC. SITE
NYSDEC SITE NO. 518014

GROUNDWATER SAMPLING RESULTS

Compound	Concentration Recorded on 9/29/98 (ug/L)			Concentration Recorded on 9/24/99 (ug/L)				
	VEW1	VEW2	ASW1	VEW1	VEW2	VEW3	VEW4	ASW
Total 1,2 Dichloroethene	1,000	2,600	180	590	25	<1	24	<10
1,1,1-Trichloroethane	120	<25	<20	<100	<1	<1	<1	<10
Trichloroethylene	4,700	75	<20	170	8	<1	6	15
Tetrachloroethylene	<20	<25	<20	<100	<1	2	2	<10
Toluene	<20	75	220	<100	<1	<1	<1	<10
Ethylbenzene	530	150	790	<100	<1	1	2	85
Chlorobenzene	<20	<25	<20	<100	1	2	1	<10
1,4-Dichlorobenzene	<20	<25	<20	<100	1	<1	<1	<10
1,2-Dichlorobenzene	53	<25	20	<100	4	3	18	<10
Xylenes, Total	1,600	530	2,800	340	<1	10	60	400

operating condition. The OVM reading of the combined influent for all four wells, plus minor dilutions, was 282 ppm, including some minor dilution.

The following OVM readings for each individual well were taken at the sample ports located inside the treatment trailer:

- VEW-1 198 ppm
- VEW-2 83 ppm
- VEW-3 41 ppm
- VEW-4 20 ppm

In May 1999, 2,200 square feet of 6-mil poly sheeting was installed in Area 1 as ground cover to prevent short-circuiting of the SVE system

4.2.2 SVE Treatment System Monitoring

The SVE treatment was monitored weekly and sampled monthly when the system was operating. Minor adjustments to vacuum levels were made to maintain the optimum levels achieved during the pilot study. Some groundwater was being introduced into the vapor stream during periods of heavy rain, primarily spring and fall. The recorded data for the SVE system is presented in Table 4-4.

Air samples were collected from the SVE influent and effluent and the groundwater treatment system influent and effluent. However, the sampling method being utilized was not providing a good indication of contaminant levels. A new sample method was initiated utilizing Tedlar bags that provided better sample results. The analytical results are discussed in Section 5. OVM readings were recorded at the sample ports inside the treatment trailer and are also shown in Table 4-4 and discussed in Section 5. A copy of air sample laboratory data is attached in Appendix C.

4.3 Groundwater Pumping/Treatment and Air Sparge

Groundwater Pumping/Treatment

During the initial phase of the SVE operation, the air sparge well, ASW-1 was used for groundwater pumping primarily to depress the groundwater table and increase the vadose zone for SVE operation. A small pump was purchased to pump approximately 1 gallon per minute (gpm). An air compressor that would later be used for air sparging operated the pump.

The Phase I and II RI/FS determined that groundwater was contaminated above NYSDEC SCG's and would require treatment prior to discharge. The water was pumped to the waste holding tank in the treatment trailer and then, using the waste pump, pumped through four mesh filters in series for solids removal and then through a series of three liquid phase carbon high pressure vessels prior to discharge

TABLE 4-4

KORKAY INC. SITE
NYSDEC SITE NO. 518014

SOIL VAPOR EXTRACTION SYSTEM
MONITORING DATA

	OVM Reading at Trailer Sample Port (ppm)				Vacuum at Well (in IWC)				System Temp Deg F	Vacuum Extraction Pump in Inches of Hg		Carbon Adsorber Pressures (psi)	
DATE	VEW1	VEW2	VEW3	VEW4	VEW1	VEW2	VEW3	VEW4		Before	After	Unit A	Unit B
11/6/98	241*	100*	44*	23*	0	0	0	0	0	0	0	0	0
11/6/98	198	83	41	20	10.5	9.5	8	12	120	3.75	4	1.5	0
11/13/98	178	80	42	20	9.5	10.5	8	12	130	3.75	4	1.5	0
11/16/99	172	72	39	19	10	8	9	10	150	3.75	4	1.5	0
11/23/98	150	61	38	18	10	9.5	8.5	9	150	3.75	4	1.5	0
12/9/98	152	12.5	34	75	10	9.5	8	9.5	130	3.75	4	1.5	0
1/22/99	System Down Due to Weather/Frozen Lines												
2/17/99	System Down Due to Blower Motor Failure												
3/12/99	System Down Due to Blower Motor Failure												
3/16/99	**	7	2	3	**	12	13	15	140	4.25	5.00	1.5	0
3/19/99	**	2	1	0	**	13	15	15	130	5.00	5.75	2	0
3/31/99	**	0	0	0	**	15	12	13	140	5.00	5.75	2	0
4/9/99	0	0	0	0	10	12	12	13	130	5.25	6.00	2	0
4/14/99	0	0	0	0	11	11	10	12	140	5.25	6.00	2	0
5/25/99	Switch from Groundwater Pumping to Air Sparge												
6/16/99	42	3	1.7	10	9	12	10	13	160	5.25	6.00	2	0
6/29/99	52	0	0	5	10	10	8.5	15	190	5.25	6.00	2	0
7/14/99	66	2	13	25	11	10	10	11.5	170	5.50	6.25	2	0
8/6/99	82	3.7	1.7	21	11	10	11	10.5	160	5.50	6.25	2	0
8/27/99	97	6	2	38	8	10	10	9.5	190	5.75	6.50	2.5	0
9/16/99	148	9	4	72	9.5	8	9.5	9	160	5.75	6.50	2.5	0
10/1/99	18.5	0	0	4.8	8.5	12	11	13	160	6.00	6.50	2.5	0
10/13/99	29	1.5	8.4	8	7	11.5	11	12	150	6.00	6.50	2.5	0
11/4/99	20.7	0	0	4.5	8.5	11	10	10	130	6.25	6.75	2.5	0
11/10/99	36	0	0	6.9	11	11	10	10	130	6.25	7.00	2.5	0
11/30/99	22.1	0	0	8	12	11.5	11	9.5	130	6.75	7.00	2.5	0
1/4/00					13	14	11	8	130	6.75	7.00	2.5	0
1/5/00	3.7	0	0	0	10	11	11	10	130	6.75	7.25	2.5	0

NOTES

* Denotes static OVM readings at well heads prior to startup

** Denotes well screen plugged/no vacuum or OVM readings

System Downtime due to electrical problems

to a storm water catch basin on West Main Street. A SPDES permit was required and obtained from NYSDEC. The permit required discharge monitoring and the sample results are presented in Table 4-5 and discussed in Section 5.

Therefore, in addition to lowering the groundwater table, groundwater was also being remediated and accelerating the remediation time. Groundwater level measurements in the VEW wells were recorded monthly and are presented in Table 4-6. During groundwater pump and treatment, water levels could not be measured in ASW-1 due to the pump in the well.

Air Sparging

On May 25, 1999 the groundwater pump was shutdown and removed from the well. A new PVC well cap with air line connection was place on the well. The connection also had a pressure gauge. The top of the well PVC was wrapped with Teflon tape prior to placing the cap to provide a better seal.

The SVE system was turned on and the air pressure applied to the ASW-1 well, starting at 1 pound per square inch, psig. The air pressure was gradually increased to 3 psig to prevent groundwater mounding in the VEW wells. The treatment unit continues to operate in the CASVE until January 12, 2000 when extreme cold temperatures caused SVE lines to freeze.

4.4 Operating Problems

Since the startup of the treatment unit in November 1998, several operating problems have been encountered over the past 18 months. They are as follows:

- The most significant operating problem has been the winter time operation between December and March. The cold temperatures have caused system shutdowns and frozen SVE lines even with heat trace tape. The system is usually shutdown during this time period and restarted if weather permits at anytime.

- Due to the condition the treatment system was in when delivered to the site, certain air and water flow gauges, pressure gauges and other miscellaneous equipment do not operate properly. Some system operating problems were corrected by the electrical subcontractor to allow for operation of the essential equipment. The gauges were not essential for operation at Korkay and were not replaced due to cost.

- The largest equipment failure since startup was the SVE blower motor in February 1999. Replacement of this motor took approximately 1 month.

- The compressor used for operating the groundwater pump and providing air CASVE also failed in November 1999 and some repairs were completed under warrantee. The air sparge was down for approximately 1 month.

TABLE 4-5

NYSDEC
KORKAY INC SITE - #518014

MONTHLY GROUNDWATER TREATMENT UNIT
DISCHARGE MONITORING RESULTS

SAMPLE	NYSDEC	CDM-ASW-01	CDM-ASW-02	CDM-ASW-03	CDM-ASW-04
Parameter	CRITERIA (ppb)	conc. (ppb)	conc. (ppb)	conc. (ppb)	conc. (ppb)
DATE		9/29/98	12/9/98	2/17/99	3/31/99
VOCs					
TCE	5	<20	13	<50	<50
1,2 Dichlorethene (total)	5	180	2,600	520	490
Xylenes	5	2,800	2,200	2,200	2,000
Toluene	5	220	130	130	100
Ethylbenzene	5	790	400	360	320
1,2-Dichlorobenzene	4.7	20	58	<50	<50
1,1,1-Trichloroethane	5	<20	<1	<50	<50
Tetrachloroethylene	5	<20	9	<50	<50
Benzene	0.7	<10	3	<25	<25
Chloroform	7	<20	450	<50	<50

All Discharge Samples CDM-CARBEFF-01 through 04 were below the detectable limit of 1ppb (Benzene 0.5 ppb)

TABLE 4-6

KORKAY INC. SITE
NYSDEC SITE NO. 518014

GROUNDWATER SYSTEM MONITORING

DATE	Depth to Groundwater (TPVC in feet)				Flow Rate (gpm)	Total Flow Approximated (gallons)
	VEW1	VEW2	VEW3	VEW4		
9/29/98	9.88	9.86	10.39	10.55	0.00	static
11/6/98	9.80	9.75	10.40	10.50	0.50	startup
12/9/98	9.95	9.97	10.44(dry)	10.65(dry)	0.50	23,000
1/22/99	10.20	10.40(dry)	10.44(dry)	10.65(dry)	0.50	34,500*
2/17/99	10.15	10.35	10.44(dry)	10.65(dry)	0.50	40,000*
3/19/99	9.87	9.80	10.15	10.31	0.50	63,000
4/14/99	8.18	8.07	8.70	8.78		90,000
6/16/99	9.20	9.07	9.90	9.54	0.00	Switch to Air Sparge
7/14/99	9.51	9.29	9.92	9.86	0.00	
8/6/99	9.81	9.29	9.91	9.95	0.00	
11/4/99	Water Level Probe Not Working					

NOTES

* Denotes System down part of the time due to frozen air line to pump
Dry indicates groundwater level at or below bottom of well
Flow rate and total flow estimated
Groundwater level measurements taken with pump operating and SVE system off
Groundwater levels in ASW well could not be measured due to pump in well

- The blower is significantly oversized for this application and had frequent shutdowns. The telemetry system for treatment unit would not operate correctly (false alarms) because many of the treatment systems were not being utilized. Therefore, there was no way of knowing when the treatment unit was down accept for site visits.

Section 5
Sample Results, Conclusion and Recommendations

5.1 Sample Results

The following sections present the sample results for the SVE, groundwater treatment and CASVE systems.

5.1.1 Groundwater Sample Results

The groundwater samples were collected from the VEW and ASW wells in September 1998 prior to startup and a second set was collected in September 1999. The results were presented in Table 4-3 and indicate a significant decrease in contaminant concentrations.

All contaminant levels detected in VEW-1, VEW-2 and ASW-1 in the September 1998 samples decreased substantially during the one-year period. The reduction in total Volatile organic compounds (VOCs) for the three wells over a one-year period was as follows:

- VEW-1: 8,003 to 1,100 ppb
- VEW-2: 3,430 to 39 ppb
- ASW-1: 4,010 to 500 ppb

This indicates that the SVE in combination with the groundwater pump and treatment and air sparging have worked very successfully to reduce the groundwater contamination at the site. In addition, the slug of mineral spirits detected in VEW-1 in January 1999, is no longer present.

5.1.2 Groundwater Treatment Unit Sample Results

Samples were collected from the treatment unit influent (ASW-1) and effluent during the period of groundwater pumping. The treated discharge was below detectable levels and permit limits during the groundwater treatment phase.

The influent from ASW-1 showed a reduction in contaminant concentrations in the groundwater during the groundwater pumping and SVE operation. The total VOC's went from a maximum of 5,863 ppb in December 1998 to 2,910 ppb in March 1999. The ASW-1 groundwater contaminant levels decreased significantly during air sparging discussed in the following sections.

5.1.3 SVE Monitoring Results

CDM continually monitored the SVE system during operation. The VEW vacuum pressure and contaminant levels were monitored during periodic site visits.

Other system operating parameters were monitored during operation including combined influent, treated discharge, and system operating temperature and pressure.

In the initial phase of system operation, the total VOC levels continually decreased between November 1998 and April 1999. This was during the period of groundwater pump and treatment and SVE.

In May 1999, the system was switched to CASVE. Between May 1999 and September 1999 the total VOC levels continued to rise. In September 1999, the levels decreased significantly and continued that trend until the winter shutdown in January 2000. Well VEW-1 is the only well that had detectable total VOC concentrations at 3.5 ppm. The remaining 3 wells were below detectable levels.

5.1.4 SVE Treatment Discharge Results

The SVE treatment system discharge was monitored periodically during site visits to determine when breakthrough was achieved. The system was monitored prior to entering the carbon (the combined influent), at the discharge of the Unit A and discharge of Unit B. The treatment unit was operating with Unit A as the primary treatment and Unit B as the backup. The OVM readings on both discharges were below detectable levels. Breakthrough was achieved on Unit A in November 1999. The system was shutdown and the carbon was changed in Unit A only. The system is now operating with Unit B as the primary unit and Unit A as the backup.

5.2 Conclusions and Recommendations

The following sections present CDM's conclusions for the treatment unit operation over the past 18 months and recommendation for system operation in the coming months.

5.2.1 Conclusions

CDM concludes that the treatment unit SVE, groundwater pump and treat and CASVE at the Korkay site has resulted in a significant reduction in groundwater and soil contaminants in the past year. The contaminant levels in the groundwater have been reduced to below detectable levels in 3 of 4 VEW wells and the ASW well.

The soil vapor levels have also decreased substantially in the past year of operation. The SVE contaminant concentrations decreased from the initial startup level of 282 to non-detectable levels in April 1999. The system was converted from a SVE/groundwater pump and treat system to CASVE in May 1999. The SVE levels continued to rise in all four wells until September 1999 and then began decreasing to non-detectable levels in 3 of the 4 VEW wells prior to winter shutdown in January 2000.

The CASVE system was restarted on March 2, 2000 and initial VOC levels were non-detect in all four VEW wells. The levels in VEW 2, VEW 3 and VEW 4 remain at non-detectable levels and VEW 1 has increased to 12 ppm, using the OVM. Confirmatory air samples were collected on March 24, 2000.

Reviewing Table 4-4 the total VOC levels for VEW-1 and VEW-4 shows a 3-month trend from the maximum contaminant levels during CASVE in September 1999 to near non-detect in January 2000. This trend is also similar to contaminant reduction during the SVE and groundwater pumping phase of remediation between November 1998 and March 1999.

5.2.2 Recommendations

The CASVE system has been restarted after the 2-month winter shutdown and the initial VOC levels in all for SVE wells are non-detect. The next month of operation will give a definitive indication as to the remaining operating time of the treatment unit at Korkay Inc. CDM has resampled the groundwater in the 4 SVE wells and ASW well and collected air samples for the SVE wells.

CDM recommends the following:

- Continue operation in CASVE mode and continue weekly monitoring of the influent for each SVE well.
- Collect confirmatory SVE air samples from wells with detectable levels in May and submit for laboratory analysis.
- Collect groundwater samples from the four SVE wells and the ASW wells in early May 2000 to confirm the March 2000 sample results.
- If the contaminant concentrations in the vapor streams have been reduced to non-detectable levels and the groundwater contaminant concentrations have also decreased to below or near NYSDEC SCGs, conduct post remediation soil sampling in close proximity to the pre-remediation soil sample locations. The soil sampling will be conducted in early May 2000 depending on the air and water sample results for March 2000 and May 2000.
- CDM will prepare 2 sample summaries for the March 2000 and May 2000 air and groundwater sample events. The sample summaries will be amended to this report and present an estimated time to complete cleanup of the site.
- CDM will also prepare a summary of the post-remediation soil sample results. These soil results will provide a trend line of contamination data and estimation of when cleanup levels (NYSDEC SCGS and ROD) will be met.
- Review of the data collected to date and the progress of the treatment, it may be possible to meet cleanup goals presented in NYSDEC SCG's and the ROD, by June 2000.

5.3 Engineer's Certification

KORKAY, INC. SITE

REMEDIAL CONSTRUCTION CERTIFICATION

Remedial Construction was completed in substantial conformance with the Contract Documents entitled "Work Assignment D002925-26 Approved Work Plan" dated June 18, 1998 and Amendment No. 1 dated October 18, 1998. Design parameters were outlined in Final RI/FS Report date January 1995 and Operation and Maintenance Plan dated January 1999.

Signature: _____

Richard A. Molongoski, P.E.
Associate

Date: 5/8/00

WELL LOG

CDM

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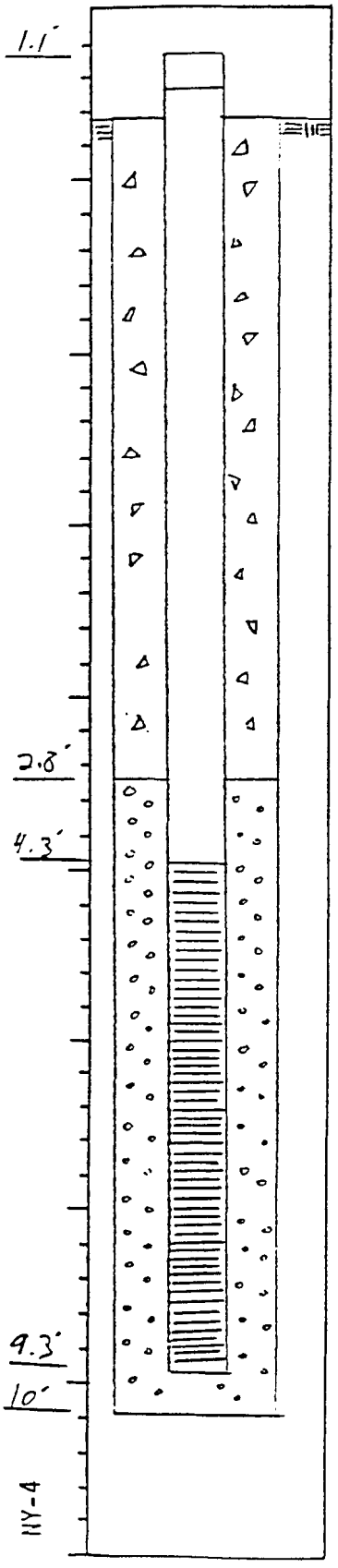
WELL CONSTRUCTION SUMMARY

Project: Kodak Client: NYSDEC Well No: VEW-1



DRILLING SUMMARY

Drilling Co: CJB Services Drillers: J. Lamm
Drill Rig Make/Model: CME 75
Borehole Diameters: 8" Drilling Fluid: None
Bits/Depths: 4 ¼" Hollow Stem Auger
Total Depth: 9.3' bg Depth to Water: ≈ 8' b.g.
Supervisory Geologist: R. Chenenko

WELL DESIGN

Casing Material: Sch 40 PVC Diameter: 2-inch Length: 5.4'
Screen Material: Sch 40 PVC Diameter: 2-inch Length: 5.0'
Slot Size: 10 Slot Setting: 4.3' to 9.3' b.g.
Filter Material: No. 0 Morie Setting: 2.8' to 10' b.g.
Seals Material: NA Setting: NA
Grout: Type I Cement / bentonite Setting: 0 to 2.8' b.g.
Surface Casing Material: NA Setting: NA

TIME LOG	Started	Completed
Drilling:	10/6/94	10/6/94
Installation:	10/6/94	10/6/94
Development:	NA	NA

WELL DEVELOPMENT

Method: NA
Static Depth to Water: 8.87' TOC (water column = 1.53')
Pumping Depth to Water: NA
Pumping Rate: NA Specific Capacity: NA
Volume Pumped: NA

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BORING NUMBER: VEW-1

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Log of Boring

Project Korkay Location Broadalbin, NY Job. No

Date Drilled 10/6/94 Drilling Co. SJB Services

Total Depth 8' Method Used Hollow Stem Auger

Inspector R Chenenko Organic Vapor Instruments Used HNu Water Table Depth 2'

Depth (feet)	Samp. No.	Blows per 6" /140 lbs.	Sample Interval	Adv./ Recov.	Org. Vap. - PPM	Sample Description	Strata Change	Remarks (Time of Day)
2	1	2 4 4 4	0'-2'	2.0'/1.0'	70	Dark gray and brown f+m SAND, trace silt.		
4	2	4 4 5 5	2'-4'	2.0'/1.5'	3	Tan m. SAND, trace f, c sand		
6	3	5 7 7 8	4'-6'	2.0'/1.6'	200	Gray and tan m SAND, trace c, f sand. Bottom 0.3' stained black		
8	4	5 7 7 8	6'-8'	2.0'/1.5'	300	Black (stained) m SAND, trace c, f sand.		VEW-1-7.5 TCL VOA

NY-1

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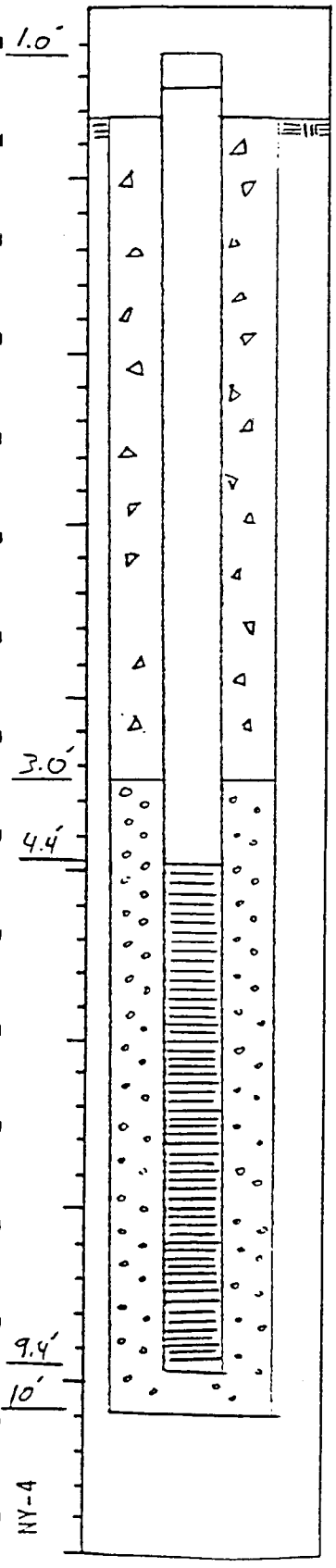
WELL CONSTRUCTION SUMMARY

Project: Kodak Client: NYSDEC Well No: VEW-2



DRILLING SUMMARY

Drilling Co: SJB Services Drillers: J Lamm

Drill Rig Make/Model: CME 75

Borehole Diameters: 8" Drilling Fluid: None

Bits/Depths: 4 1/4" Hollow Stem Auger

Total Depth: 9.4' b.g. Depth to Water: 8' b.g.

