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DATE: February 02, 2010

TO: Terrence Johnson, U.S. EPA/ERT Work Assignment Manager

THROUGH: Richard Leuser, SERAS Deputy Program Manager
Dan Patel, SERAS Task Leader

FROM: Bruce Pullen, SERAS Environmental Technician

SUBJECT: INVESTIGATION AND CLOSEOUT OF BURIED DRY WELLS AT THE CIRCUITRON SITE, EAST FARMINGDALE, NEW YORK. SERAS WA#022, TECHNICAL MEMORANDUM.

1.0 INTRODUCTION

The Circuitron Superfund Site (site) is a former circuit board manufacturer located in East Farmingdale, New York (NY). The site is a known source of chlorinated volatile organic compound (CVOC) contamination. The primary contaminants of concern at the site are 1,1,1-trichloroethane (TCA) and tetrachloroethene (PCE). On February 2, 2008, while conducting site activities at the site, Lockheed Martin personnel, under the Response Engineering and Analytical Contract (REAC) to the Environmental Protection Agency (EPA)/ Environmental Response Team (ERT) discovered a partially exposed dry well after a rainstorm washed away soil covering the well. This well was previously undocumented and spurred further investigation of the entire property. REAC conducted a geophysical (GP) investigation on March 13, 2008 by REAC using time-domain electromagnetics (TDEM) and ground- penetrating radar (GPR) technology (Lockheed Martin/REAC. 2008a). Seventeen underground anomalies were discovered on the property (Figure DDS1).

2.0 PURPOSE

On September 8, 2008, REAC personnel performed a sub-surface investigation of potential underground anomalies that were identified during the March 2008 GP survey.

The purpose of this investigation was to:

1. Determine if there are potential secondary sources of contamination by physically/visually examining and/or sampling the underlying material.

2. Determine the extent of potential secondary contamination.

3. Establish and/or implement a remedy to address and bring closure to the issue of these newly discovered subsurface artifacts.

This technical memorandum was prepared by personnel from the Scientific, Engineering, Response and Analytical Services (SERAS) contract and summarizes the efforts put forth in examining/analyzing previously undocumented subsurface artifacts and remediatinon/closeout of buried dry wells at the site.

3.0 BACKGROUND

The site is located at 82 Milbar Boulevard, East Farmingdale, NY. As part of the remediation, the Circuitron building was demolished in August 1996 and removed from site along with other contaminated materials. The EPA Region 2 Superfund Technical and Response Team (START) contractors implemented a groundwater a pump-and-treat (P&T) system at the site that operated between 2000 and 2007. The P&T building sits on the eastern part of the site. When the P&T system was in operation, contaminated groundwater was extracted from up to three recovery wells downgradient (south) of the source area and treated water was re-injected into the upper unconfined aquifer through a shallow infiltration trench in the northwest portion of the site.

By mid 2007, TCA and PCE concentrations in the groundwater samples collected from all monitor wells, except for one; MW-4S in the southwest corner of the site, had dropped below the site cleanup criteria [as per EPA Record of Decision (ROD): NYD981184229 Operable Unit-2 (OU-2), 9/30/94]. By that time, additional subsurface investigations completed by REAC (Lockheed Martin/REAC. 2006a and 2006b) confirmed that a substantial residual source remained in pockets of subsurface soils, above and below the water table at, at storm drain SD3 in the southwest corner of the site.

In March 2008, operation of a pilot source treatment system (PSTS) was initiated to treat the residual source in the southwest corner of the site.

4.0 METHODOLOGY

Due Diligence Investigation and Sampling

On September 8, 2008, REAC personnel returned to site to conduct a subsurface investigation of the geophysical anomalies. Seventeen anomalies (Figure DDS1) were investigated using a combination of a backhoe to explore the underlying materials and a hydraulic direct-push technology (DPT) unit to collect subsurface samples. Three dry wells; NDW1, NDW2 and NDW3 were discovered. Each dry well was capped with a reinforced concrete slab and covered with a combination of fill and asphalt. Dry wells NDW1 and NDW2 were approximately fourteen feet deep and ten feet in diameter. Dry well NDW3 appeared to have been backfilled, possibly during a prior site remedial event. However, the backfill material in NDW3 had settled resulting in a void of approximately 12 to 18 inches at the top.

Soil samples were collected using DPT equipment at multiple locations and depths (i.e., at A1, A2, A3, RS and NDW3). Four soil borings were installed in close proximity at each sampling location. At each boring location, a two-inch diameter, five-foot long acetate sleeve was used to retrieve a soil core from the desired depth (for example, 10 - 15, 15 – 20, 20 – 25 or 25 – 30 ft bgs). A representative soil sample was collected from the middle of the core.

Soil sampling with the DPT unit beneath dry wells NDW1 and NDW2 could not be completed due to lack of vertical stability of the push rods, while pushing through the void space of each dry well. At dry well NDW2 soil samples were collected from the top six inches floor using a hand auger. Deeper soil sampling at NDW1 and NDW2 was deferred until after the cleanup and closure of these dry wells (see discussion under *Follow-up Subsurface Soil Sampling* below).