Supervisory Geologist: R. Chenenko

WELL DESIGN

Casing Material: Sch 40 PVC Diameter: 2-inch Length: 5.4'

Screen Material: Sch 40 PVC Diameter: 2-inch Length: 5.0'

Slot Size: 10 slot Setting: 4.4' to 9.4' b.g.

Filter Material: No. 0 Morie Setting: 3.0' to 10' b.g.

Seals Material: NA Setting: NA

Grout: Type I Cement / Bentonite Setting: 0' to 3.0' b.g.

Surface Casing Material: NA Setting: NA

TIME LOG	Started	Completed
Drilling:	10/5/94	10/5/94
Installation:	10/5/94	10/5/94
Development:	NA	NA

WELL DEVELOPMENT

Method: NA

Static Depth to Water: 8.85' TOC (water column = 1.55')

Pumping Depth to Water: NA

Pumping Rate: NA Specific Capacity: NA

Volume Pumped: NA

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BORING NUMBER: VEW-2

Page 1 of 1

Log of Boring

Project Korkay Location Broadalbin, NY Job. No

Date Drilled 10/5/94 Drilling Co. SJA Services

Total Depth 8' Method Used Hollow Stem Auger

Inspector A Chenenko Organic Vapor Instruments Used HNu Water Table Depth 8'

Depth (feet)	Samp. No.	Blows per 6" /140 lbs.	Sample Interval	Adv./ Recov.	Org. Vap. - PPM	Sample Description	Strata Change	Remarks (Time of Day)
0	1	1 2 / 2 2	0'-2'	2.0'/0.2'	0	Brown m SAND fill		
2	2	4 4 / 5 5	2'-4'	2.0'/0.8'	0.2	0.4' Brown m-c+ SAND trace gravel 0.4' Black gravel and coarse sand Fill (stained ?)		
4	3	7 7 / 7 7	4'-6'	2.0'/1.5'	1	0.7' Black c sand and gravel - fill 0.8' Tan and orange m-c+ SAND		
6	4	6 5 / 5 4	6'-8'	2.0'/1.6'	0.2-5 increase downward	0.5' Tan and orange m+c SAND 0.4' Gray f SAND, trace S.H. Black streaks 0.5' Gray m SAND 0.2' Gray f SAND tr Silt: wet		VEW-2-7.5 TCL VOA
8								

NY-1

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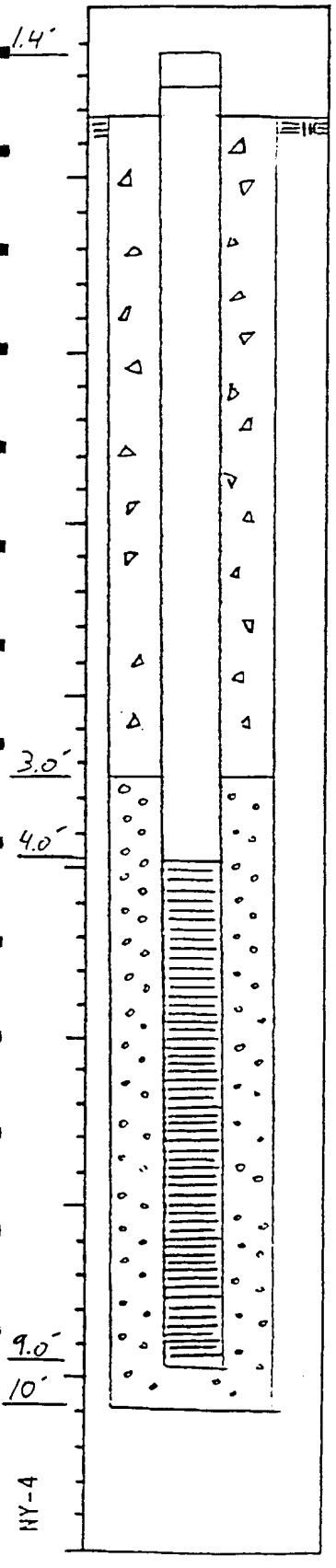
WELL CONSTRUCTION SUMMARY

Project: Korkay Client: NYSDEC Well No: VEW-3



DRILLING SUMMARY

Drilling Co: CJB Services Drillers: J. Lamm

Drill Rig Make/Model: CME 75

Borehole Diameters: 8" Drilling Fluid: None

Bits/Depths: 4 ¼" Hollow Stem Auger

Total Depth: 9.0' b.g.s. Depth to Water: ±8' b.g.s.

Supervisory Geologist: R. Chenenko

WELL DESIGN

Casing Material: Sch 40 PVC Diameter: 2-inch Length: 5.4'

Screen Material: Sch 40 PVC Diameter: 2-inch Length: 5.0'

Slot Size: 10 Slot Setting: 4.0' to 9.0' b.g.s.

Filter Material: No. 0 Morie Setting: 3.0' to 10.0' b.g.s.

Seals Material: NA Setting: NA

Grout: Type I Cement / Bentonite Setting: 0' to 3.0' b.g.s.

Surface Casing Material: NA Setting: NA

TIME LOG	Started	Completed
Drilling:	10/4/94	10/4/94
Installation:	10/4/94	10/4/94
Development:	NA	NA

WELL DEVELOPMENT

Method: NA

Static Depth to Water: 9.41' TOC (Water column = 0.99')

Pumping Depth to Water: NA

Pumping Rate: NA Specific Capacity: NA

Volume Pumped: NA

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BORING NUMBER: VEW-3

Page 1 of 1

Log of Boring

Project Korkay Location Broadalbin NY Job. No

Date Drilled 10/4/94 Drilling Co. SJB Services

Total Depth 10' Method Used Hollow Stem Auger

Inspector R Chenenko Organic Vapor Instruments Used HNu Water Table Depth 8'

Depth (feet)	Samp. No.	Blows per 6" /140 lbs.	Sample Interval	Adv./ Recov.	Org. Vap. - PPM	Sample Description	Strata Change	Remarks (Time of Day)
0	1	2 3 2 3	0-2'	2.0'/1.2'	0	fm SAND, dark gray, tan and orange layers, brick fragments (fill)		
2	2	3 4 4 6	2'-4'	2.0'/1.6'	0	0.4' m-c SAND, dark gray and orange streaks, trace silt. 1.2' Orange fm SAND tr. silt grading downward to tan and orange f-m SAND trace gravel		VEW-3-2.4 TCL VOA
4	3	5 4 9 9	4-6	2.0'/1.7'	0	1.0' Light gray m-c SAND, trace gravel 0.7' tan f-m SAND		
6	4	8 8 7 6	6-8'	2.0'/1.8'	0	1.7' Light gray f-m SAND 0.1' Light gray f-m SAND little silt - wet		
8								

NY-1

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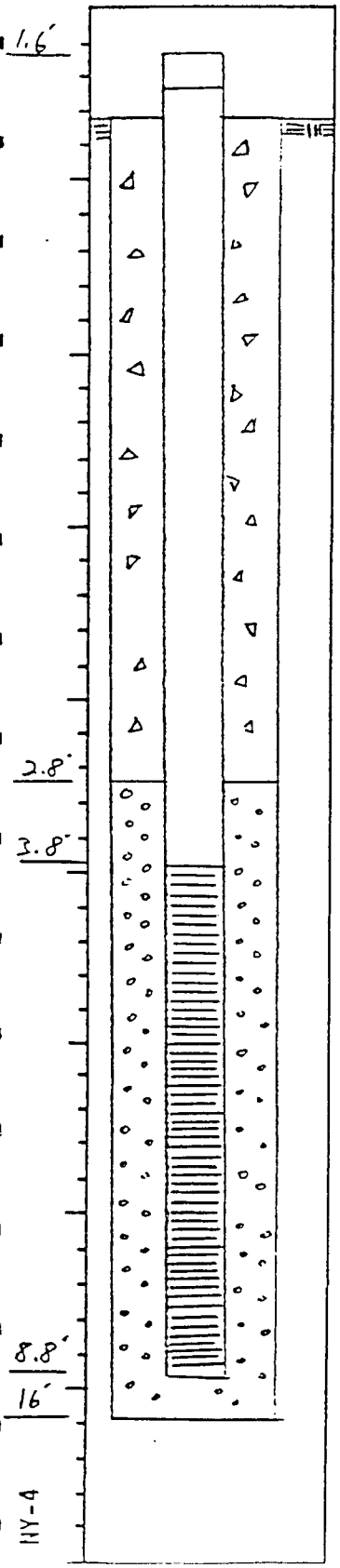
WELL CONSTRUCTION SUMMARY

Project: Kodak Client: NYSDEC Well No: VEW-4



DRILLING SUMMARY

Drilling Co: SJB Services Drillers: J. Lamm

Drill Rig Make/Model: CME 75

Borehole Diameters: 8" Drilling Fluid: None

Bits/Depths: 4 1/4" Hollow Stem Auger

Total Depth: 8.8' b.g. Depth to Water: 7.8' b.g.

Supervisory Geologist: R. Chenenko

WELL DESIGN

Casing Material: Sch 40 PVC Diameter: 2-inch Length: 5.4'

Screen Material: Sch 40 PVC Diameter: 2-inch Length: 5.0'

Slot Size: 10 slot Setting: 3.8' to 8.8' b.g.

Filter Material: No. 0 Morie Setting: 2.8' to 16' b.g.

Seals Material: NA Setting: NA

Grout: Type I Cement / bentonite Setting: 0' to 2.8' b.g.

Surface Casing Material: NA Setting: NA

TIME LOG	Started	Completed
Drilling:	10/4/94	10/4/94
Installation:	10/4/94	10/4/94
Development:	NA	NA

WELL DEVELOPMENT

Method: NA

Static Depth to Water: 9.58' TOC (water column = 0.82')

Pumping Depth to Water: NA

Pumping Rate: NA Specific Capacity: NA

Volume Pumped: NA

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BORING NUMBER: VEW-4 / SB-

Page 1 of 1

Log of Boring

Project Korkay Location Broadalbin, NY Job. No

Date Drilled 10/4/94 Drilling Co. SJB Services

Total Depth 16' Method Used Hollow Stem Auger

Inspector R Chenenko Organic Vapor Instruments Used HNu Water Table Depth 8'

Depth (feet)	Samp. No.	Blows per 6" /140 lbs.	Sample Interval	Adv./ Recov.	Org. Vap. - PPM	Sample Description	Strata Change	Remarks (Time of Day)
	1	5 2 2 3	0-2'	2.0'/0.3'	0	Brown m SAND, roots. Organic		
2	2	3 4 3 3	2-4'	2.0'/1.1'	2	Brown f-m SAND, trace gravel		SB-2 2-4 TCL/TAL
4	3	3 3 2 3	4-6'	2.0'/1.3'	15	0.9' Brown f-m SAND, tr. silt, gravel 0.4' Tan and orange m-c SAND (lower HNu)		SB-2 4-6 TCL/TAL
6	4	2 2 1 1	6-8'	2.0'/1.0'	200	Black (stained) m-f SAND trace silt. Petroleum odor.		Duplicates: SB-2 6-8 SB-2 20-200 TCL/TAL
8	5	1 1 2 1	8-10'	2.0'/1.3'	200	0.3' Black m-c SAND 0.6' Gray f SAND little silt 0.3' Black f-m SAND 0.1' Gray f-m SAND		
10	6	4 4 4 4	10-12'	2.0'/1.5'	40 - top 5 - bottom	0.7' Gray f-m SAND 0.8' Gray-black (stained) m SAND odor, wet		
12	7	1 2 1 1	12-14'	2.0'/1.5'	20	Gray vf SAND, little silt		SB-2 12-14 TCL/TAL
14	8	1 2 2 3	14-16'	2.0'/1.5'	5	1.0' Brown silty CLAY, little v.f. sand, soft 0.5 D.O. - Gray		

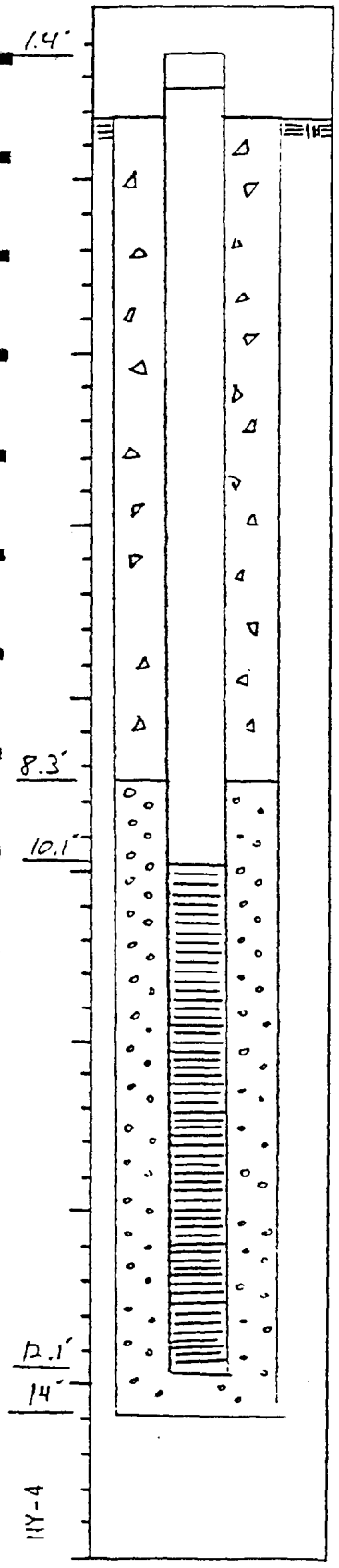
NY-1

CDM

environmental engineers, scientists, planners & management consultants

WELL CONSTRUCTION SUMMARY

Project: Korkay Client: NYSDEC Well No: ASW-1



DRILLING SUMMARY

Drilling Co: CJB Services Drillers: J. Lamm

Drill Rig Make/Model: CME 75

Borehole Diameters: 8" Drilling Fluid: None

Bits/Depths: 4¼" Hollow Stem Auger

Total Depth: 12.1' b.g. Depth to Water: ±8' b.g.

Supervisory Geologist: R. Chenenko

WELL DESIGN

Casing Material: Sch 40 PVC Diameter: 2-inch Length: 11.5'

Screen Material: Sch 40 PVC Diameter: 2-inch Length: 2.0'

Slot Size: 10 slot Setting: 10.1' to 12.1' b.g.

Filter Material: No. 0 Morie Setting: 8.3' to 14' b.g.

Seals Material: NA Setting: NA

Grout: Type I Cement / bentonite Setting: 0' to 8.3' b.g.

Surface Casing Material: NA Setting: NA

TIME LOG	Started	Completed
Drilling:	10/5/94	10/5/94
Installation:	10/5/94	10/5/94
Development:	NA	NA

WELL DEVELOPMENT

Method: NA

Static Depth to Water: —

Pumping Depth to Water: NA

Pumping Rate: NA Specific Capacity: NA

Volume Pumped: NA

PRE-STARTUP SOIL SAMPLING DATA

SEP 16 1998

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LABORATORY REPORT

for

Camp Dresser & McKee
1 Marcus Boulevard
Suite 201
Albany, NY 12205

Attention: John Blaum

Report date: 09/14/98
Number of samples analyzed: 25
AES Project ID: 980828AC
Invoice #: 191294

ELAP ID#: 10709

AIHA ID#: 7866

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW2-Soil 1
AES sample #: 980828AC01
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
Bromomethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
Dichlorodifluoromethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
Vinyl Chloride	EPA-8010	<5	ug/kg	BW-D	08/31/98
Chloroethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
Methylene Chloride	EPA-8010	<5	ug/kg	BW-D	08/31/98
Trichloroflouromethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
1 1-Dichloroethene	EPA-8010	<5	ug/kg	BW-D	08/31/98
1,1-Dichloroethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
Total 1,2 Dichloroethene	EPA-8010	<5	ug/kg	BW-D	08/31/98
Chloroform	EPA-8010	<5	ug/kg	BW-D	08/31/98
1,2-Dichloroethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
1,1,1-Trichloroethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
Carbon Tetrachloride	EPA-8010	<5	ug/kg	BW-D	08/31/98
Bromo dichloromethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
1,2-Dichloropropane	EPA-8010	<5	ug/kg	BW-D	08/31/98
trans-1,3-Dichloropropene	EPA-8010	<5	ug/kg	BW-D	08/31/98
Trichloroethene	EPA-8010	<5	ug/kg	BW-D	08/31/98
Dibromochloromethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
1,1,2-Trichloroethane	EPA-8010	<5	ug/kg	BW-D	08/31/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW2-Soil 1
AES sample #: 980828AC01
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8010	<5	ug/kg	BW-D	08/31/98
2-Chloroethyl vinyl ether	EPA-8010	<5	ug/kg	BW-D	08/31/98
Bromoform	EPA-8010	<5	ug/kg	BW-D	08/31/98
1,1,2,2-Tetrachloroethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
Tetrachloroethene	EPA-8010	<5	ug/kg	BW-D	08/31/98
Chlorobenzene	EPA-8010	<5	ug/kg	BW-D	08/31/98
1,2-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-D	08/31/98
1 3-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-D	08/31/98
1,4-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-D	08/31/98
Benzene	EPA-8020	<5	ug/kg	BW-D	08/31/98
Toluene	EPA-8020	<5	ug/kg	BW-D	08/31/98
Ethylbenzene	EPA-8020	<5	ug/kg	BW-D	08/31/98
Chlorobenzene	EPA-8020	<5	ug/kg	BW-D	08/31/98
p-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-D	08/31/98
m-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-D	08/31/98
o-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-D	08/31/98
Xylenes	EPA-8020	<5	ug/kg	BW-D	08/31/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW2-Soil 2
AES sample #: 980828AC02
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
Bromomethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
Dichlorodifluoromethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
Vinyl Chloride	EPA-8010	<5	ug/kg	BW-D	08/31/98
Chloroethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
Methylene Chloride	EPA-8010	<5	ug/kg	BW-D	08/31/98
Trichloroflouromethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
1 1-Dichloroethene	EPA-8010	<5	ug/kg	BW-D	08/31/98
1,1-Dichloroethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
Total 1,2 Dichloroethene	EPA-8010	<5	ug/kg	BW-D	08/31/98
Chloroform	EPA-8010	<5	ug/kg	BW-D	08/31/98
1,2-Dichloroethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
1,1,1-Trichloroethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
Carbon Tetrachloride	EPA-8010	<5	ug/kg	BW-D	08/31/98
Bromo dichloromethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
1,2-Dichloropropane	EPA-8010	<5	ug/kg	BW-D	08/31/98
trans-1,3-Dichloropropene	EPA-8010	<5	ug/kg	BW-D	08/31/98
Trichloroethene	EPA-8010	<5	ug/kg	BW-D	08/31/98
Dibromochloromethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
1,1,2-Trichloroethane	EPA-8010	<5	ug/kg	BW-D	08/31/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW2-Soil 2
AES sample #: 980828AC02
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8010	<5	ug/kg	BW-D	08/31/98
2-Chloroethyl vinyl ether	EPA-8010	<5	ug/kg	BW-D	08/31/98
Bromoform	EPA-8010	<5	ug/kg	BW-D	08/31/98
1,1,2,2-Tetrachloroethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
Tetrachloroethene	EPA-8010	<5	ug/kg	BW-D	08/31/98
Chlorobenzene	EPA-8010	<5	ug/kg	BW-D	08/31/98
1,2-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-D	08/31/98
1 3-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-D	08/31/98
1,4-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-D	08/31/98
Benzene	EPA-8020	<5	ug/kg	BW-D	08/31/98
Toluene	EPA-8020	<5	ug/kg	BW-D	08/31/98
Ethylbenzene	EPA-8020	<5	ug/kg	BW-D	08/31/98
Chlorobenzene	EPA-8020	<5	ug/kg	BW-D	08/31/98
p-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-D	08/31/98
m-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-D	08/31/98
o-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-D	08/31/98
Xylenes	EPA-8020	<5	ug/kg	BW-D	08/31/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW2-Soil 3
AES sample #: 980828AC03
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<5	ug/kg	BW-B	09/01/98
Bromomethane	EPA-8010	<5	ug/kg	BW-B	09/01/98
Dichlorodifluoromethane	EPA-8010	<5	ug/kg	BW-B	09/01/98
Vinyl Chloride	EPA-8010	<5	ug/kg	BW-B	09/01/98
Chloroethane	EPA-8010	<5	ug/kg	BW-B	09/01/98
Methylene Chloride	EPA-8010	<5	ug/kg	BW-B	09/01/98
Trichloroflouromethane	EPA-8010	<5	ug/kg	BW-B	09/01/98
1,1-Dichloroethene	EPA-8010	<5	ug/kg	BW-B	09/01/98
1,1-Dichloroethane	EPA-8010	<5	ug/kg	BW-B	09/01/98
Total 1,2 Dichloroethene	EPA-8010	<5	ug/kg	BW-B	09/01/98
Chloroform	EPA-8010	<5	ug/kg	BW-B	09/01/98
1,2-Dichloroethane	EPA-8010	<5	ug/kg	BW-B	09/01/98
1,1,1-Trichloroethane	EPA-8010	<5	ug/kg	BW-B	09/01/98
Carbon Tetrachloride	EPA-8010	<5	ug/kg	BW-B	09/01/98
Bromo dichloromethane	EPA-8010	<5	ug/kg	BW-B	09/01/98
1,2-Dichloropropane	EPA-8010	<5	ug/kg	BW-B	09/01/98
trans-1,3-Dichloropropene	EPA-8010	<5	ug/kg	BW-B	09/01/98
Trichloroethene	EPA-8010	<5	ug/kg	BW-B	09/01/98
Dibromochloromethane	EPA-8010	<5	ug/kg	BW-B	09/01/98
1,1,2-Trichloroethane	EPA-8010	<5	ug/kg	BW-B	09/01/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW2-Soil 3
AES sample #: 980828AC03
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8010	<5	ug/kg	BW-B	09/01/98
2-Chloroethyl vinyl ether	EPA-8010	<5	ug/kg	BW-B	09/01/98
Bromoform	EPA-8010	<5	ug/kg	BW-B	09/01/98
1,1,2,2-Tetrachloroethane	EPA-8010	<5	ug/kg	BW-B	09/01/98
Tetrachloroethene	EPA-8010	<5	ug/kg	BW-B	09/01/98
Chlorobenzene	EPA-8010	<5	ug/kg	BW-B	09/01/98
1,2-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-B	09/01/98
1 3-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-B	09/01/98
1,4-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-B	09/01/98
Benzene	EPA-8020	<5	ug/kg	BW-B	09/01/98
Toluene	EPA-8020	<5	ug/kg	BW-B	09/01/98
Ethylbenzene	EPA-8020	<5	ug/kg	BW-B	09/01/98
Chlorobenzene	EPA-8020	<5	ug/kg	BW-B	09/01/98
p-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-B	09/01/98
m-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-B	09/01/98
o-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-B	09/01/98
Xylenes	EPA-8020	<5	ug/kg	BW-B	09/01/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW2-Soil 4
AES sample #: 980828AC04 Samples taken by: J.P.Blaum
MATRIX: Soil

Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<100	ug/kg	BW-B	09/01/98
Bromomethane	EPA-8010	<100	ug/kg	BW-B	09/01/98
Dichlorodifluoromethane	EPA-8010	<100	ug/kg	BW-B	09/01/98
Vinyl Chloride	EPA-8010	<100	ug/kg	BW-B	09/01/98
Chloroethane	EPA-8010	<100	ug/kg	BW-B	09/01/98
Methylene Chloride	EPA-8010	<100	ug/kg	BW-B	09/01/98
Trichloroflouromethane	EPA-8010	<100	ug/kg	BW-B	09/01/98
1,1-Dichloroethene	EPA-8010	<100	ug/kg	BW-B	09/01/98
1,1-Dichloroethane	EPA-8010	<100	ug/kg	BW-B	09/01/98
Total 1,2 Dichloroethene	EPA-8010	150	ug/kg	BW-B	09/01/98
Chloroform	EPA-8010	<100	ug/kg	BW-B	09/01/98
1,2-Dichloroethane	EPA-8010	<100	ug/kg	BW-B	09/01/98
1,1,1-Trichloroethane	EPA-8010	<100	ug/kg	BW-B	09/01/98
Carbon Tetrachloride	EPA-8010	<100	ug/kg	BW-B	09/01/98
Bromo dichloromethane	EPA-8010	<100	ug/kg	BW-B	09/01/98
1,2-Dichloropropane	EPA-8010	<100	ug/kg	BW-B	09/01/98
trans-1,3-Dichloropropene	EPA-8010	<100	ug/kg	BW-B	09/01/98
Trichloroethene	EPA-8010	<100	ug/kg	BW-B	09/01/98
Dibromochloromethane	EPA-8010	<100	ug/kg	BW-B	09/01/98
1,1,2-Trichloroethane	EPA-8010	<100	ug/kg	BW-B	09/01/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW2-Soil 4
AES sample #: 980828AC04
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8010	<100	ug/kg	BW-B	09/01/98
2-Chloroethyl vinyl ether	EPA-8010	<100	ug/kg	BW-B	09/01/98
Bromoform	EPA-8010	<100	ug/kg	BW-B	09/01/98
1,1,2,2-Tetrachloroethane	EPA-8010	<100	ug/kg	BW-B	09/01/98
Tetrachloroethene	EPA-8010	<100	ug/kg	BW-B	09/01/98
Chlorobenzene	EPA-8010	<100	ug/kg	BW-B	09/01/98
1,2-Dichlorobenzene	EPA-8010	<100	ug/kg	BW-B	09/01/98
1 3-Dichlorobenzene	EPA-8010	<100	ug/kg	BW-B	09/01/98
1,4-Dichlorobenzene	EPA-8010	<100	ug/kg	BW-B	09/01/98
Benzene	EPA-8020	<100	ug/kg	BW-B	09/01/98
Toluene	EPA-8020	<100	ug/kg	BW-B	09/01/98
Ethylbenzene	EPA-8020	120	ug/kg	BW-B	09/01/98
Chlorobenzene	EPA-8020	<100	ug/kg	BW-B	09/01/98
p-Dichlorobenzene	EPA-8020	<100	ug/kg	BW-B	09/01/98
m-Dichlorobenzene	EPA-8020	<100	ug/kg	BW-B	09/01/98
o-Dichlorobenzene	EPA-8020	<100	ug/kg	BW-B	09/01/98
Xylenes	EPA-8020	150	ug/kg	BW-B	09/01/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW2-Soil 5
AES sample #: 980828AC05
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<500	ug/kg	BW-B	09/01/98
Bromomethane	EPA-8010	<500	ug/kg	BW-B	09/01/98
Dichlorodifluoromethane	EPA-8010	<500	ug/kg	BW-B	09/01/98
Vinyl Chloride	EPA-8010	<500	ug/kg	BW-B	09/01/98
Chloroethane	EPA-8010	<500	ug/kg	BW-B	09/01/98
Methylene Chloride	EPA-8010	<500	ug/kg	BW-B	09/01/98
Trichlorofluoromethane	EPA-8010	<500	ug/kg	BW-B	09/01/98
1,1-Dichloroethene	EPA-8010	<500	ug/kg	BW-B	09/01/98
1,1-Dichloroethane	EPA-8010	<500	ug/kg	BW-B	09/01/98
Total 1,2 Dichloroethene	EPA-8010	710	ug/kg	BW-B	09/01/98
Chloroform	EPA-8010	<500	ug/kg	BW-B	09/01/98
1,2-Dichloroethane	EPA-8010	<500	ug/kg	BW-B	09/01/98
1,1,1-Trichloroethane	EPA-8010	<500	ug/kg	BW-B	09/01/98
Carbon Tetrachloride	EPA-8010	<500	ug/kg	BW-B	09/01/98
Bromo dichloromethane	EPA-8010	<500	ug/kg	BW-B	09/01/98
1,2-Dichloropropane	EPA-8010	<500	ug/kg	BW-B	09/01/98
trans-1,3-Dichloropropene	EPA-8010	<500	ug/kg	BW-B	09/01/98
Trichloroethene	EPA-8010	<500	ug/kg	BW-B	09/01/98
Dibromochloromethane	EPA-8010	<500	ug/kg	BW-B	09/01/98
1,1,2-Trichloroethane	EPA-8010	<500	ug/kg	BW-B	09/01/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW2-Soil 5
AES sample #: 980828AC05
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8010	<500	ug/kg	BW-B	09/01/98
2-Chloroethyl vinyl ether	EPA-8010	<500	ug/kg	BW-B	09/01/98
Bromoform	EPA-8010	<500	ug/kg	BW-B	09/01/98
1,1,2,2-Tetrachloroethane	EPA-8010	<500	ug/kg	BW-B	09/01/98
Tetrachloroethene	EPA-8010	<500	ug/kg	BW-B	09/01/98
Chlorobenzene	EPA-8010	<500	ug/kg	BW-B	09/01/98
1,2-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-B	09/01/98
1,3-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-B	09/01/98
1,4-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-B	09/01/98
Benzene	EPA-8020	<500	ug/kg	BW-B	09/01/98
Toluene	EPA-8020	<500	ug/kg	BW-B	09/01/98
Ethylbenzene	EPA-8020	2900	ug/kg	BW-B	09/01/98
Chlorobenzene	EPA-8020	<500	ug/kg	BW-B	09/01/98
p-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-B	09/01/98
m-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-B	09/01/98
o-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-B	09/01/98
Xylenes	EPA-8020	8600	ug/kg	BW-B	09/01/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW3-Soil 1
AES sample #: 980828AC06
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
Bromomethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
Dichlorodifluoromethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
Vinyl Chloride	EPA-8010	<5	ug/kg	BW-D	08/31/98
Chloroethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
Methylene Chloride	EPA-8010	<5	ug/kg	BW-D	08/31/98
Trichloroflouromethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
1,1-Dichloroethene	EPA-8010	<5	ug/kg	BW-D	08/31/98
1,1-Dichloroethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
Total 1,2 Dichloroethene	EPA-8010	<5	ug/kg	BW-D	08/31/98
Chloroform	EPA-8010	<5	ug/kg	BW-D	08/31/98
1,2-Dichloroethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
1,1,1-Trichloroethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
Carbon Tetrachloride	EPA-8010	<5	ug/kg	BW-D	08/31/98
Bromo dichloromethane	EPA-8010	<5	ug/kg	BW-D	08/31/98
1,2-Dichloropropane	EPA-8010	<5	ug/kg	BW-D	08/31/98
trans-1,3-Dichloropropene	EPA-8010	<5	ug/kg	BW-D	08/31/98
Trichloroethene	EPA-8010	<5	ug/kg	BW-B	08/31/98
Dibromochloromethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,1,2-Trichloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW3-Soil 1
AES sample #: 980828AC06
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8010	<5	ug/kg	BW-B	08/31/98
2-Chloroethyl vinyl ether	EPA-8010	<5	ug/kg	BW-B	08/31/98
Bromoform	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,1,2,2-Tetrachloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Tetrachloroethene	EPA-8010	<5	ug/kg	BW-B	08/31/98
Chlorobenzene	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,2-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,3-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,4-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-B	08/31/98
Benzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
Toluene	EPA-8020	<5	ug/kg	BW-B	08/31/98
Ethylbenzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
Chlorobenzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
p-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
m-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
o-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
Xylenes	EPA-8020	<5	ug/kg	BW-B	08/31/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW3-Soil 2
AES sample #: 980828AC07
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Bromomethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Dichlorodiflucromethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Vinyl Chloride	EPA-8010	<5	ug/kg	BW-B	08/31/98
Chloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Methylene Chloride	EPA-8010	<5	ug/kg	BW-B	08/31/98
Trichloroflouromethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,1-Dichloroethene	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,1-Dichloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Total 1,2 Dichloroethene	EPA-8010	<5	ug/kg	BW-B	08/31/98
Chloroform	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,2-Dichloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,1,1-Trichloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Carbon Tetrachloride	EPA-8010	<5	ug/kg	BW-B	08/31/98
Bromo dichloromethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,2-Dichloropropane	EPA-8010	<5	ug/kg	BW-B	08/31/98
trans-1,3-Dichloropropene	EPA-8010	<5	ug/kg	BW-B	08/31/98
Trichloroethene	EPA-8010	<5	ug/kg	BW-B	08/31/98
Dibromochloromethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,1,2-Trichloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW3-Soil 2
AES sample #: 980828AC07
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8010	<5	ug/kg	BW-B	08/31/98
2-Chloroethyl vinyl ether	EPA-8010	<5	ug/kg	BW-B	08/31/98
Bromoform	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,1,2,2-Tetrachloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Tetrachloroethene	EPA-8010	<5	ug/kg	BW-B	08/31/98
Chlorobenzene	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,2-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,3-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,4-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-B	08/31/98
Benzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
Toluene	EPA-8020	<5	ug/kg	BW-B	08/31/98
Ethylbenzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
Chlorobenzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
p-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
m-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
o-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
Xylenes	EPA-8020	<5	ug/kg	BW-B	08/31/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW3-Soil 3
AES sample #: 980828AC08
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Bromomethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Dichlorodifluoromethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Vinyl Chloride	EPA-8010	<5	ug/kg	BW-B	08/31/98
Chloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Methylene Chloride	EPA-8010	<5	ug/kg	BW-B	08/31/98
Trichloroflouromethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
1-Dichloroethene	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,1-Dichloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Total 1,2 Dichloroethene	EPA-8010	<5	ug/kg	BW-B	08/31/98
Chloroform	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,2-Dichloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,1,1-Trichloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Carbon Tetrachloride	EPA-8010	<5	ug/kg	BW-B	08/31/98
Bromo dichloromethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,2-Dichloropropane	EPA-8010	<5	ug/kg	BW-B	08/31/98
trans-1,3-Dichloropropene	EPA-8010	<5	ug/kg	BW-B	08/31/98
Trichloroethene	EPA-8010	<5	ug/kg	BW-B	08/31/98
Dibromochloromethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,1,2-Trichloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW3-Soil 3
AES sample #: 980828AC08
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8010	<5	ug/kg	BW-B	08/31/98
2-Chloroethyl vinyl ether	EPA-8010	<5	ug/kg	BW-B	08/31/98
Bromoform	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,1,2,2-Tetrachloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Tetrachloroethene	EPA-8010	<5	ug/kg	BW-B	08/31/98
Chlorobenzene	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,2-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-B	08/31/98
1 3-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,4-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-B	08/31/98
Benzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
Toluene	EPA-8020	<5	ug/kg	BW-B	08/31/98
Ethylbenzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
Chlorobenzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
p-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
m-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
o-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
Xylenes	EPA-8020	<5	ug/kg	BW-B	08/31/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW3-Soil 4
AES sample #: 980828AC09
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Bromomethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Dichlorodifluoromethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Vinyl Chloride	EPA-8010	<5	ug/kg	BW-B	08/31/98
Chloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Methylene Chloride	EPA-8010	<5	ug/kg	BW-B	08/31/98
Trichloroflouromethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
1 1-Dichloroethene	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,1-Dichloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Total 1,2 Dichloroethene	EPA-8010	<5	ug/kg	BW-B	08/31/98
Chloroform	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,2-Dichloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,1,1-Trichloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Carbon Tetrachloride	EPA-8010	<5	ug/kg	BW-B	08/31/98
Bromo dichloromethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,2-Dichloropropane	EPA-8010	<5	ug/kg	BW-B	08/31/98
trans-1,3-Dichloropropene	EPA-8010	<5	ug/kg	BW-B	08/31/98
Trichloroethene	EPA-8010	<5	ug/kg	BW-B	08/31/98
Dibromochloromethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,1,2-Trichloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW3-Soil 4
AES sample #: 980828AC09
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8010	<5	ug/kg	BW-B	08/31/98
2-Chloroethyl vinyl ether	EPA-8010	<5	ug/kg	BW-B	08/31/98
Bromoform	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,1,2,2-Tetrachloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Tetrachloroethene	EPA-8010	<5	ug/kg	BW-B	08/31/98
Chlorobenzene	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,2-Dichlorobenzene	EPA-8010	5	ug/kg	BW-B	08/31/98
1 3-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,4-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-B	08/31/98
Benzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
Toluene	EPA-8020	<5	ug/kg	BW-B	08/31/98
Ethylbenzene	EPA-8020	24	ug/kg	BW-B	08/31/98
Chlorobenzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
p-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
m-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
o-Dichlorobenzene	EPA-8020	5	ug/kg	BW-B	08/31/98
Xylenes	EPA-8020	51	ug/kg	BW-B	08/31/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW3-Soil 5
AES sample #: 980828AC10
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<500	ug/kg	BW-B	09/01/98
Bromomethane	EPA-8010	<500	ug/kg	BW-B	09/01/98
Dichlorodifluoromethane	EPA-8010	<500	ug/kg	BW-B	09/01/98
Vinyl Chloride	EPA-8010	<500	ug/kg	BW-B	09/01/98
Chloroethane	EPA-8010	<500	ug/kg	BW-B	09/01/98
Methylene Chloride	EPA-8010	<500	ug/kg	BW-B	09/01/98
Trichloroflouromethane	EPA-8010	<500	ug/kg	BW-B	09/01/98
1-Dichloroethene	EPA-8010	<500	ug/kg	BW-B	09/01/98
1,1-Dichloroethane	EPA-8010	<500	ug/kg	BW-B	09/01/98
Total 1,2 Dichloroethene	EPA-8010	<500	ug/kg	BW-B	09/01/98
Chloroform	EPA-8010	<500	ug/kg	BW-B	09/01/98
1,2-Dichloroethane	EPA-8010	<500	ug/kg	BW-B	09/01/98
1,1,1-Trichloroethane	EPA-8010	<500	ug/kg	BW-B	09/01/98
Carbon Tetrachloride	EPA-8010	<500	ug/kg	BW-B	09/01/98
Bromo dichloromethane	EPA-8010	<500	ug/kg	BW-B	09/01/98
1,2-Dichloropropane	EPA-8010	<500	ug/kg	BW-B	09/01/98
trans-1,3-Dichloropropene	EPA-8010	<500	ug/kg	BW-B	09/01/98
Trichloroethene	EPA-8010	<500	ug/kg	BW-B	09/01/98
Dibromochloromethane	EPA-8010	<500	ug/kg	BW-B	09/01/98
1,1,2-Trichloroethane	EPA-8010	<500	ug/kg	BW-B	09/01/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW3-Soil 5
AES sample #: 980828AC10 Samples taken by: J.P.Blaum Location: Korkay, Inc.
MATRIX: Soil composite
Date Sampled: 08/28/98
Date sample received: 08/28/98

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8010	<500	ug/kg	BW-B	09/01/98
2-Chloroethyl vinyl ether	EPA-8010	<500	ug/kg	BW-B	09/01/98
Bromoform	EPA-8010	<500	ug/kg	BW-B	09/01/98
1,1,2,2-Tetrachloroethane	EPA-8010	<500	ug/kg	BW-B	09/01/98
Tetrachloroethene	EPA-8010	<500	ug/kg	BW-B	09/01/98
Chlorobenzene	EPA-8010	<500	ug/kg	BW-B	09/01/98
1,2-Dichlorobenzene	EPA-8010	500	ug/kg	BW-B	09/01/98
1 3-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-B	09/01/98
1,4-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-B	09/01/98
Benzene	EPA-8020	<500	ug/kg	BW-B	09/01/98
Toluene	EPA-8020	<500	ug/kg	BW-B	09/01/98
Ethylbenzene	EPA-8020	<500	ug/kg	BW-B	09/01/98
Chlorobenzene	EPA-8020	<500	ug/kg	BW-B	09/01/98
p-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-B	09/01/98
m-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-B	09/01/98
o-Dichlorobenzene	EPA-8020	500	ug/kg	BW-B	09/01/98
Xylenes	EPA-8020	17,000	ug/kg	BW-B	09/01/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW1-Soil 1
AES sample #: 980828AC11
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Bromomethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Dichlorodifluoromethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Vinyl Chloride	EPA-8010	<5	ug/kg	BW-B	08/31/98
Chloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Methylene Chloride	EPA-8010	<5	ug/kg	BW-B	08/31/98
Trichloroflouromethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
1-Dichloroethene	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,1-Dichloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Total 1,2 Dichloroethene	EPA-8010	<5	ug/kg	BW-B	08/31/98
Chloroform	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,2-Dichloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,1,1-Trichloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Carbon Tetrachloride	EPA-8010	<5	ug/kg	BW-B	08/31/98
Bromo dichloromethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,2-Dichloropropane	EPA-8010	<5	ug/kg	BW-B	08/31/98
trans-1,3-Dichloropropene	EPA-8010	<5	ug/kg	BW-B	08/31/98
Trichloroethene	EPA-8010	60	ug/kg	BW-B	08/31/98
Dibromochloromethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,1,2-Trichloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW1-Soil 1
AES sample #: 980828AC11
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8010	<5	ug/kg	BW-B	08/31/98
2-Chloroethyl vinyl ether	EPA-8010	<5	ug/kg	BW-B	08/31/98
Bromoform	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,1,2,2-Tetrachloroethane	EPA-8010	<5	ug/kg	BW-B	08/31/98
Tetrachloroethene	EPA-8010	<5	ug/kg	BW-B	08/31/98
Chlorobenzene	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,2-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-B	08/31/98
1 3-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-B	08/31/98
1,4-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-B	08/31/98
Benzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
Toluene	EPA-8020	<5	ug/kg	BW-B	08/31/98
Ethylbenzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
Chlorobenzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
p-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-B	08/31/98
m-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-B	09/01/98
o-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-B	09/01/98
Xylenes	EPA-8020	<5	ug/kg	BW-B	09/01/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW1-Soil 2
AES sample #: 960828AC12
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<5	ug/kg	BW-B	09/01/98
Bromomethane	EPA-8010	<5	ug/kg	BW-B	09/01/98
Dichlorodifluoromethane	EPA-8010	<5	ug/kg	BW-B	09/01/98
Vinyl Chloride	EPA-8010	<5	ug/kg	BW-B	09/01/98
Chloroethane	EPA-8010	<5	ug/kg	BW-B	09/01/98
Methylene Chloride	EPA-8010	<5	ug/kg	BW-B	09/01/98
Trichloroflouromethane	EPA-8010	<5	ug/kg	BW-B	09/01/98
1 1-Dichloroethene	EPA-8010	<5	ug/kg	BW-B	09/01/98
1,1-Dichloroethane	EPA-8010	<5	ug/kg	BW-B	09/01/98
Total 1,2 Dichloroethene	EPA-8010	16	ug/kg	BW-B	09/01/98
Chloroform	EPA-8010	<5	ug/kg	BW-B	09/01/98
1,2-Dichloroethane	EPA-8010	<5	ug/kg	BW-B	09/01/98
1,1,1-Trichloroethane	EPA-8010	<5	ug/kg	BW-B	09/01/98
Carbon Tetrachloride	EPA-8010	<5	ug/kg	BW-B	09/01/98
Bromo dichloromethane	EPA-8010	<5	ug/kg	BW-B	09/01/98
1,2-Dichloropropane	EPA-8010	<5	ug/kg	BW-B	09/01/98
trans-1,3-Dichloropropene	EPA-8010	<5	ug/kg	BW-B	09/01/98
Trichloroethene	EPA-8010	55	ug/kg	BW-B	09/01/98
Dibromochloromethane	EPA-8010	<5	ug/kg	BW-B	09/01/98
1,1,2-Trichloroethane	EPA-8010	<5	ug/kg	BW-B	09/01/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW1-Soil 2
AES sample #: 980828AC12
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8010	<5	ug/kg	BW-B	09/01/98
2-Chloroethyl vinyl ether	EPA-8010	<5	ug/kg	BW-B	09/01/98
Bromoform	EPA-8010	<5	ug/kg	BW-B	09/01/98
1,1,2,2-Tetrachloroethane	EPA-8010	<5	ug/kg	BW-B	09/01/98
Tetrachloroethene	EPA-8010	<5	ug/kg	BW-B	09/01/98
Chlorobenzene	EPA-8010	<5	ug/kg	BW-B	09/01/98
1,2-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-B	09/01/98
1 3-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-B	09/01/98
1,4-Dichlorobenzene	EPA-8010	<5	ug/kg	BW-B	09/01/98
Benzene	EPA-8020	<5	ug/kg	BW-B	09/01/98
Toluene	EPA-8020	<5	ug/kg	BW-B	09/01/98
Ethylbenzene	EPA-8020	<5	ug/kg	BW-B	09/01/98
Chlorobenzene	EPA-8020	<5	ug/kg	BW-B	09/01/98
p-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-B	09/01/98
m-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-B	09/01/98
o-Dichlorobenzene	EPA-8020	<5	ug/kg	BW-B	09/01/98
Xylenes	EPA-8020	11	ug/kg	BW-B	09/01/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW1-Soil 3
AES sample #: 980828AC13
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Bromomethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Dichlorodifluoromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Vinyl Chloride	EPA-8010	<500	ug/kg	BW-D	09/01/98
Chloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Methylene Chloride	EPA-8010	<500	ug/kg	BW-D	09/01/98
Trichloroflouromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
1-Dichloroethene	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1-Dichloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Total 1,2 Dichloroethene	EPA-8010	1500	ug/kg	BW-D	09/01/98
Chloroform	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,2-Dichloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1,1-Trichloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Carbon Tetrachloride	EPA-8010	<500	ug/kg	BW-D	09/01/98
Bromo dichloromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,2-Dichloropropane	EPA-8010	<500	ug/kg	BW-D	09/01/98
trans-1,3-Dichloropropene	EPA-8010	<500	ug/kg	BW-D	09/01/98
Trichloroethene	EPA-8010	<500	ug/kg	BW-D	09/01/98
Dibromochloromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1,2-Trichloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98

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CLIENT: Camp Dresser & McKee — Date Sampled: 08/28/98
CLIENT'S SAMPLE ID: CDM-VEW1-Soil 3 — Date sample received: 08/28/98
AES sample #: 980828AC13 — Samples taken by: J.P.Blaum — Location: Korkay, Inc.
MATRIX: Soil — composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8010	<500	ug/kg	BW-D	09/01/98
2-Chloroethyl vinyl ether	EPA-8010	<500	ug/kg	BW-D	09/01/98
Bromoform	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1,2,2-Tetrachloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Tetrachloroethene	EPA-8010	<500	ug/kg	BW-D	09/01/98
Chlorobenzene	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,2-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,3-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,4-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-D	09/01/98
Benzene	EPA-8020	<500	ug/kg	BW-D	09/01/98
Toluene	EPA-8020	590	ug/kg	BW-D	09/01/98
Ethylbenzene	EPA-8020	2400	ug/kg	BW-D	09/01/98
Chlorobenzene	EPA-8020	<500	ug/kg	BW-D	09/01/98
p-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-D	09/01/98
m-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-D	09/01/98
o-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-D	09/01/98
Xylenes	EPA-8020	33,000	ug/kg	BW-D	09/01/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW1-Soil 4
AES sample #: 980828AC14
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Bromomethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Dichlorodifluoromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Vinyl Chloride	EPA-8010	<500	ug/kg	BW-D	09/01/98
Chloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Methylene Chloride	EPA-8010	<500	ug/kg	BW-D	09/01/98
Trichloroflouromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1-Dichloroethene	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1-Dichloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Total 1,2 Dichloroethene	EPA-8010	3200	ug/kg	BW-D	09/01/98
Chloroform	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,2-Dichloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1,1-Trichloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Carbon Tetrachloride	EPA-8010	<500	ug/kg	BW-D	09/01/98
Bromo dichloromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,2-Dichloropropane	EPA-8010	<500	ug/kg	BW-D	09/01/98
trans-1,3-Dichloropropene	EPA-8010	<500	ug/kg	BW-D	09/01/98
Trichloroethene	EPA-8010	4600	ug/kg	BW-D	09/01/98
Dibromochloromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1,2-Trichloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW1-Soil 4
AES sample #: 980828AC14 Samples taken by: J.P.Blaum Location: Korkay, Inc.
MATRIX: Soil composite
Date Sampled: 08/28/98
Date sample received: 08/28/98

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8010	<500	ug/kg	BW-D	09/01/98
2-Chloroethyl vinyl ether	EPA-8010	<500	ug/kg	BW-D	09/01/98
Bromoform	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1,2,2-Tetrachloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Tetrachloroethene	EPA-8010	<500	ug/kg	BW-D	09/01/98
Chlorobenzene	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,2-Dichlorobenzene	EPA-8010	630	ug/kg	BW-D	09/01/98
1 3-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,4-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-D	09/01/98
Benzene	EPA-8020	<500	ug/kg	BW-D	09/01/98
Toluene	EPA-8020	2100	ug/kg	BW-D	09/01/98
Ethylbenzene	EPA-8020	7200	ug/kg	BW-D	09/01/98
Chlorobenzene	EPA-8020	<500	ug/kg	BW-D	09/01/98
p-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-D	09/01/98
m-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-D	09/01/98
o-Dichlorobenzene	EPA-8020	630	ug/kg	BW-D	09/01/98
Xylenes	EPA-8020	55,000	ug/kg	BW-D	09/01/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW1-Soil 5
AES sample #: 980828AC15
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
Bromomethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
Dichlorodifluoromethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
Vinyl Chloride	EPA-8010	<500	ug/kg	BW-B	09/02/98
Chloroethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
Methylene Chloride	EPA-8010	<500	ug/kg	BW-B	09/02/98
Trichloroflouromethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,1-Dichloroethene	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,1-Dichloroethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
Total 1,2 Dichloroethene	EPA-8010	5500	ug/kg	BW-B	09/02/98
Chloroform	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,2-Dichloroethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,1,1-Trichloroethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
Carbon Tetrachloride	EPA-8010	<500	ug/kg	BW-B	09/02/98
Bromo dichloromethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,2-Dichloropropane	EPA-8010	<500	ug/kg	BW-B	09/02/98
trans-1,3-Dichloropropene	EPA-8010	<500	ug/kg	BW-B	09/02/98
Trichloroethene	EPA-8010	6700	ug/kg	BW-B	09/02/98
Dibromochloromethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,1,2-Trichloroethane	EPA-8010	<500	ug/kg	BW-B	09/02/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW1-Soil 5
AES sample #: 980828AC15
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8010	<500	ug/kg	BW-B	09/02/98
2-Chloroethyl vinyl ether	EPA-8010	<500	ug/kg	BW-B	09/02/98
Bromoform	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,1,2,2-Tetrachloroethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
Tetrachloroethene	EPA-8010	<500	ug/kg	BW-B	09/02/98
Chlorobenzene	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,2-Dichlorobenzene	EPA-8010	1700	ug/kg	BW-B	09/02/98
1 3-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,4-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-B	09/02/98
Benzene	EPA-8020	<500	ug/kg	BW-B	09/02/98
Toluene	EPA-8020	6400	ug/kg	BW-B	09/02/98
Ethylbenzene	EPA-8020	14,000	ug/kg	BW-B	09/02/98
Chlorobenzene	EPA-8020	<500	ug/kg	BW-B	09/02/98
p-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-B	09/02/98
m-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-B	09/02/98
o-Dichlorobenzene	EPA-8020	1700	ug/kg	BW-B	09/02/98
Xylenes	EPA-8020	52,000	ug/kg	BW-B	09/02/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW4-Soil 2
AES sample #: 980828AC16
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<50	ug/kg	BW-B	09/04/98
Bromomethane	EPA-8010	<50	ug/kg	BW-B	09/04/98
Dichlorodifluoromethane	EPA-8010	<50	ug/kg	BW-B	09/04/98
Vinyl Chloride	EPA-8010	<50	ug/kg	BW-B	09/04/98
Chloroethane	EPA-8010	<50	ug/kg	BW-B	09/04/98
Methylene Chloride	EPA-8010	<50	ug/kg	BW-B	09/04/98
Trichlorofluoromethane	EPA-8010	<50	ug/kg	BW-B	09/04/98
1,1-Dichloroethene	EPA-8010	<50	ug/kg	BW-B	09/04/98
1,1-Dichloroethane	EPA-8010	<50	ug/kg	BW-B	09/04/98
Total 1,2 Dichloroethene	EPA-8010	<50	ug/kg	BW-B	09/04/98
Chloroform	EPA-8010	<50	ug/kg	BW-B	09/04/98
1,2-Dichloroethane	EPA-8010	<50	ug/kg	BW-B	09/04/98
1,1,1-Trichloroethane	EPA-8010	<50	ug/kg	BW-B	09/04/98
Carbon Tetrachloride	EPA-8010	<50	ug/kg	BW-B	09/04/98
Bromo dichloromethane	EPA-8010	<50	ug/kg	BW-B	09/04/98
1,2-Dichloropropane	EPA-8010	<50	ug/kg	BW-B	09/04/98
trans-1,3-Dichloropropene	EPA-8010	<50	ug/kg	BW-B	09/04/98
Trichloroethene	EPA-8010	84	ug/kg	BW-B	09/04/98
Dibromochloromethane	EPA-8010	<50	ug/kg	BW-B	09/04/98
1,1,2-Trichloroethane	EPA-8010	<50	ug/kg	BW-B	09/04/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW4-Soil 2
AES sample #: 980828AC16 Samples taken by: J.P.Blaum
MATRIX: Soil

Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8010	<50	ug/kg	BW-B	09/04/98
2-Chloroethyl vinyl ether	EPA-8010	<50	ug/kg	BW-B	09/04/98
Bromoform	EPA-8010	<50	ug/kg	BW-B	09/04/98
1,1,2,2-Tetrachloroethane	EPA-8010	<50	ug/kg	BW-B	09/04/98
Tetrachloroethene	EPA-8010	<50	ug/kg	BW-B	09/04/98
Chlorobenzene	EPA-8010	<50	ug/kg	BW-B	09/04/98
1,2-Dichlorobenzene	EPA-8010	<50	ug/kg	BW-B	09/04/98
1,3-Dichlorobenzene	EPA-8010	<50	ug/kg	BW-B	09/04/98
1,4-Dichlorobenzene	EPA-8010	<50	ug/kg	BW-B	09/04/98
Benzene	EPA-8020	<50	ug/kg	BW-B	09/04/98
Toluene	EPA-8020	<50	ug/kg	BW-B	09/04/98
Ethylbenzene	EPA-8020	<50	ug/kg	BW-B	09/04/98
Chlorobenzene	EPA-8020	<50	ug/kg	BW-B	09/04/98
p-Dichlorobenzene	EPA-8020	<50	ug/kg	BW-B	09/04/98
m-Dichlorobenzene	EPA-8020	<50	ug/kg	BW-B	09/04/98
o-Dichlorobenzene	EPA-8020	<50	ug/kg	BW-B	09/04/98
Xylenes	EPA-8020	<50	ug/kg	BW-B	09/04/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW4-Soil 3
AES sample #: 980828AC17
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Bromomethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Dichlorodifluoromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Vinyl Chloride	EPA-8010	<500	ug/kg	BW-D	09/01/98
Chloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Methylene Chloride	EPA-8010	<500	ug/kg	BW-D	09/01/98
Trichloroflouromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1-Dichloroethene	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1-Dichloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Total 1,2 Dichloroethene	EPA-8010	<500	ug/kg	BW-D	09/01/98
Chloroform	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,2-Dichloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1,1-Trichloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Carbon Tetrachloride	EPA-8010	<500	ug/kg	BW-D	09/01/98
Bromo dichloromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,2-Dichloropropane	EPA-8010	<500	ug/kg	BW-D	09/01/98
trans-1,3-Dichloropropene	EPA-8010	<500	ug/kg	BW-D	09/01/98
Trichloroethene	EPA-8010	<500	ug/kg	BW-D	09/01/98
Dibromochloromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1,2-Trichloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW4-Soil 3
AES sample #: 980828AC17 Samples taken by: J.P.Blaum
MATRIX: Soil

Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

continued:

PARAMETER	PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene		EPA-8010	<500	ug/kg	BW-D	09/01/98
2-Chloroethyl vinyl ether		EPA-8010	<500	ug/kg	BW-D	09/01/98
Bromoform		EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1,2,2-Tetrachloroethane		EPA-8010	<500	ug/kg	BW-D	09/01/98
Tetrachloroethene		EPA-8010	<500	ug/kg	BW-D	09/01/98
Chlorobenzene		EPA-8010	<500	ug/kg	BW-D	09/01/98
1,2-Dichlorobenzene		EPA-8010	<500	ug/kg	BW-D	09/01/98
1,3-Dichlorobenzene		EPA-8010	<500	ug/kg	BW-D	09/01/98
1,4-Dichlorobenzene		EPA-8010	<500	ug/kg	BW-D	09/01/98
Benzene		EPA-8020	<500	ug/kg	BW-D	09/01/98
Toluene		EPA-8020	<500	ug/kg	BW-D	09/01/98
Ethylbenzene		EPA-8020	720	ug/kg	BW-D	09/01/98
Chlorobenzene		EPA-8020	<500	ug/kg	BW-D	09/01/98
p-Dichlorobenzene		EPA-8020	<500	ug/kg	BW-D	09/01/98
m-Dichlorobenzene		EPA-8020	<500	ug/kg	BW-D	09/01/98
o-Dichlorobenzene		EPA-8020	<500	ug/kg	BW-D	09/01/98
Xylenes		EPA-8020	9400	ug/kg	BW-D	09/01/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW4-Soil 4
AES sample #: 980828AC18
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Bromomethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Dichlorodifluoromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Vinyl Chloride	EPA-8010	<500	ug/kg	BW-D	09/01/98
Chloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Methylene Chloride	EPA-8010	<500	ug/kg	BW-D	09/01/98
Trichloroflouromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1-Dichloroethene	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1-Dichloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Total 1,2 Dichloroethene	EPA-8010	<500	ug/kg	BW-D	09/01/98
Chloroform	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,2-Dichloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1,1-Trichloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Carbon Tetrachloride	EPA-8010	<500	ug/kg	BW-D	09/01/98
Bromo dichloromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,2-Dichloropropane	EPA-8010	<500	ug/kg	BW-D	09/01/98
trans-1,3-Dichloropropene	EPA-8010	<500	ug/kg	BW-D	09/01/98
Trichloroethene	EPA-8010	2300	ug/kg	BW-D	09/01/98
Dibromochloromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1,2-Trichloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98

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CLIENT: Camp Dresser & McKee — Date Sampled: 08/28/98
CLIENT'S SAMPLE ID: CDM-VEW4-Soil 4 — Date sample received: 08/28/98
AES sample #: 980828AC18 — Samples taken by: J.P.Blaum — Location: Korkay, Inc.
MATRIX: Soil — composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8010	<500	ug/kg	BW-D	09/01/98
2-Chloroethyl vinyl ether	EPA-8010	<500	ug/kg	BW-D	09/01/98
Bromoform	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1,2,2-Tetrachloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Tetrachloroethene	EPA-8010	<500	ug/kg	BW-D	09/01/98
Chlorobenzene	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,2-Dichlorobenzene	EPA-8010	5500	ug/kg	BW-D	09/01/98
1,3-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,4-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-D	09/01/98
Benzene	EPA-8020	<500	ug/kg	BW-D	09/01/98
Toluene	EPA-8020	12,000	ug/kg	BW-D	09/01/98
Ethylbenzene	EPA-8020	19,000	ug/kg	BW-D	09/01/98
Chlorobenzene	EPA-8020	<500	ug/kg	BW-D	09/01/98
p-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-D	09/01/98
m-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-D	09/01/98
o-Dichlorobenzene	EPA-8020	5500	ug/kg	BW-D	09/01/98
Xylenes	EPA-8020	120,000	ug/kg	BW-D	09/01/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW4-Soil 5
AES sample #: 980828AC19
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
Bromomethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
Dichlorodifluoromethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
Vinyl Chloride	EPA-8010	<500	ug/kg	BW-B	09/02/98
Chloroethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
Methylene Chloride	EPA-8010	<500	ug/kg	BW-B	09/02/98
Trichloroflouromethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
1 1-Dichloroethene	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,1-Dichloroethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
Total 1,2 Dichloroethene	EPA-8010	<500	ug/kg	BW-B	09/02/98
Chloroform	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,2-Dichloroethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,1,1-Trichloroethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
Carbon Tetrachloride	EPA-8010	<500	ug/kg	BW-B	09/02/98
Bromo dichloromethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,2-Dichloropropane	EPA-8010	<500	ug/kg	BW-B	09/02/98
trans-1,3-Dichloropropene	EPA-8010	<500	ug/kg	BW-B	09/02/98
Trichloroethene	EPA-8010	<500	ug/kg	BW-B	09/02/98
Dibromochloromethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,1,2-Trichloroethane	EPA-8010	<500	ug/kg	BW-B	09/02/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW4-Soil 5
AES sample #: 980828AC19
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8010	<500	ug/kg	BW-B	09/02/98
2-Chloroethyl vinyl ether	EPA-8010	<500	ug/kg	BW-B	09/02/98
Bromoform	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,1,2,2-Tetrachloroethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
Tetrachloroethene	EPA-8010	<500	ug/kg	BW-B	09/02/98
Chlorobenzene	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,2-Dichlorobenzene	EPA-8010	1800	ug/kg	BW-B	09/02/98
1 3-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,4-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-B	09/02/98
Benzene	EPA-8020	<500	ug/kg	BW-B	09/02/98
Toluene	EPA-8020	3500	ug/kg	BW-B	09/02/98
Ethylbenzene	EPA-8020	<500	ug/kg	BW-B	09/02/98
Chlorobenzene	EPA-8020	<500	ug/kg	BW-B	09/02/98
p-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-B	09/02/98
m-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-B	09/02/98
o-Dichlorobenzene	EPA-8020	1800	ug/kg	BW-B	09/02/98
Xylenes	EPA-8020	33,000	ug/kg	BW-B	09/02/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-ASW-Soil 3
AES sample #: 980828AC20
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<25	ug/kg	BW-B	09/02/98
Bromomethane	EPA-8010	<25	ug/kg	BW-B	09/02/98
Dichlorodifluoromethane	EPA-8010	<25	ug/kg	BW-B	09/02/98
Vinyl Chloride	EPA-8010	<25	ug/kg	BW-B	09/02/98
Chloroethane	EPA-8010	<25	ug/kg	BW-B	09/02/98
Methylene Chloride	EPA-8010	<25	ug/kg	BW-B	09/02/98
Trichloroflouromethane	EPA-8010	<25	ug/kg	BW-B	09/02/98
1 1-Dichloroethene	EPA-8010	<25	ug/kg	BW-B	09/02/98
1,1-Dichloroethane	EPA-8010	<25	ug/kg	BW-B	09/02/98
Total 1,2 Dichloroethene	EPA-8010	<25	ug/kg	BW-B	09/02/98
Chloroform	EPA-8010	<25	ug/kg	BW-B	09/02/98
1,2-Dichloroethane	EPA-8010	<25	ug/kg	BW-B	09/02/98
1,1,1-Trichloroethane	EPA-8010	<25	ug/kg	BW-B	09/02/98
Carbon Tetrachloride	EPA-8010	<25	ug/kg	BW-B	09/02/98
Bromo dichloromethane	EPA-8010	<25	ug/kg	BW-B	09/02/98
1,2-Dichloropropane	EPA-8010	<25	ug/kg	BW-B	09/02/98
trans-1,3-Dichloropropene	EPA-8010	<25	ug/kg	BW-B	09/02/98
Trichloroethene	EPA-8010	<25	ug/kg	BW-B	09/02/98
Dibromochloromethane	EPA-8010	<25	ug/kg	BW-B	09/02/98
1,1,2-Trichloroethane	EPA-8010	<25	ug/kg	BW-B	09/02/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-ASW-Soil 3
AES sample #: 980828AC20
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8010	<25	ug/kg	BW-B	09/02/98
2-Chloroethyl vinyl ether	EPA-8010	<25	ug/kg	BW-B	09/02/98
Bromoform	EPA-8010	<25	ug/kg	BW-B	09/02/98
1,1,2,2-Tetrachloroethane	EPA-8010	<25	ug/kg	BW-B	09/02/98
Tetrachloroethene	EPA-8010	<25	ug/kg	BW-B	09/02/98
Chlorobenzene	EPA-8010	<25	ug/kg	BW-B	09/02/98
1,2-Dichlorobenzene	EPA-8010	<25	ug/kg	BW-B	09/02/98
1 3-Dichlorobenzene	EPA-8010	<25	ug/kg	BW-B	09/02/98
1,4-Dichlorobenzene	EPA-8010	<25	ug/kg	BW-B	09/02/98
Benzene	EPA-8020	<25	ug/kg	BW-B	09/02/98
Toluene	EPA-8020	<25	ug/kg	BW-B	09/02/98
Ethylbenzene	EPA-8020	<25	ug/kg	BW-B	09/02/98
Chlorobenzene	EPA-8020	<25	ug/kg	BW-B	09/02/98
p-Dichlorobenzene	EPA-8020	<25	ug/kg	BW-B	09/02/98
m-Dichlorobenzene	EPA-8020	<25	ug/kg	BW-B	09/02/98
o-Dichlorobenzene	EPA-8020	<25	ug/kg	BW-B	09/02/98
Xylenes	EPA-8020	<25	ug/kg	BW-B	09/02/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-ASW-Soil 4
AES sample #: 980828AC21 Samples taken by: J.P.Blaum
MATRIX: Soil

Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<100	ug/kg	BW-B	09/04/98
Bromomethane	EPA-8010	<100	ug/kg	BW-B	09/04/98
Dichlorodifluoromethane	EPA-8010	<100	ug/kg	BW-B	09/04/98
Vinyl Chloride	EPA-8010	<100	ug/kg	BW-B	09/04/98
Chloroethane	EPA-8010	<100	ug/kg	BW-B	09/04/98
Methylene Chloride	EPA-8010	<100	ug/kg	BW-B	09/04/98
Trichloroflouromethane	EPA-8010	<100	ug/kg	BW-B	09/04/98
1,1-Dichloroethene	EPA-8010	<100	ug/kg	BW-B	09/04/98
1,1-Dichloroethane	EPA-8010	<100	ug/kg	BW-B	09/04/98
Total 1,2 Dichloroethene	EPA-8010	<100	ug/kg	BW-B	09/04/98
Chloroform	EPA-8010	<100	ug/kg	BW-B	09/04/98
1,2-Dichloroethane	EPA-8010	<100	ug/kg	BW-B	09/04/98
1,1,1-Trichloroethane	EPA-8010	<100	ug/kg	BW-B	09/04/98
Carbon Tetrachloride	EPA-8010	<100	ug/kg	BW-B	09/04/98
Bromo dichloromethane	EPA-8010	<100	ug/kg	BW-B	09/04/98
1,2-Dichloropropane	EPA-8010	<100	ug/kg	BW-B	09/04/98
trans-1,3-Dichloropropene	EPA-8010	<100	ug/kg	BW-B	09/04/98
Trichloroethene	EPA-8010	<100	ug/kg	BW-B	09/04/98
Dibromochloromethane	EPA-8010	<100	ug/kg	BW-B	09/04/98
1,1,2-Trichloroethane	EPA-8010	<100	ug/kg	BW-B	09/04/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-ASW-Soil 4
AES sample #: 980828AC21 Samples taken by: J.P.Blaum
MATRIX: Soil

Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8010	<100	ug/kg	BW-B	09/04/98
2-Chloroethyl vinyl ether	EPA-8010	<100	ug/kg	BW-B	09/04/98
Bromoform	EPA-8010	<100	ug/kg	BW-B	09/04/98
1,1,2,2-Tetrachloroethane	EPA-8010	<100	ug/kg	BW-B	09/04/98
Tetrachloroethene	EPA-8010	<100	ug/kg	BW-B	09/04/98
Chlorobenzene	EPA-8010	<100	ug/kg	BW-B	09/04/98
1,2-Dichlorobenzene	EPA-8010	<100	ug/kg	BW-B	09/04/98
1,3-Dichlorobenzene	EPA-8010	<100	ug/kg	BW-B	09/04/98
1,4-Dichlorobenzene	EPA-8010	<100	ug/kg	BW-B	09/04/98
Benzene	EPA-8020	<100	ug/kg	BW-B	09/04/98
Toluene	EPA-8020	<100	ug/kg	BW-B	09/04/98
Ethylbenzene	EPA-8020	320	ug/kg	BW-B	09/04/98
Chlorobenzene	EPA-8020	<100	ug/kg	BW-B	09/04/98
p-Dichlorobenzene	EPA-8020	<100	ug/kg	BW-B	09/04/98
m-Dichlorobenzene	EPA-8020	<100	ug/kg	BW-B	09/04/98
o-Dichlorobenzene	EPA-8020	<100	ug/kg	BW-B	09/04/98
Xylenes	EPA-8020	640	ug/kg	BW-B	09/04/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-ASW-Soil 5
AES sample #: 980828AC22
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Bromomethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Dichlorodifluoromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Vinyl Chloride	EPA-8010	<500	ug/kg	BW-D	09/01/98
Chloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Methylene Chloride	EPA-8010	<500	ug/kg	BW-D	09/01/98
Trichloroflouromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1-Dichloroethene	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1-Dichloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Total 1,2 Dichloroethene	EPA-8010	1800	ug/kg	BW-D	09/01/98
Chloroform	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,2-Dichloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1,1-Trichloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Carbon Tetrachloride	EPA-8010	<500	ug/kg	BW-D	09/01/98
Bromo dichloromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,2-Dichloropropane	EPA-8010	<500	ug/kg	BW-D	09/01/98
trans-1,3-Dichloropropene	EPA-8010	<500	ug/kg	BW-D	09/01/98
Trichloroethene	EPA-8010	<500	ug/kg	BW-D	09/01/98
Dibromochloromethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1,2-Trichloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98

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CLIENT: Camp Dresser & McKee — Date Sampled: 08/28/98
CLIENT'S SAMPLE ID: CDM-ASW-Soil 5 — Date sample received: 08/28/98
AES sample #: 980828AC22 — Samples taken by: J.P.Blaum — Location: Korkay, Inc.
MATRIX: Soil — composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8010	<500	ug/kg	BW-D	09/01/98
2-Chloroethyl vinyl ether	EPA-8010	<500	ug/kg	BW-D	09/01/98
Bromoform	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,1,2,2-Tetrachloroethane	EPA-8010	<500	ug/kg	BW-D	09/01/98
Tetrachloroethene	EPA-8010	<500	ug/kg	BW-D	09/01/98
Chlorobenzene	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,2-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,3-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-D	09/01/98
1,4-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-D	09/01/98
Benzene	EPA-8020	<500	ug/kg	BW-D	09/01/98
Toluene	EPA-8020	500	ug/kg	BW-D	09/01/98
Ethylbenzene	EPA-8020	990	ug/kg	BW-D	09/01/98
Chlorobenzene	EPA-8020	<500	ug/kg	BW-D	09/01/98
p-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-D	09/01/98
m-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-D	09/01/98
o-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-D	09/01/98
Xylenes	EPA-8020	7700	ug/kg	BW-D	09/01/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW3/4 Soil 4
AES sample #: 980828AC23 Samples taken by: J.P.Blaum
MATRIX: Soil

Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
Bromomethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
Dichlorodifluoromethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
Vinyl Chloride	EPA-8010	<500	ug/kg	BW-B	09/02/98
Chloroethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
Methylene Chloride	EPA-8010	<500	ug/kg	BW-B	09/02/98
Trichloroflouromethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
1.1-Dichloroethene	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,1-Dichloroethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
Total 1,2 Dichloroethene	EPA-8010	<500	ug/kg	BW-B	09/02/98
Chloroform	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,2-Dichloroethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,1,1-Trichloroethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
Carbon Tetrachloride	EPA-8010	<500	ug/kg	BW-B	09/02/98
Bromo dichloromethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,2-Dichloropropane	EPA-8010	<500	ug/kg	BW-B	09/02/98
trans-1,3-Dichloropropene	EPA-8010	<500	ug/kg	BW-B	09/02/98
Trichloroethene	EPA-8010	<500	ug/kg	BW-B	09/02/98
Dibromochloromethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,1,2-Trichloroethane	EPA-8010	<500	ug/kg	BW-B	09/02/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW3/4 Soil 4
AES sample #: 980828AC23
Samples taken by: J.P.Blaum
MATRIX: Soil
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8010	<500	ug/kg	BW-B	09/02/98
2-Chloroethyl vinyl ether	EPA-8010	<500	ug/kg	BW-B	09/02/98
Bromoform	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,1,2,2-Tetrachloroethane	EPA-8010	<500	ug/kg	BW-B	09/02/98
Tetrachloroethene	EPA-8010	<500	ug/kg	BW-B	09/02/98
Chlorobenzene	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,2-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,3-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-B	09/02/98
1,4-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-B	09/02/98
Benzene	EPA-8020	<500	ug/kg	BW-B	09/02/98
Toluene	EPA-8020	<500	ug/kg	BW-B	09/02/98
Ethylbenzene	EPA-8020	1900	ug/kg	BW-B	09/02/98
Chlorobenzene	EPA-8020	<500	ug/kg	BW-B	09/02/98
p-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-B	09/02/98
m-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-B	09/02/98
o-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-B	09/02/98
Xylenes	EPA-8020	5400	ug/kg	BW-B	09/02/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW3/4 Soil 5
AES sample #: 980828AC24 Samples taken by: J.P.Blaum
MATRIX: Soil

Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-8010	<500	ug/kg	BW-B	09/04/98
Bromomethane	EPA-8010	<500	ug/kg	BW-B	09/04/98
Dichlorodifluoromethane	EPA-8010	<500	ug/kg	BW-B	09/04/98
Vinyl Chloride	EPA-8010	<500	ug/kg	BW-B	09/04/98
Chloroethane	EPA-8010	<500	ug/kg	BW-B	09/04/98
Methylene Chloride	EPA-8010	<500	ug/kg	BW-B	09/04/98
Trichloroflouromethane	EPA-8010	<500	ug/kg	BW-B	09/04/98
1 1-Dichloroethene	EPA-8010	<500	ug/kg	BW-B	09/04/98
1,1-Dichloroethane	EPA-8010	<500	ug/kg	BW-B	09/04/98
Total 1,2 Dichloroethene	EPA-8010	<500	ug/kg	BW-B	09/04/98
Chloroform	EPA-8010	<500	ug/kg	BW-B	09/04/98
1,2-Dichloroethane	EPA-8010	<500	ug/kg	BW-B	09/04/98
1,1,1-Trichloroethane	EPA-8010	<500	ug/kg	BW-B	09/04/98
Carbon Tetrachloride	EPA-8010	<500	ug/kg	BW-B	09/04/98
Bromo dichloromethane	EPA-8010	<500	ug/kg	BW-B	09/04/98
1,2-Dichloropropane	EPA-8010	<500	ug/kg	BW-B	09/04/98
trans-1,3-Dichloropropene	EPA-8010	<500	ug/kg	BW-B	09/04/98
Trichloroethene	EPA-8010	<500	ug/kg	BW-B	09/04/98
Dibromochloromethane	EPA-8010	<500	ug/kg	BW-B	09/04/98
1,1,2-Trichloroethane	EPA-8010	<500	ug/kg	BW-B	09/04/98

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CLIENT: Camp Dresser & McKee — Date Sampled: 08/28/98
CLIENT'S SAMPLE ID: CDM-VEW3/4 Soil 5 — Date sample received: 08/28/98
AES sample #: 980828AC24 — Samples taken by: J.P.Blaum — Location: Korkay, Inc.
MATRIX: Soil — composite

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-8010	<500	ug/kg	BW-B	09/04/98
2-Chloroethyl vinyl ether	EPA-8010	<500	ug/kg	BW-B	09/04/98
Bromoform	EPA-8010	<500	ug/kg	BW-B	09/04/98
1,1,2,2-Tetrachloroethane	EPA-8010	<500	ug/kg	BW-B	09/04/98
Tetrachloroethene	EPA-8010	<500	ug/kg	BW-B	09/04/98
Chlorobenzene	EPA-8010	<500	ug/kg	BW-B	09/04/98
1,2-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-B	09/04/98
[1] 3-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-B	09/04/98
1,4-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-B	09/04/98
Benzene	EPA-8020	<500	ug/kg	BW-B	09/04/98
Toluene	EPA-8020	2200	ug/kg	BW-B	09/04/98
Ethylbenzene	EPA-8020	7300	ug/kg	BW-B	09/04/98
Chlorobenzene	EPA-8020	<500	ug/kg	BW-B	09/04/98
p-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-B	09/04/98
m-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-B	09/04/98
o-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-B	09/04/98
Xylenes	EPA-8020	25,000	ug/kg	BW-B	09/04/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-TB1
AES sample #: 980828AC25
Samples taken by: J.P.Blaum
MATRIX: Water
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	BW-D	08/31/98
Bromomethane	EPA-601	<1	ug/l	BW-D	08/31/98
Dichlorodifluoromethane	EPA-601	<1	ug/l	BW-D	08/31/98
Vinyl Chloride	EPA-601	<1	ug/l	BW-D	08/31/98
Chloroethane	EPA-601	<1	ug/l	BW-D	08/31/98
Methylene Chloride	EPA-601	<1	ug/l	BW-D	08/31/98
Trichloroflouromethane	EPA-601	<1	ug/l	BW-D	08/31/98
1,1-Dichloroethene	EPA-601	<1	ug/l	BW-D	08/31/98
1,1-Dichloroethane	EPA-601	<1	ug/l	BW-D	08/31/98
Total 1,2 Dichloroethene	EPA-601	<1	ug/l	BW-D	08/31/98
Chloroform	EPA-601	<1	ug/l	BW-D	08/31/98
1,2-Dichloroethane	EPA-601	<1	ug/l	BW-D	08/31/98
1,1,1-Trichloroethane	EPA-601	<1	ug/l	BW-D	08/31/98
Carbon Tetrachloride	EPA-601	<1	ug/l	BW-D	08/31/98
Bromo dichloromethane	EPA-601	<1	ug/l	BW-D	08/31/98
1,2-Dichloropropane	EPA-601	<1	ug/l	BW-D	08/31/98
trans-1,3-Dichloropropene	EPA-601	<1	ug/l	BW-D	08/31/98
Trichloroethene	EPA-601	<1	ug/l	BW-D	08/31/98
Dibromochloromethane	EPA-601	<1	ug/l	BW-D	08/31/98
1,1,2-Trichloroethane	EPA-601	<1	ug/l	BW-D	08/31/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-TB1
AES sample #: 980828AC25
Samples taken by: J.P.Blaum
MATRIX: Water
Date Sampled: 08/28/98
Date sample received: 08/28/98
Location: Korkay, Inc.
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	BW-D	08/31/98
2-Chloroethyl vinyl ether	EPA-601	<1	ug/l	BW-D	08/31/98
Bromoform	EPA-601	<1	ug/l	BW-D	08/31/98
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	BW-D	08/31/98
Tetrachloroethene	EPA-601	<1	ug/l	BW-D	08/31/98
Chlorobenzene	EPA-601	<1	ug/l	BW-D	08/31/98
1,2-Dichlorobenzene	EPA-601	<1	ug/l	BW-D	08/31/98
1,3-Dichlorobenzene	EPA-601	<1	ug/l	BW-D	08/31/98
1,4-Dichlorobenzene	EPA-601	<1	ug/l	BW-D	08/31/98
Benzene	EPA-602	<1	ug/l	BW-D	08/31/98
Toluene	EPA-602	<1	ug/l	BW-D	08/31/98
Ethylbenzene	EPA-602	<1	ug/l	BW-D	08/31/98
Chlorobenzene	EPA-602	<1	ug/l	BW-D	08/31/98
p-Dichlorobenzene	EPA-602	<1	ug/l	BW-D	08/31/98
m-Dichlorobenzene	EPA-602	<1	ug/l	BW-D	08/31/98
o-Dichlorobenzene	EPA-602	<1	ug/l	BW-D	08/31/98
Xylenes	EPA-602	<1	ug/l	BW-D	08/31/98

APPROVED BY:
Report date: 09/14/98

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CHAIN OF CUSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS: (Names)
CDM	Korkay Inc Broadalbin NY	John P Blaum
ADDRESS 1 Marcus Blvd Albany 12205	PO NUMBER	SAMPLERS: (Signature) [signature]

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.	SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
980828 AC01	CDM-VEW2-SOIL 1	8/28/98	905 A P	SOIL	X		1	8010/8020
AC02	CDM-VEW2-SOIL 2	C	9:10 A P	C	X		1	C
AC03	CDM-VEW2-SOIL 3	C	9:15 A P	C	X		1	C
AC04	CDM-VEW2-SOIL 4	C	9/20 A P	C	X		1	C
AC05	CDM-VEW2-SOIL 5	C	9/25 A P	C	X		1	C
AC06	CDM-VEW3-SOIL 1	C	945 A P	C	X		1	C
AC07	CDM-VEW3-SOIL 2	C	94[illegible] A P	C	X		1	C
AC08	CDM-VEW3-SOIL 3	C	950 A P	C	X		1	C
AC09	CDM-VEW3-SOIL 4	C	955 A P	C	X		1	C
AC10	CDM-VEW 3-SOIL 5	C	1000 A P	C	X		1	C
AC11	CDM-VEW1-SOIL 1	C	10/5 A P	C	X		1	C
AC12	CDM-VEW1-SOIL 2	C	1020 A P	C	X		1	C
AC13	CDM-VEW1-SOIL 3	C	1025 A P	C	X		1	C

NOTE: Airey Sample Soil for Soil 5 - High Dun H/75 100-300 ppm

Turnaround Time: Standard

Laboratory Approval:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
[signature]		
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Dispatched by: (Signature)	Date/Time	Received for Laboratory by:	Date/Time
		[signature]	8/28/98 13:40

Method of Shipment:	Send Report To:	Client Phone No.:
hand Deliver		482-3000

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

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2 of 2

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CHAIN OF CUSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS: (Names)
CDM	Kolkay Inc Broadalbin NY	John P Bloom
ADDRESS 1 Marcus Blvd Albany 12205	PO NUMBER	SAMPLERS: (Signature) John P Bloom

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.	SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
980828 AC14	CDM-VEW1-SOIL4	8/28/98	1030 A P	Soil	X		1	8010/8020
AC15	CDM-VEW1-SOIL5		1035 A P		X		1	
AC16	CDM-VEW4-SOIL2		1045 A P		X		1	
AC17	CDM-VEW4-SOIL3		1050 A P		X		1	
AC18	CDM-VEW4-SOIL4		1055 A P		X		1	
AC19	CDM-VEW4-SOIL5		1100 A P		X		1	
AC20	CDM-ASW-SOIL3		1115 A P		X		1	
AC21	CDM-ASW-SOIL4		1120 A P		X		1	
AC22	CDM-ASW-SOIL5		1125 A P		X		1	
AC23	CDM-VEW3/4-SOIL4		1140 A P		X		1	
AC24	CDM-VEW3/4-SOIL5		1145 A P		X		1	
AC25	CDM-TB1	8/28/98	A P	NA	X		1	
			A P					

Turnaround Time: Standard

Laboratory Approval:

Relinquished by: (Signature) John P Bloom	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Dispatched by: (Signature) / Date/Time	Received for Laboratory by:	Date/Time 8/28/98 13:40
Method of Shipment: Hand Deliver	Send Report To:	Client Phone No.: 482-3000

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-ASW-03
AES sample #: 990217 V01 Samples taken by: J. Blaum
MATRIX: Ground Water

Date Sampled: 02/17/99
Date sample received: 02/17/99
Location: Korkay Inc.
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<50	ug/l	KS-B	02/19/99
2-Chloroethylvinylether	EPA-601	<50	ug/l	KS-B	02/19/99
Bromoform	EPA-601	<50	ug/l	KS-B	02/19/99
1,1,2,2-Tetrachloroethane	EPA-601	<50	ug/l	KS-B	02/19/99
Tetrachloroethylene	EPA-601	<50	ug/l	KS-B	02/19/99
Benzene	EPA-602	<25	ug/l	KS-B	02/19/99
Toluene	EPA-602	130	ug/l	KS-B	02/19/99
Ethylbenzene	EPA-602	360	ug/l	KS-B	02/19/99
Chlorobenzene	EPA-602	<50	ug/l	KS-B	02/19/99
1,4-Dichlorobenzene	EPA-602	<50	ug/l	KS-B	02/19/99
1,3-Dichlorobenzene	EPA-602	<50	ug/l	KS-B	02/19/99
1,2-Dichlorobenzene	EPA-602	<50	ug/l	KS-B	02/19/99
Xylenes, Total	EPA-602	2200	ug/l	KS-B	02/19/99

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-CARB EFF-02
AES sample #: 990217 V02
Samples taken by: J. Blaum
MATRIX: Ground Water
Date Sampled: 02/17/99
Date sample received: 02/17/99
Location: Korkay Inc.
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	KS-B	02/19/99
Bromomethane	EPA-601	<1	ug/l	KS-B	02/19/99
Dichlorodifluoromethane	EPA-601	<1	ug/l	KS-B	02/19/99
Vinyl Chloride	EPA-601	<1	ug/l	KS-B	02/19/99
Chloroethane	EPA-601	<1	ug/l	KS-B	02/19/99
Methylene Chloride	EPA-601	<1	ug/l	KS-B	02/19/99
Trichlorofluoromethane	EPA-601	<1	ug/l	KS-B	02/19/99
1,1-Dichloroethene	EPA-601	<1	ug/l	KS-B	02/19/99
1,1-Dichloroethane	EPA-601	<1	ug/l	KS-B	02/19/99
Total 1,2 Dichloroethene	EPA-601	<1	ug/l	KS-B	02/19/99
Chloroform	EPA-601	<1	ug/l	KS-B	02/19/99
1,2 Dichloroethane	EPA-601	<1	ug/l	KS-B	02/19/99
1,1,1-Trichloroethane	EPA-601	<1	ug/l	KS-B	02/19/99
Carbon Tetrachloride	EPA-601	<1	ug/l	KS-B	02/19/99
Bromodichloromethane	EPA-601	<1	ug/l	KS-B	02/19/99
1,2-Dichloropropane	EPA-601	<1	ug/l	KS-B	02/19/99
t-1,3-Dichloropropene	EPA-601	<1	ug/l	KS-B	02/19/99
Trichloroethylene	EPA-601	<1	ug/l	KS-B	02/19/99
Dibromochloromethane	EPA-601	<1	ug/l	KS-B	02/19/99
1,1,2-Trichloroethane	EPA-601	<1	ug/l	KS-B	02/19/99

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-CARB EFF-02
AES sample #: 990217 V02
Samples taken by: J. Blaum
MATRIX: Ground Water
Date Sampled: 02/17/99
Date sample received: 02/17/99
Location: Korkay Inc.
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	KS-B	02/19/99
2-Chloroethylvinylether	EPA-601	<1	ug/l	KS-B	02/19/99
Bromoform	EPA-601	<1	ug/l	KS-B	02/19/99
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	KS-B	02/19/99
Tetrachloroethylene	EPA-601	<1	ug/l	KS-B	02/19/99
Benzene	EPA-602	<0.5	ug/l	KS-B	02/19/99
Toluene	EPA-602	<1	ug/l	KS-B	02/19/99
Ethylbenzene	EPA-602	<1	ug/l	KS-B	02/19/99
Chlorobenzene	EPA-602	<1	ug/l	KS-B	02/19/99
1,4-Dichlorobenzene	EPA-602	<1	ug/l	KS-B	02/19/99
1,3-Dichlorobenzene	EPA-602	<1	ug/l	KS-B	02/19/99
1,2-Dichlorobenzene	EPA-602	<1	ug/l	KS-B	02/19/99
Xylenes, Total	EPA-602	<1	ug/l	KS-B	02/19/99

APPROVED BY:
Report date: 03/01/99

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CHAIN OF CUSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS: (Names)
CDM	Kodak Inc	John Blaun
ADDRESS 1 Marcus Blvd Albany NY 12205	PO NUMBER	SAMPLERS: (Signature)

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.		SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
990217 V01	CDM-ASW-03	2/17/99	1000	X P	GW		X	2	EPA 601/602
V02	CDM-CARB EFF-02	2/17/99	1005	X P	GW		X	2	↓
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					

Turnaround Time: Standard

Laboratory Approval:

Relinquished by: (Signature) John P Blaun	**Received by:** (Signature)	**Date/Time**
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**

Dispatched by: (Signature)	**Date/Time**	**Received for Laboratory by:** M. L	**Date/Time** 2/17/99 11:16

Method of Shipment:	**Send Report To:**	**Client Phone No.:**

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APR 0 9 1999

LABORATORY REPORT

for

Camp Dresser & McKee
1 Marcus Boulevard
Suite 201
Albany, NY 12205

Attention: John Blaum

Report date: 04/09/99
Number of samples analyzed: 2
NES Project ID: 990331 K
Invoice #: 136640

ELAP ID#: 10709

NELAP ID#: 7966

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-ASW-05
AES sample #: 990331 K01
Samples taken by: J. Blaum
MATRIX: Ground Water
Date Sampled: 03/31/99
Date sample received: 03/31/99
Location: Monkey Inc.
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<50	ug/l	KS-B	04/05/99
Bromomethane	EPA-601	<50	ug/l	KS-B	04/05/99
Dichlorodifluoromethane	EPA-601	<50	ug/l	KS-B	04/05/99
Vinyl Chloride	EPA-601	<50	ug/l	KS-B	04/05/99
Chloroethane	EPA-601	<50	ug/l	KS-B	04/05/99
Methylene Chloride	EPA-601	<50	ug/l	KS-B	04/05/99
Trichlorofluoromethane	EPA-601	<50	ug/l	KS-B	04/05/99
1,1-Dichloroethene	EPA-601	<50	ug/l	KS-B	04/05/99
1,1-Dichloroethane	EPA-601	<50	ug/l	KS-B	04/05/99
Total 1,2 Dichloroethene	EPA-601	490	ug/l	KS-B	04/05/99
Chloroform	EPA-601	<50	ug/l	KS-B	04/05/99
1,2 Dichloroethane	EPA-601	<50	ug/l	KS-B	04/05/99
1,1,1-Trichloroethane	EPA-601	<50	ug/l	KS-B	04/05/99
Carbon Tetrachloride	EPA-601	<50	ug/l	KS-B	04/05/99
Bromodichloromethane	EPA-601	<50	ug/l	KS-B	04/05/99
1,2-Dichloropropane	EPA-601	<50	ug/l	KS-B	04/05/99
t-1,3-Dichloropropene	EPA-601	<50	ug/l	KS-B	04/05/99
Trichloroethylene	EPA-601	<50	ug/l	KS-B	04/05/99
Dibromochloromethane	EPA-601	<50	ug/l	KS-B	04/05/99
1,1,2-Trichloroethane	EPA-601	<50	ug/l	KS-B	04/05/99

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-ASW-05
AES sample #: 990031 K01
Samples taken by: J. Blaum
MATRIX: Ground Water
Date Sampled: 03/31/99
Date sample received: 03/31/99
Location: Kenkay Inn.
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTES/REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<50	ug/l	KS-E	04/05/99
2-Chloroethylvinylether	EPA-601	<50	ug/l	KS-E	04/05/99
Bromoform	EPA-601	<50	ug/l	KS-E	04/05/99
1,1,2,2-Tetrachloroethane	EPA-601	<50	ug/l	KS-E	04/05/99
Tetrachloroethylene	EPA-601	<50	ug/l	KS-E	04/05/99
Benzene	EPA-602	<25	ug/l	KS-E	04/05/99
Toluene	EPA-602	100	ug/l	KS-E	04/05/99
Ethylbenzene	EPA-602	320	ug/l	KS-E	04/05/99
Chlorobenzene	EPA-602	<50	ug/l	KS-E	04/05/99
1,4-Dichlorobenzene	EPA-602	<50	ug/l	KS-E	04/05/99
1,3-Dichlorobenzene	EPA-602	<50	ug/l	KS-E	04/05/99
1,2-Dichlorobenzene	EPA-602	<50	ug/l	KS-E	04/05/99
Xylenes, Total	EPA-602	2000	ug/l	KS-E	04/05/99

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-CARE MW-04
AES sample #: 990301 K02
Samples taken by: J. Blaum
MATRIX: Ground Water
Date Sampled: 03/31/99
Date sample received: 03/31/99
Location: Kenray Inc.
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	KS-B	04/05/99
Bromomethane	EPA-601	<1	ug/l	KS-B	04/05/99
Dichlorodifluoromethane	EPA-601	<1	ug/l	KS-B	04/05/99
Vinyl Chloride	EPA-601	<1	ug/l	KS-B	04/05/99
Chloroethane	EPA-601	<1	ug/l	KS-B	04/05/99
Methylene Chloride	EPA-601	<1	ug/l	KS-B	04/05/99
Trichlorofluoromethane	EPA-601	<1	ug/l	KS-B	04/05/99
1,1-Dichloroethene	EPA-601	<1	ug/l	KS-B	04/05/99
1,1-Dichloroethane	EPA-601	<1	ug/l	KS-B	04/05/99
Total 1,2 Dichloroethene	EPA-601	<1	ug/l	KS-B	04/05/99
Chloroform	EPA-601	<1	ug/l	KS-B	04/05/99
1,2 Dichloroethane	EPA-601	<1	ug/l	KS-B	04/05/99
1,1,1-Trichloroethane	EPA-601	<1	ug/l	KS-B	04/05/99
Carbon Tetrachloride	EPA-601	<1	ug/l	KS-B	04/05/99
Bromodichloromethane	EPA-601	<1	ug/l	KS-B	04/05/99
1,2-Dichloropropane	EPA-601	<1	ug/l	KS-B	04/05/99
t-1,3-Dichloropropene	EPA-601	<1	ug/l	KS-B	04/05/99
Trichloroethylene	EPA-601	<1	ug/l	KS-B	04/05/99
Dibromochloromethane	EPA-601	<1	ug/l	KS-B	04/05/99
1,1,2-Trichloroethane	EPA-601	<1	ug/l	KS-B	04/05/99

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-CARE EFF-04
AES Sample #: 990331 W02
Date Sampled: 03/31/99
Date sample received: 03/31/99
Samples taken by: J. Blaum
Location: Norbay Inc.
MATRIX: Ground Water
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTES	REF	TEST DATE
cis 1,3-Dichloropropene	EPA-601	<1	ug/l	KS-E		04/05/99
2-Chloroethylvinylether	EPA-601	<1	ug/l	KS-E		04/05/99
Bromoform	EPA-601	<1	ug/l	KS-E		04/05/99
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	KS-E		04/05/99
Tetrachloroethylene	EPA-601	<1	ug/l	KS-E		04/05/99
Benzene	EPA-602	<0.5	ug/l	KS-E		04/05/99
Toluene	EPA-602	<1	ug/l	KS-E		04/05/99
Ethylbenzene	EPA-602	<1	ug/l	KS-E		04/05/99
Chlorobenzene	EPA-602	<1	ug/l	KS-E		04/05/99
1,4-Dichlorobenzene	EPA-602	<1	ug/l	KS-E		04/05/99
1,3-Dichlorobenzene	EPA-602	<1	ug/l	KS-E		04/05/99
1,2-Dichlorobenzene	EPA-602	<1	ug/l	KS-E		04/05/99
Xylenes, Total	EPA-602	<1	ug/l	KS-E		04/05/99

APPROVED BY: Tara D
Report date: 04/09/99

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CHAIN OF CUSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS: (Names)
CDM	Kodak Inc	John Blaun
ADDRESS 1 Winners Blvd Albany NY 12205	PO NUMBER	SAMPLERS: (Signature)

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.	SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
990331 K01	CDM - ASW - 05	3/31/99	850 A	GW		X	2	601 & 602
K02	CDM - CARBERT - 04	3/31/99	P A	GW		X	2	√
			P A					
			P A					
			P A					
			P A					
			P A					
			P A					
			P A					
			P A					
			P A					
			P A					
			P A					

Turnaround Time: Standard

Laboratory Approval:

Relinquished by: *(Signature)*	**Received by:** *(Signature)*	**Date/Time**
Relinquished by: *(Signature)*	**Received by:** *(Signature)*	**Date/Time**
Relinquished by: *(Signature)*	**Received by:** *(Signature)*	**Date/Time**
Dispatched by: *(Signature)* / **Date/Time**	**Received for Laboratory by:**	**Date/Time** 3/31/99 16:20
Method of Shipment:	**Send Report To:**	**Client Phone No.:**

The Laboratory reserves the right to return hazardous samples to the client or may levy a fee of $10.00 per container for disposal.

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OCT 04 1999

LABORATORY REPORT

for

Camp Dresser & McKee
1 Marcus Boulevard
Suite 201
Albany, NY 12205

Attention: John Blaum

Report date: 10/01/99
Number of samples analyzed: 5
AES Project ID: 990924 W
Invoice #: 204884

ELAP ID#: 10709

AIHA ID#: 7866

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW1-02
AES sample #: 990924 WO1
Samples taken by: J. Blaum
MATRIX: Ground Water
Date Sampled: 09/24/99
Date sample received: 09/24/99
Location: Kork. Inc.
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<100	ug/l	SO-B	09/27/99
Bromomethane	EPA-601	<100	ug/l	SO-B	09/27/99
Dichlorodifluoromethane	EPA-601	<100	ug/l	SO-B	09/27/99
Vinyl Chloride	EPA-601	<100	ug/l	SO-B	09/27/99
Chloroethane	EPA-601	<100	ug/l	SO-B	09/27/99
Methylene Chloride	EPA-601	<100	ug/l	SO-B	09/27/99
Trichlorofluoromethane	EPA-601	<100	ug/l	SO-B	09/27/99
1,1-Dichloroethene	EPA-601	<100	ug/l	SO-B	09/27/99
,1-Dichloroethane	EPA-601	<100	ug/l	SO-B	09/27/99
Total 1,2 Dichloroethene	EPA-601	590	ug/l	SO-B	09/27/99
Chloroform	EPA-601	<100	ug/l	SO-B	09/27/99
1,2 Dichloroethane	EPA-601	<100	ug/l	SO-B	09/27/99
1,1,1-Trichloroethane	EPA-601	<100	ug/l	SO-B	09/27/99
Carbon Tetrachloride	EPA-601	<100	ug/l	SO-B	09/27/99
Bromodichloromethane	EPA-601	<100	ug/l	SO-B	09/27/99
1,2-Dichloropropane	EPA-601	<100	ug/l	SO-B	09/27/99
t-1,3-Dichloropropene	EPA-601	<100	ug/l	SO-B	09/27/99
Trichloroethylene	EPA-601	170	ug/l	SO-B	09/27/99
Dibromochloromethane	EPA-601	<100	ug/l	SO-B	09/27/99
1,1,2-Trichloroethane	EPA-601	<100	ug/l	SO-B	09/27/99

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW1-02
AES sample #: 990924 WO1
Samples taken by: J. Blaum
MATRIX: Ground Water
Date Sampled: 09/24/99
Date sample received: 09/24/99
Location: Kork. Inc.
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<100	ug/l	SO-B	09/27/99
2-Chloroethylvinylether	EPA-601	<100	ug/l	SO-B	09/27/99
Bromoform	EPA-601	<100	ug/l	SO-B	09/27/99
1,1,2,2-Tetrachloroethane	EPA-601	<100	ug/l	SO-B	09/27/99
Tetrachloroethylene	EPA-601	<100	ug/l	SO-B	09/27/99
Benzene	EPA-602	<50	ug/l	SO-B	09/27/99
Toluene	EPA-602	<100	ug/l	SO-B	09/27/99
Ethylbenzene	EPA-602	<100	ug/l	SO-B	09/27/99
hlorobenzene	EPA-602	<100	ug/l	SO-B	09/27/99
1,4-Dichlorobenzene	EPA-602	<100	ug/l	SO-B	09/27/99
1,3-Dichlorobenzene	EPA-602	<100	ug/l	SO-B	09/27/99
1,2-Dichlorobenzene	EPA-602	<100	ug/l	SO-B	09/27/99
Xylenes, Total	EPA-602	340	ug/l	SO-B	09/27/99

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW2-02
AES sample #: 990924 WO2
Samples taken by: J. Blaum
MATRIX: Ground Water
Date Sampled: 09/24/99
Date sample received: 09/24/99
Location: Kork. Inc.
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	SO-B	09/28/99
Bromomethane	EPA-601	<1	ug/l	SO-B	09/28/99
Dichlorodifluoromethane	EPA-601	<1	ug/l	SO-B	09/28/99
Vinyl Chloride	EPA-601	<1	ug/l	SO-B	09/28/99
Chloroethane	EPA-601	<1	ug/l	SO-B	09/28/99
Methylene Chloride	EPA-601	<1	ug/l	SO-B	09/28/99
Trichlorofluoromethane	EPA-601	<1	ug/l	SO-B	09/28/99
1,1-Dichloroethene	EPA-601	<1	ug/l	SO-B	09/28/99
,1-Dichloroethane	EPA-601	<1	ug/l	SO-B	09/28/99
Total 1,2 Dichloroethene	EPA-601	25	ug/l	SO-B	09/28/99
Chloroform	EPA-601	<1	ug/l	SO-B	09/28/99
1,2 Dichloroethane	EPA-601	<1	ug/l	SO-B	09/28/99
1,1,1-Trichloroethane	EPA-601	<1	ug/l	SO-B	09/28/99
Carbon Tetrachloride	EPA-601	<1	ug/l	SO-B	09/28/99
Bromodichloromethane	EPA-601	<1	ug/l	SO-B	09/28/99
1,2-Dichloropropane	EPA-601	<1	ug/l	SO-B	09/28/99
t-1,3-Dichloropropene	EPA-601	<1	ug/l	SO-B	09/28/99
Trichloroethylene	EPA-601	8	ug/l	SO-B	09/28/99
Dibromochloromethane	EPA-601	<1	ug/l	SO-B	09/28/99
1,1,2-Trichloroethane	EPA-601	<1	ug/l	SO-B	09/28/99

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW2-02
AES sample #: 990924 W02
Samples taken by: J. Blaum
MATRIX: Ground Water
Date Sampled: 09/24/99
Date sample received: 09/24/99
Location: Kork. Inc.
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	SO-B	09/28/99
2-Chloroethylvinylether	EPA-601	<1	ug/l	SO-B	09/28/99
Bromoform	EPA-601	<1	ug/l	SO-B	09/28/99
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	SO-B	09/28/99
Tetrachloroethylene	EPA-601	<1	ug/l	SO-B	09/28/99
Benzene	EPA-602	<0.5	ug/l	SO-B	09/28/99
Toluene	EPA-602	<1	ug/l	SO-B	09/28/99
Ethylbenzene	EPA-602	<1	ug/l	SO-B	09/28/99
hlorobenzene	EPA-602	1	ug/l	SO-B	09/28/99
1,4-Dichlorobenzene	EPA-602	1	ug/l	SO-B	09/28/99
1,3-Dichlorobenzene	EPA-602	<1	ug/l	SO-B	09/28/99
1,2-Dichlorobenzene	EPA-602	4	ug/l	SO-B	09/28/99
Xylenes, Total	EPA-602	<1	ug/l	SO-B	09/28/99

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW3-02
AES sample #: 990924 W03 Samples taken by: J. Blaum
MATRIX: Ground Water

Date Sampled: 09/24/99
Date sample received: 09/24/99
Location: Kork. Inc.
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	SO-B	09/28/99
Bromomethane	EPA-601	<1	ug/l	SO-B	09/28/99
Dichlorodifluoromethane	EPA-601	<1	ug/l	SO-B	09/28/99
Vinyl Chloride	EPA-601	<1	ug/l	SO-B	09/28/99
Chloroethane	EPA-601	<1	ug/l	SO-B	09/28/99
Methylene Chloride	EPA-601	<1	ug/l	SO-B	09/28/99
Trichlorofluoromethane	EPA-601	<1	ug/l	SO-B	09/28/99
1,1-Dichloroethene	EPA-601	<1	ug/l	SO-B	09/28/99
,1-Dichloroethane	EPA-601	<1	ug/l	SO-B	09/28/99
Total 1,2 Dichloroethene	EPA-601	<1	ug/l	SO-B	09/28/99
Chloroform	EPA-601	<1	ug/l	SO-B	09/28/99
1,2 Dichloroethane	EPA-601	<1	ug/l	SO-B	09/28/99
1,1,1-Trichloroethane	EPA-601	<1	ug/l	SO-B	09/28/99
Carbon Tetrachloride	EPA-601	<1	ug/l	SO-B	09/28/99
Bromodichloromethane	EPA-601	<1	ug/l	SO-B	09/28/99
1,2-Dichloropropane	EPA-601	<1	ug/l	SO-B	09/28/99
t-1,3-Dichloropropene	EPA-601	<1	ug/l	SO-B	09/28/99
Trichloroethylene	EPA-601	<1	ug/l	SO-B	09/28/99
Dibromochloromethane	EPA-601	<1	ug/l	SO-B	09/28/99
1,1,2-Trichloroethane	EPA-601	<1	ug/l	SO-B	09/28/99

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW3-02
AES sample #: 990924 W03
Samples taken by: J. Blaum
MATRIX: Ground Water
Date Sampled: 09/24/99
Date sample received: 09/24/99
Location: Kork. Inc.
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	SO-B	09/28/99
2-Chloroethylvinylether	EPA-601	<1	ug/l	SO-B	09/28/99
Bromoform	EPA-601	<1	ug/l	SO-B	09/28/99
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	SO-B	09/28/99
Tetrachloroethylene	EPA-601	2	ug/l	SO-B	09/28/99
Benzene	EPA-602	<0.5	ug/l	SO-B	09/28/99
Toluene	EPA-602	<1	ug/l	SO-B	09/28/99
Ethylbenzene	EPA-602	1	ug/l	SO-B	09/28/99
hlorobenzene	EPA-602	2	ug/l	SO-B	09/28/99
1,4-Dichlorobenzene	EPA-602	<1	ug/l	SO-B	09/28/99
1,3-Dichlorobenzene	EPA-602	<1	ug/l	SO-B	09/28/99
1,2-Dichlorobenzene	EPA-602	3	ug/l	SO-B	09/28/99
Xylenes, Total	EPA-602	10	ug/l	SO-B	09/28/99

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW4-02
AES sample #: 990924 W04
Samples taken by: J. Blaum
MATRIX: Ground Water
Date Sampled: 09/24/99
Date sample received: 09/24/99
Location: Kork. Inc.
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	SO-B	09/28/99
Bromomethane	EPA-601	<1	ug/l	SO-B	09/28/99
Dichlorodifluoromethane	EPA-601	<1	ug/l	SO-B	09/28/99
Vinyl Chloride	EPA-601	<1	ug/l	SO-B	09/28/99
Chloroethane	EPA-601	<1	ug/l	SO-B	09/28/99
Methylene Chloride	EPA-601	<1	ug/l	SO-B	09/28/99
Trichlorofluoromethane	EPA-601	<1	ug/l	SO-B	09/28/99
1,1-Dichloroethene	EPA-601	<1	ug/l	SO-B	09/28/99
,1-Dichloroethane	EPA-601	<1	ug/l	SO-B	09/28/99
Total 1,2 Dichloroethene	EPA-601	24	ug/l	SO-B	09/28/99
Chloroform	EPA-601	<1	ug/l	SO-B	09/28/99
1,2 Dichloroethane	EPA-601	<1	ug/l	SO-B	09/28/99
1,1,1-Trichloroethane	EPA-601	<1	ug/l	SO-B	09/28/99
Carbon Tetrachloride	EPA-601	<1	ug/l	SO-B	09/28/99
Bromodichloromethane	EPA-601	<1	ug/l	SO-B	09/28/99
1,2-Dichloropropane	EPA-601	<1	ug/l	SO-B	09/28/99
t-1,3-Dichloropropene	EPA-601	<1	ug/l	SO-B	09/28/99
Trichloroethylene	EPA-601	6	ug/l	SO-B	09/28/99
Dibromochloromethane	EPA-601	<1	ug/l	SO-B	09/28/99
1,1,2-Trichloroethane	EPA-601	<1	ug/l	SO-B	09/28/99

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW4-02
AES sample #: 990924 W04
Samples taken by: J. Blaum
MATRIX: Ground Water
Date Sampled: 09/24/99
Date sample received: 09/24/99
Location: Kork. Inc.
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	SO-B	09/28/99
2-Chloroethylvinylether	EPA-601	<1	ug/l	SO-B	09/28/99
Bromoform	EPA-601	<1	ug/l	SO-B	09/28/99
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	SO-B	09/28/99
Tetrachloroethylene	EPA-601	2	ug/l	SO-B	09/28/99
Benzene	EPA-602	<0.5	ug/l	SO-B	09/28/99
Toluene	EPA-602	<1	ug/l	SO-B	09/28/99
Ethylbenzene	EPA-602	2	ug/l	SO-B	09/28/99
hlorobenzene	EPA-602	1	ug/l	SO-B	09/28/99
1,4-Dichlorobenzene	EPA-602	<1	ug/l	SO-B	09/28/99
1,3-Dichlorobenzene	EPA-602	<1	ug/l	SO-B	09/28/99
1,2-Dichlorobenzene	EPA-602	18	ug/l	SO-B	09/28/99
Xylenes, Total	EPA-602	60	ug/l	SO-B	09/28/99

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-ASW-04
AES sample #: 990924 W05
Samples taken by: J. Blaum
MATRIX: Ground Water
Date Sampled: 09/24/99
Date sample received: 09/24/99
Location: Kork. Inc.
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<10	ug/l	SO-B	09/28/99
Bromomethane	EPA-601	<10	ug/l	SO-B	09/28/99
Dichlorodifluoromethane	EPA-601	<10	ug/l	SO-B	09/28/99
Vinyl Chloride	EPA-601	<10	ug/l	SO-B	09/28/99
Chloroethane	EPA-601	<10	ug/l	SO-B	09/28/99
Methylene Chloride	EPA-601	<10	ug/l	SO-B	09/28/99
Trichlorofluoromethane	EPA-601	<10	ug/l	SO-B	09/28/99
1,1-Dichloroethene	EPA-601	<10	ug/l	SO-B	09/28/99
,1-Dichloroethane	EPA-601	<10	ug/l	SO-B	09/28/99
Total 1,2 Dichloroethene	EPA-601	<10	ug/l	SO-B	09/28/99
Chloroform	EPA-601	<10	ug/l	SO-B	09/28/99
1,2 Dichloroethane	EPA-601	<10	ug/l	SO-B	09/28/99
1,1,1-Trichloroethane	EPA-601	<10	ug/l	SO-B	09/28/99
Carbon Tetrachloride	EPA-601	<10	ug/l	SO-B	09/28/99
Bromodichloromethane	EPA-601	<10	ug/l	SO-B	09/28/99
1,2-Dichloropropane	EPA-601	<10	ug/l	SO-B	09/28/99
t-1,3-Dichloropropene	EPA-601	<10	ug/l	SO-B	09/28/99
Trichloroethylene	EPA-601	15	ug/l	SO-B	09/28/99
Dibromochloromethane	EPA-601	<10	ug/l	SO-B	09/28/99
1,1,2-Trichloroethane	EPA-601	<10	ug/l	SO-B	09/28/99

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-ASW-04
AES sample #: 990924 W05
Samples taken by: J. Blaum
MATRIX: Ground Water
Date Sampled: 09/24/99
Date sample received: 09/24/99
Location: Kork. Inc.
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<10	ug/l	SO-B	09/28/99
2-Chloroethylvinylether	EPA-601	<10	ug/l	SO-B	09/28/99
Bromoform	EPA-601	<10	ug/l	SO-B	09/28/99
1,1,2,2-Tetrachloroethane	EPA-601	<10	ug/l	SO-B	09/28/99
Tetrachloroethylene	EPA-601	<10	ug/l	SO-B	09/28/99
Benzene	EPA-602	<5	ug/l	SO-B	09/28/99
Toluene	EPA-602	<10	ug/l	SO-B	09/28/99
Ethylbenzene	EPA-602	85	ug/l	SO-B	09/28/99
hlorobenzene	EPA-602	<10	ug/l	SO-B	09/28/99
1,4-Dichlorobenzene	EPA-602	<10	ug/l	SO-B	09/28/99
1,3-Dichlorobenzene	EPA-602	<10	ug/l	SO-B	09/28/99
1,2-Dichlorobenzene	EPA-602	<10	ug/l	SO-B	09/28/99
Xylenes, Total	EPA-602	400	ug/l	SO-B	09/28/99

APPROVED BY:
Report date: 10/01/99

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CHAIN OF CUSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS: (Names)
CDM	Kolkay Inc.	John Blayne
ADDRESS 1 Marcus BLVD Albany, NY 12205	PO NUMBER	SAMPLERS: (Signature)

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.	SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
990924 W01	CDM-VEW1-02	9/24/99	~~1130~~ P	GW		X	2	EPA 601 & 602
W02	CDM-VEW2-02		1145 P			X	2	
W03	CDM-VEW3-02		1135 P			X	2	
W04	CDM-VEW4-02		1100 P			X	2	
W05	CDM-ASW-04		1025 P			X	2	
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					

Turnaround Time: Standard

Laboratory Approval:

Relinquished by: (Signature) John Blayne	**Received by:** (Signature)	**Date/Time**
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Dispatched by: (Signature)	**Date/Time**	**Received for Laboratory by:** M. L. 9/24/99 **Date/Time** ~~9/25~~ 11:56
Method of Shipment: Hand Delivery	**Send Report To:** client	**Client Phone No.:** 482-3000

The Laboratory reserves the right to return hazardous samples to the client or may levy a fee of $10.00 per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

GROUNDWATER SAMPLING DATA
AND
GROUNDWATER TREAMENT UNIT DISCHARGE
MONITORING DATA

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OCT 23 1998

LABORATORY REPORT

for

Camp Dresser & McKee
1 Marcus Boulevard
Suite 201
Albany, NY 12205

Attention: John Blaum

Report date: 10/14/98
Number of samples analyzed: 4
AES Project ID: 980929 W
Invoice #: 192366

ELAP ID#: 10709

AIHA ID#: 7866

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW1-01
AES sample #: 980929 WC1
Samples taken by: J. Blaum
MATRIX: Ground Water
Date Sampled: 09/29/98
Date sample received: 09/29/98
Location: Korkay Inc Site
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<20	ug/l	BW-B	09/30/98
Bromomethane	EPA-601	<20	ug/l	BW-B	09/30/98
Dichlorodifluoromethane	EPA-601	<20	ug/l	BW-B	09/30/98
Vinyl Chloride	EPA-601	<20	ug/l	BW-B	09/30/98
Chloroethane	EPA-601	<20	ug/l	BW-B	09/30/98
Methylene Chloride	EPA-601	<20	ug/l	BW-B	09/30/98
Trichlorofluoromethane	EPA-601	<20	ug/l	BW-B	09/30/98
1,1-Dichloroethene	EPA-601	<20	ug/l	BW-B	09/30/98
1,1-Dichloroethane	EPA-601	<20	ug/l	BW-B	09/30/98
Total 1,2 Dichloroethene	EPA-601	1000	ug/l	BW-B	10/01/98
Chloroform	EPA-601	<20	ug/l	BW-B	09/30/98
1,2 Dichloroethane	EPA-601	<20	ug/l	BW-B	09/30/98
1,1,1-Trichloroethane	EPA-601	120	ug/l	BW-B	09/30/98
Carbon Tetrachloride	EPA-601	<20	ug/l	BW-B	09/30/98
Bromodichloromethane	EPA-601	<20	ug/l	BW-B	09/30/98
1,2-Dichloropropane	EPA-601	<20	ug/l	BW-B	09/30/98
t-1,3-Dichloropropene	EPA-601	<20	ug/l	BW-B	09/30/98
Trichloroethylene	EPA-601	4700	ug/l	BW-B	10/01/98
Dibromochloromethane	EPA-601	<20	ug/l	BW-B	09/30/98
1,1,2-Trichloroethane	EPA-601	<20	ug/l	BW-B	09/30/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW1-01
AES sample #: 980929 W01
Samples taken by: J. Blaum
MATRIX: Ground Water
Date Sampled: 09/29/98
Date sample received: 09/29/98
Location: Korkay Inc Site
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<20	ug/l	BW-B	09/30/98
2-Chloroethylvinylether	EPA-601	<20	ug/l	BW-B	09/30/98
Bromoform	EPA-601	<20	ug/l	BW-B	09/30/98
1,1,2,2-Tetrachloroethane	EPA-601	<20	ug/l	BW-B	09/30/98
Tetrachloroethylene	EPA-601	<20	ug/l	BW-B	09/30/98
Benzene	EPA-602	<10	ug/l	BW-B	09/30/98
Toluene	EPA-602	<20	ug/l	BW-B	09/30/98
Ethylbenzene	EPA-602	530	ug/l	BW-B	09/30/98
Chlorobenzene	EPA-602	<20	ug/l	BW-B	09/30/98
1,4-Dichlorobenzene	EPA-602	<20	ug/l	BW-B	09/30/98
1,3-Dichlorobenzene	EPA-602	<20	ug/l	BW-B	09/30/98
1,2-Dichlorobenzene	EPA-602	53	ug/l	BW-B	09/30/98
Xylenes, Total	EPA-602	1600	ug/l	BW-B	10/01/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW2-01
AES sample #: 980929 WC2 Samples taken by: J. Blaum Location: Korkay Inc Site
MATRIX: Ground Water grab

Date Sampled: 09/29/98
Date sample received: 09/29/98

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<25	ug/l	BW-B	09/30/98
Bromomethane	EPA-601	<25	ug/l	BW-B	09/30/98
Dichlorodifluoromethane	EPA-601	<25	ug/l	BW-B	09/30/98
Vinyl Chloride	EPA-601	<25	ug/l	BW-B	09/30/98
Chloroethane	EPA-601	<25	ug/l	BW-B	09/30/98
Methylene Chloride	EPA-601	<25	ug/l	BW-B	09/30/98
Trichlorofluoromethane	EPA-601	<25	ug/l	BW-B	09/30/98
1,1-Dichloroethene	EPA-601	<25	ug/l	BW-B	09/30/98
1,1-Dichloroethane	EPA-601	<25	ug/l	BW-B	09/30/98
Total 1,2 Dichloroethene	EPA-601	2600	ug/l	BW-B	10/01/98
Chloroform	EPA-601	<25	ug/l	BW-B	09/30/98
1,2 Dichloroethane	EPA-601	<25	ug/l	BW-B	09/30/98
1,1,1-Trichloroethane	EPA-601	<25	ug/l	BW-B	09/30/98
Carbon Tetrachloride	EPA-601	<25	ug/l	BW-B	09/30/98
Bromodichloromethane	EPA-601	<25	ug/l	BW-B	09/30/98
1,2-Dichloropropane	EPA-601	<25	ug/l	BW-B	09/30/98
t-1,3-Dichloropropene	EPA-601	<25	ug/l	BW-B	09/30/98
Trichloroethylene	EPA-601	75	ug/l	BW-B	09/30/98
Dibromochloromethane	EPA-601	<25	ug/l	BW-B	09/30/98
1,1,2-Trichloroethane	EPA-601	<25	ug/l	BW-B	09/30/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW2-01
AES sample #: 980929 WC2
Samples taken by: J. Blaum
MATRIX: Ground Water
Date Sampled: 09/29/98
Date sample received: 09/29/98
Location: Korkay Inc Site
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<25	ug/l	BW-B	09/30/98
2-Chloroethylvinylether	EPA-601	<25	ug/l	BW-B	09/30/98
Bromoform	EPA-601	<25	ug/l	BW-B	09/30/98
1,1,2,2-Tetrachloroethane	EPA-601	<25	ug/l	BW-B	09/30/98
Tetrachloroethylene	EPA-601	<25	ug/l	BW-B	09/30/98
Benzene	EPA-602	<13	ug/l	BW-B	09/30/98
Toluene	EPA-602	75	ug/l	BW-B	09/30/98
Ethylbenzene	EPA-602	150	ug/l	BW-B	09/30/98
Chlorobenzene	EPA-602	<25	ug/l	BW-B	09/30/98
1,4-Dichlorobenzene	EPA-602	<25	ug/l	BW-B	09/30/98
1,3-Dichlorobenzene	EPA-602	<25	ug/l	BW-B	09/30/98
1,2-Dichlorobenzene	EPA-602	<25	ug/l	BW-B	09/30/98
Xylenes, Total	EPA-602	530	ug/l	BW-B	09/30/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-ASW1-01
AES sample #: 980929 W03
Samples taken by: J. Blaum
MATRIX: Ground Water
Date Sampled: 09/29/98
Date sample received: 09/29/98
Location: Korkay Inc Site
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<20	ug/l	BW-B	09/30/98
Bromomethane	EPA-601	<20	ug/l	BW-B	09/30/98
Dichlorodifluoromethane	EPA-601	<20	ug/l	BW-B	09/30/98
Vinyl Chloride	EPA-601	<20	ug/l	BW-B	09/30/98
Chloroethane	EPA-601	<20	ug/l	BW-B	09/30/98
Methylene Chloride	EPA-601	<20	ug/l	BW-B	09/30/98
Trichlorofluoromethane	EPA-601	<20	ug/l	BW-B	09/30/98
1,1-Dichloroethene	EPA-601	<20	ug/l	BW-B	09/30/98
1,1-Dichloroethane	EPA-601	<20	ug/l	BW-B	09/30/98
Total 1,2 Dichloroethene	EPA-601	180	ug/l	BW-B	09/30/98
Chloroform	EPA-601	<20	ug/l	BW-B	09/30/98
1,2 Dichloroethane	EPA-601	<20	ug/l	BW-B	09/30/98
1,1,1-Trichloroethane	EPA-601	<20	ug/l	BW-B	09/30/98
Carbon Tetrachloride	EPA-601	<20	ug/l	BW-B	09/30/98
Bromodichloromethane	EPA-601	<20	ug/l	BW-B	09/30/98
1,2-Dichloropropane	EPA-601	<20	ug/l	BW-B	09/30/98
t-1,3-Dichloropropene	EPA-601	<20	ug/l	BW-B	09/30/98
Trichloroethylene	EPA-601	<20	ug/l	BW-B	09/30/98
Dibromochloromethane	EPA-601	<20	ug/l	BW-B	09/30/98
1,1,2-Trichloroethane	EPA-601	<20	ug/l	BW-B	09/30/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-ASW1-01
AES sample #: 980929 WC3
Samples taken by: J. Blaum
MATRIX: Ground Water
Date Sampled: 09/29/98
Date sample received: 09/29/98
Location: Korkay Inc Site
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<20	ug/l	BW-B	09/30/98
2-Chloroethylvinylether	EPA-601	<20	ug/l	BW-B	09/30/98
Bromoform	EPA-601	<20	ug/l	BW-B	09/30/98
1,1,2,2-Tetrachloroethane	EPA-601	<20	ug/l	BW-B	09/30/98
Tetrachloroethylene	EPA-601	<20	ug/l	BW-B	09/30/98
Benzene	EPA-602	<10	ug/l	BW-B	09/30/98
Toluene	EPA-602	220	ug/l	BW-B	09/30/98
Ethylbenzene	EPA-602	790	ug/l	BW-B	09/30/98
Chlorobenzene	EPA-602	<20	ug/l	BW-B	09/30/98
1,4-Dichlorobenzene	EPA-602	<20	ug/l	BW-B	09/30/98
1,3-Dichlorobenzene	EPA-602	<20	ug/l	BW-B	09/30/98
1,2-Dichlorobenzene	EPA-602	20	ug/l	BW-B	09/30/98
Xylenes, Total	EPA-602	2800	ug/l	BW-B	10/01/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-TB-02
AES sample #: 980929 WC4
Samples taken by: J. Blaum
MATRIX: Water
Date Sampled: 08/06/98
Date sample received: 09/29/98
Location: Korkay Inc Site
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	BW-B	09/30/98
Bromomethane	EPA-601	<1	ug/l	BW-B	09/30/98
Dichlorodifluoromethane	EPA-601	<1	ug/l	BW-B	09/30/98
Vinyl Chloride	EPA-601	<1	ug/l	BW-B	09/30/98
Chloroethane	EPA-601	<1	ug/l	BW-B	09/30/98
Methylene Chloride	EPA-601	<1	ug/l	BW-B	09/30/98
Trichlorofluoromethane	EPA-601	<1	ug/l	BW-B	09/30/98
1,1-Dichloroethene	EPA-601	<1	ug/l	BW-B	09/30/98
1,1-Dichloroethane	EPA-601	<1	ug/l	BW-B	09/30/98
Total 1,2 Dichloroethene	EPA-601	<1	ug/l	BW-B	09/30/98
Chloroform	EPA-601	<1	ug/l	BW-B	09/30/98
1,2 Dichloroethane	EPA-601	<1	ug/l	BW-B	09/30/98
1,1,1-Trichloroethane	EPA-601	<1	ug/l	BW-B	09/30/98
Carbon Tetrachloride	EPA-601	<1	ug/l	BW-B	09/30/98
Bromodichloromethane	EPA-601	<1	ug/l	BW-B	09/30/98
1,2-Dichloropropane	EPA-601	<1	ug/l	BW-B	09/30/98
t-1,3-Dichloropropene	EPA-601	<1	ug/l	BW-B	09/30/98
Trichloroethylene	EPA-601	<1	ug/l	BW-B	09/30/98
Dibromochloromethane	EPA-601	<1	ug/l	BW-B	09/30/98
1,1,2-Trichloroethane	EPA-601	<1	ug/l	BW-B	09/30/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-TB-02
AES sample #: 980929 WC4
Samples taken by: J. Blaum
MATRIX: Water
Date Sampled: 08/06/98
Date sample received: 09/29/98
Location: Korkay Inc Site
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	BW-B	09/30/98
2-Chloroethylvinylether	EPA-601	<1	ug/l	BW-B	09/30/98
Bromoform	EPA-601	<1	ug/l	BW-B	09/30/98
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	BW-B	09/30/98
Tetrachloroethylene	EPA-601	<1	ug/l	BW-B	09/30/98
Benzene	EPA-602	<0.5	ug/l	BW-B	09/30/98
Toluene	EPA-602	<1	ug/l	BW-B	09/30/98
Ethylbenzene	EPA-602	<1	ug/l	BW-B	09/30/98
Chlorobenzene	EPA-602	<1	ug/l	BW-B	09/30/98
1,4-Dichlorobenzene	EPA-602	<1	ug/l	BW-B	09/30/98
1,3-Dichlorobenzene	EPA-602	<1	ug/l	BW-B	09/30/98
1,2-Dichlorobenzene	EPA-602	<1	ug/l	BW-B	09/30/98
Xylenes, Total	EPA-602	<1	ug/l	BW-B	09/30/98

APPROVED BY: Tara Dawn
Report date: 10/14/98

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CHAIN OF CUSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS: (Names)
CDM	Kodak Facsite	John Blaun
ADDRESS 1 Marcus Blvd Albany 12205	PO NUMBER	SAMPLERS: (Signature) John P Blaun

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.	SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
980929 W01	CDM-VEW1-01	9/29/98	1005 A/P	GW		X	2	EPA 601/602
W02	CDM-VEW2-01	↓	1020 A/P	GW		X	2	↓
W03	CDM-ASW1-01	↓	1045 A/P	GW		X	2	↓
W04	CDM-TB-02	9/6/98	A/P			X	1	↓
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					
			A/P					

Turnaround Time: Standard

Laboratory Approval:

Relinquished by: (Signature) John P Blaun	**Received by:** (Signature)	**Date/Time**
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Dispatched by: (Signature)	**Date/Time**	**Received for Laboratory by:** M. L	**Date/Time** 9/29/98 | 1206
Method of Shipment: Hand Deliver	**Send Report To:**	**Client Phone No.:**

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.

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LABORATORY REPORT

for

Camp Dresser & McKee
1 Marcus Boulevard
Suite 201
Albany, NY 12205

Attention: John Blaum

Report date: 12/23/98
Number of samples analyzed: 6
AES Project ID: 981210BK
Invoice #: 195110

ELAP ID#: 10709

AIHA ID#: 7866

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-ASW-02
AES sample #: 981210BK04
Samples taken by: J.P.Blaum
MATRIX: Ground Water
Date Sampled: 12/09/98
Date sample received: 12/10/98
Location: Korkay Inc.
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	SO-B	12/16/98
Bromomethane	EPA-601	<1	ug/l	SO-B	12/16/98
Dichlorodifluoromethane	EPA-601	<1	ug/l	SO-B	12/16/98
Vinyl Chloride	EPA-601	<1	ug/l	SO-B	12/16/98
Chloroethane	EPA-601	<1	ug/l	SO-B	12/16/98
Methylene Chloride	EPA-601	<1	ug/l	SO-B	12/16/98
Trichlorofluoromethane	EPA-601	<1	ug/l	SO-B	12/16/98
1,1-Dichloroethene	EPA-601	<1	ug/l	SO-B	12/16/98
1,1-Dichloroethane	EPA-601	<1	ug/l	SO-B	12/16/98
Total 1,2 Dichloroethene	EPA-601	<1	ug/l	SO-B	12/16/98
Chloroform	EPA-601	450	ug/l	SO-B	12/17/98
1,2 Dichloroethane	EPA-601	<1	ug/l	SO-B	12/16/98
1,1,1-Trichloroethane	EPA-601	<1	ug/l	SO-B	12/16/98
Carbon Tetrachloride	EPA-601	<1	ug/l	SO-B	12/16/98
Bromodichloromethane	EPA-601	<1	ug/l	SO-B	12/16/98
1,2-Dichloropropane	EPA-601	<1	ug/l	SO-B	12/16/98
t-1,3-Dichloropropene	EPA-601	<1	ug/l	SO-B	12/16/98
Trichloroethylene	EPA-601	13	ug/l	SO-B	12/16/98
Dibromochloromethane	EPA-601	<1	ug/l	SO-B	12/16/98
1,1,2-Trichloroethane	EPA-601	<1	ug/l	SO-B	12/16/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-ASW-02
AES sample #: 981210BK04
Samples taken by: J.P.Blaum
MATRIX: Ground Water
Date Sampled: 12/09/98
Date sample received: 12/10/98
Location: Korkay Inc.
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	SO-B	12/16/98
2-Chloroethylvinylether	EPA-601	<1	ug/l	SO-B	12/16/98
Bromoform	EPA-601	<1	ug/l	SO-B	12/16/98
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	SO-B	12/16/98
Tetrachloroethylene	EPA-601	9	ug/l	SO-B	12/16/98
Benzene	EPA-602	3	ug/l	SO-B	12/16/98
Toluene	EPA-602	130	ug/l	SO-B	12/17/98
Ethylbenzene	EPA-602	400	ug/l	SO-B	12/17/98
Chlorobenzene	EPA-602	<1	ug/l	SO-B	12/16/98
1,4-Dichlorobenzene	EPA-602	<1	ug/l	SO-B	12/16/98
1,3-Dichlorobenzene	EPA-602	<1	ug/l	SO-B	12/16/98
1,2-Dichlorobenzene	EPA-602	58	ug/l	SO-B	12/16/98
Xylenes, Total	EPA-602	2200	ug/l	SO-B	12/17/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-CARBEFF-01
AES sample #: 981210BK05
Samples taken by: J.P.Blaum
MATRIX: Ground Water
Date Sampled: 12/09/98
Date sample received: 12/10/98
Location: Korkay Inc.
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<1	ug/l	SO-B	12/16/98
Bromomethane	EPA-601	<1	ug/l	SO-B	12/16/98
Dichlorodifluoromethane	EPA-601	<1	ug/l	SO-B	12/16/98
Vinyl Chloride	EPA-601	<1	ug/l	SO-B	12/16/98
Chloroethane	EPA-601	<1	ug/l	SO-B	12/16/98
Methylene Chloride	EPA-601	<1	ug/l	SO-B	12/16/98
Trichlorofluoromethane	EPA-601	<1	ug/l	SO-B	12/16/98
1,1-Dichloroethene	EPA-601	<1	ug/l	SO-B	12/16/98
1,1-Dichloroethane	EPA-601	<1	ug/l	SO-B	12/16/98
Total 1,2 Dichloroethene	EPA-601	<1	ug/l	SO-B	12/16/98
Chloroform	EPA-601	<1	ug/l	SO-B	12/16/98
1,2 Dichloroethane	EPA-601	<1	ug/l	SO-B	12/16/98
1,1,1-Trichloroethane	EPA-601	<1	ug/l	SO-B	12/16/98
Carbon Tetrachloride	EPA-601	<1	ug/l	SO-B	12/16/98
Bromodichloromethane	EPA-601	<1	ug/l	SO-B	12/16/98
1,2-Dichloropropane	EPA-601	<1	ug/l	SO-B	12/16/98
t-1,3-Dichloropropene	EPA-601	<1	ug/l	SO-B	12/16/98
Trichloroethylene	EPA-601	<1	ug/l	SO-B	12/16/98
Dibromochloromethane	EPA-601	<1	ug/l	SO-B	12/16/98
1,1,2-Trichloroethane	EPA-601	<1	ug/l	SO-B	12/16/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-CARBEFF-01
AES sample #: 981210BK05
Samples taken by: J.P.Blaum
MATRIX: Ground Water
Date Sampled: 12/09/98
Date sample received: 12/10/98
Location: Korkay Inc.
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
cis-1,3-Dichloropropene	EPA-601	<1	ug/l	SO-B	12/16/98
2-Chloroethylvinylether	EPA-601	<1	ug/l	SO-B	12/16/98
Bromoform	EPA-601	<1	ug/l	SO-B	12/16/98
1,1,2,2-Tetrachloroethane	EPA-601	<1	ug/l	SO-B	12/16/98
Tetrachloroethylene	EPA-601	<1	ug/l	SO-B	12/16/98
Benzene	EPA-602	<0.5	ug/l	SO-B	12/16/98
Toluene	EPA-602	<1	ug/l	SO-B	12/16/98
Ethylbenzene	EPA-602	<1	ug/l	SO-B	12/16/98
Chlorobenzene	EPA-602	<1	ug/l	SO-B	12/16/98
1,4-Dichlorobenzene	EPA-602	<1	ug/l	SO-B	12/16/98
1,3-Dichlorobenzene	EPA-602	<1	ug/l	SO-B	12/16/98
1,2-Dichlorobenzene	EPA-602	<1	ug/l	SO-B	12/16/98
Xylenes, Total	EPA-602	<1	ug/l	SO-B	12/16/98

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: Detection Limits
AES sample #: 981210BK06 Samples taken by: J.P.Blaum
MATRIX: Air

Date Sampled: 12/09/98
Date sample received: 12/10/98
Location: Korkay Inc.
composite

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	Niosh-1500	10	ug	TN-GCA-C11	12/11/98
Cyclohexane	Niosh-1500	10	ug	TN-GCA-C11	12/11/98
Cyclohexene	Niosh-1500	10	ug	TN-GCA-C11	12/11/98
Heptane	Niosh-1500	10	ug	TN-GCA-C11	12/11/98
Hexane	Niosh-1500	10	ug	TN-GCA-C11	12/11/98
Methyl Cyclohexane	Niosh-1500	10	ug	TN-GCA-C11	12/11/98
Octane	Niosh-1500	10	ug	TN-GCA-C11	12/11/98
Pentane	Niosh-1500	10	ug	TN-GCA-C11	12/11/98
Toluene	Niosh-1500	10	ug	TN-GCA-C11	12/11/98

APPROVED BY: Lara Dock
Report date: 12/23/98

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Camp Dresser & McKee CHAIN OF CUSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS: (Names)
1 Marcus Blvd Suite 201	Koikut Inc	John P Blaum
ADDRESS	**PO NUMBER**	**SAMPLERS: (Signature)**
Albany NY 12205		John P Blaum

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.		SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
981210 BK01 (1)	CDM-SVEINF-01	12/9/98	2:00	A X P	Air			1	~~EPA 601/602~~ NIOSH 1500
BK02 (2)	CDM-SVEINF-02	12/9/98	2:40	A P	Air			1	↓
BK03 (3)	CDM-SVEFF-01	12/9/98	2:30	A P	Air			1	↓
BK04	CDM-ASW-02	12/9/98	3:20	A X P	GW		X	2	EPA 601/602
BK05	CDM-CARBEFF-01	12/9/98	2:50	A X P	GW		X	2	↓
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					

(1) Sample Rate - 7.9 L/min for 2 min
(2) Sample Rate - 7.7 L/min for 2 min
(3) Sample Rate - 2.2 L/min for 2 min

Turnaround Time: Standard

Laboratory Approval:

Relinquished by: (Signature) John P Blaum	**Received by:** (Signature)	**Date/Time**
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**
Relinquished by: (Signature)	**Received by:** (Signature)	**Date/Time**

Dispatched by: (Signature)	**Date/Time**	**Received for Laboratory by:** M. L	**Date/Time** 12/10/98 430

Method of Shipment:	**Send Report To:**	**Client Phone No.:**

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.

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LABORATORY REPORT

for

Camp Dresser & McKee
1 Marcus Boulevard
Suite 201
Albany, NY 12205

Attention: John Blaum

Report date: 03/01/99
Number of samples analyzed: 2
AES Project ID: 990217 V
Invoice #: 197257

ELAP ID#: 10709

AIHA ID#: 7866

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-ASW-03
AES sample #: 990217 V01
Samples taken by: J. Blaum
MATRIX: Ground Water
Date Sampled: 02/17/99
Date sample received: 02/17/99
Location: Korkay Inc.
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-601	<50	ug/l	KS-B	02/19/99
Bromomethane	EPA-601	<50	ug/l	KS-B	02/19/99
Dichlorodifluoromethane	EPA-601	<50	ug/l	KS-B	02/19/99
Vinyl Chloride	EPA-601	<50	ug/l	KS-B	02/19/99
Chloroethane	EPA-601	<50	ug/l	KS-B	02/19/99
Methylene Chloride	EPA-601	<50	ug/l	KS-B	02/19/99
Trichlorofluoromethane	EPA-601	<50	ug/l	KS-B	02/19/99
1,1-Dichloroethene	EPA-601	<50	ug/l	KS-B	02/19/99
,1-Dichloroethane	EPA-601	<50	ug/l	KS-B	02/19/99
Total 1,2 Dichloroethene	EPA-601	520	ug/l	KS-B	02/19/99
Chloroform	EPA-601	<50	ug/l	KS-B	02/19/99
1,2 Dichloroethane	EPA-601	<50	ug/l	KS-B	02/19/99
1,1,1-Trichloroethane	EPA-601	<50	ug/l	KS-B	02/19/99
Carbon Tetrachloride	EPA-601	<50	ug/l	KS-B	02/19/99
Bromodichloromethane	EPA-601	<50	ug/l	KS-B	02/19/99
1,2-Dichloropropane	EPA-601	<50	ug/l	KS-B	02/19/99
t-1,3-Dichloropropene	EPA-601	<50	ug/l	KS-B	02/19/99
Trichloroethylene	EPA-601	<50	ug/l	KS-B	02/19/99
Dibromochloromethane	EPA-601	<50	ug/l	KS-B	02/19/99
1,1,2-Trichloroethane	EPA-601	<50	ug/l	KS-B	02/19/99

SOIL VAPOR EXTRATION WELL SAMPLING DATA

SEP 30 1999

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LABORATORY REPORT

for

Camp Dresser & McKee
1 Marcus Boulevard
Suite 201
Albany, NY 12205

Attention: John Blaum

Report date: 09/29/99
Number of samples analyzed: 5
AES Project ID: 990916HC
Invoice #: 204573

ELAP ID#: 10709

AIHA ID#: 7866

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW1-01
AES sample #: 990916HC01 Samples taken by: J.Blaum
MATRIX: Air
Date Sampled: 08/16/99
Date sample received: 09/16/99
Location: Korkay, Inc.
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	Niosh 1501	<10	mg/m3	TN-GCA-C27	09/17/99
Cumene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
p-tert-Butyltoluene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Ethylbenzene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
a-Methylstyrene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Naphthalene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Styrene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Toluene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Vinyltoluene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Xylenes, Total	Niosh-1501	22	mg/m3	TN-GCA-C27	09/17/99
Total Hydrocarbons	Niosh-1501	1342	mg/m3	TN-GCA-C27	09/17/99

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW2-01
AES sample #: 990916HC02
Samples taken by: J.Blaum
MATRIX: Air
Date Sampled: 08/16/99
Date sample received: 09/16/99
Location: Korkay, Inc.
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	Niosh 1501	<10	mg/m3	TN-GCA-C27	09/17/99
Cumene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
p-tert-Butyltoluene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Ethylbenzene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
a-Methylstyrene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Naphthalene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Styrene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Toluene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Vinyltoluene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Xylenes, Total	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Total Hydrocarbons	Niosh-1501	<100	mg/m3	TN-GCA-C27	09/17/99

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW3-01
AES sample #: 990916HC03
Samples taken by: J.Blaum
MATRIX: Air
Date Sampled: 08/16/99
Date sample received: 09/16/99
Location: Korkay, Inc.
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	Niosh 1501	<10	mg/m3	TN-GCA-C27	09/17/99
Cumene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
p-tert-Butyltoluene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Ethylbenzene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
a-Methylstyrene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Naphthalene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Styrene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Toluene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Vinyltoluene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Xylenes, Total	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Total Hydrocarbons	Niosh-1501	<100	mg/m3	TN-GCA-C27	09/17/99

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: CDM-VEW4-01
AES sample #: 990916HC04 Samples taken by: J.Blaum
MATRIX: Air
Date Sampled: 08/16/99
Date sample received: 09/16/99
Location: Korkay, Inc.
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	Niosh 1501	<10	mg/m3	TN-GCA-C27	09/17/99
Cumene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
p-tert-Butyltoluene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Ethylbenzene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
a-Methylstyrene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Naphthalene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Styrene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Toluene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Vinyltoluene	Niosh-1501	<10	mg/m3	TN-GCA-C27	09/17/99
Xylenes, Total	Niosh-1501	25	mg/m3	TN-GCA-C27	09/17/99
Total Hydrocarbons	Niosh-1501	671	mg/m3	TN-GCA-C27	09/17/99

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CLIENT: Camp Dresser & McKee
CLIENT'S SAMPLE ID: Detection Limits
AES sample #: 990916HC05 Samples taken by: J.Blaum
MATRIX: Air

Date Sampled: 08/16/99
Date sample received: 09/16/99
Location: Korkay, Inc.
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Benzene	Niosh 1501	10	ug	TN-GCA-C27	09/17/99
Cumene	Niosh-1501	10	ug	TN-GCA-C27	09/17/99
p-tert-Butyltoluene	Niosh-1501	10	ug	TN-GCA-C27	09/17/99
Ethylbenzene	Niosh-1501	10	ug	TN-GCA-C27	09/17/99
a-Methylstyrene	Niosh-1501	10	ug	TN-GCA-C27	09/17/99
Naphthalene	Niosh-1501	10	ug	TN-GCA-C27	09/17/99
Styrene	Niosh-1501	10	ug	TN-GCA-C27	09/17/99
Toluene	Niosh-1501	10	ug	TN-GCA-C27	09/17/99
Vinyltoluene	Niosh-1501	10	ug	TN-GCA-C27	09/17/99
Xylenes, Total	Niosh-1501	10	ug	TN-GCA-C27	09/17/99
Total Hydrocarbons	Niosh-1501	10	ug	TN-GCA-C27	09/17/99

APPROVED BY: Sara D. Sg
Report date: 09/29/99

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Albany, New York 12207
518-434-4546/434-0891 FAX

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CHAIN OF CUSTODY RECORD

CLIENT NAME	PROJECT NAME (Location)	SAMPLERS: (Names)
CDM	Korkay, Inc.	John Blaum
ADDRESS: Marcus Blvd Albany, NY 12205	PO NUMBER	SAMPLERS: (Signature)

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A=a.m. P=p.m.	SAMPLE TYPE MATRIX	COMP	GRAB	NUMBER OF CONT'S	ANALYSIS REQUIRED
9909116-HC01	CDM-VEW1-01	9/16/99	9:55 P	AIR			1	NIOSH 1501 ?
HC02	CDM-VEW2-02		8:45 P				1	
HC03	CDM-VEW3-03		8:35 P				1	
HC04	CDM-VEW4-01		9:30 P				1	
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					
			A P					

Turnaround Time:	Laboratory Approval:

Relinquished by: (Signature) John P Blaum	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Dispatched by: (Signature)	Date/Time	Received for Laboratory by:	Date/Time
			9/16/99 10:00

Method of Shipment:	Send Report To:	Client Phone No.:

The Laboratory reserves the right to return hazardous samples to the client or may levy a fee of $10.00 per container for disposal.

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