Physical/visual examination of the other artifacts did not reveal anything of environmental concern. At these locations, the anomalies were attributed to either a piece of metal debris or simply an unexplainable positive response to the GP survey equipment.

Dry Well Cleanup and Closeout

On December 8, 2008, REAC and subcontracted AARCO Environmental (AARCO) personnel initiated and completed the cleanup and closeout of the dry wells; NDW1, NDW2 and NDW3. A backhoe was used to clear away the soil and/or asphalt, completely exposing the concrete caps sitting atop each of the three dry wells. The concrete caps were removed with the backhoe using chains and hooks, giving complete access to the open dry wells. The concrete caps were assumed to be clean and uncontaminated, broken up into smaller pieces, loaded onto a roll-off and sent to 110 Sand Company, a local concrete recycling facility located at 170 Cabot Street, West Babylon, NY 11704 (Attachment 1).

Once open, a vacuum truck (a "Guzzler") was used to remove approximately 24 inches of soil/sediment from the bottom of dry wells NDW1 and NDW2 as required by the ROD for the site soils (OU1). Dry well NDW3 was nearly full of soil and required no sediment to be removed by the vacuum truck. The soil/sediment removed from the dry wells was stored in a covered 20 cubic yard (cy) roll-off container designed for contaminated soil/solids. Once the soil/sediment removal was complete, all three dry wells were backfilled with clean fill material procured from and delivered by Watral Brothers, Inc., 45 South 4th Street, Bay Shore, NY 11706 (Attachment 1). The fill was deposited approximately 12 inches of depth at a time, followed by compaction with a backhoe bucket in between fills. Each of the three dry wells was backfilled to grade level using this method.

Follow-up Subsurface Soil Sampling

On December 10, 2008, REAC personnel completed soil sampling at locations NDW1 and NDW2. The DPT equipment was used to collect soil samples between the depths of 10 to 30 feet (ft) below ground surface (bgs) through each of the two now back-filled dry wells. Four soil borings were installed in close proximity at dry well location. At each boring location, a two-inch diameter, five-foot long acetate sleeve was used to retrieve a soil core from the desired depth (for example, 10 - 15, 15 – 20, 20 – 25 or 25 – 30 ft bgs). The representative soil sample was collected from the middle of the core.

Characterization of Investigation Derived Wastes

On April 30, 2009, REAC personnel completed the sampling of all the investigation derived waste (IDW) soils generated from previous site activities. Twenty-eight (28) fifty-five gallon drums full of IDW from the construction of the remediation system, as well as a roll-off container with approximately 11.6 cy of IDW generated during the December 8, 2009 dry well closeout effort remained on the site. One soil sample was collected from each of the 28 drums. Five (5) samples were collected from the roll-off; one from each corner of the container and one from the middle.

On November 10, 2009 AARCO personnel collected representative aliquots of soil from each of the 28 drums and the roll-off container to generate one single composite soil sample. AARCO collected this sample to independently verify the characteristics of the IDW. The sample was analyzed by Long Island Analytical Laboratories (LIAL) for:

- Volatile Organic Compounds (VOCs) by EPA 8260
- Semi-Volatile Organic Compounds (SVOCs) by EPA 8270
- Polychlorinated Biphenyls (PCBs) scan by EPA 8082
- Toxicity Characteristics Leaching Procedure (TCLP) for 11 Metals
- pH
- Paint Filter Test
- Flash Point
- Reactivity.

Offsite Disposal of Investigation Derived Waste

On November 30, 2009, under supervision of SERAS, AARCO completed the removal of the IDW from the site. AARCO crew physically consolidated the IDW soils from the drums and the roll-off container. The IDW soil was then loaded into a 20 cy dump truck (Munoz Trucking Company of Belleville, NJ) and hauled to the Walter R. Earle Corp facility (subsidiary of Pure Soil Technologies) at 655 S. Hope Chapel Road, Jackson, NJ 08527 (Attachment 2) for final disposal/recycling (Attachment 2).

5.0 ANALYTICAL RESULTS

Analytical results of the soil samples collected by REAC personnel during the course of this investigation are summarized in Tables 1, 2 and 3. The subsurface sampling locations as well as the locations of the other anomalies are shown in Figure DDS1.

Based on the analytical results of the September and December 2008 sampling conducted by REAC, artifacts identified as A1, A2, A3 and dry wells NDW1, NDW2 and NDW3 were deemed benign or non-issue in reference to the OU-1 ROD specified site cleanup criteria for soils. As stated earlier, the locations of the other artifacts or anomalies that were visually/physically examined and determined to be non-issue were not sampled.

The REAC Laboratory analyzed 68 soil samples for VOCs (including quality assurance/quality control samples) related to the due diligence investigation and IDW soil characterization sampling. Of the due diligence subsurface samples four (4) were analyzed for TAL Metals, except for mercury (hg). Of the

thirty three (33) IDW soil characterization samples, seven (7) were analyzed for semivolatile organic compounds (SVOCs) and TAL Metals including Hg.

Attachment 3 provides as a reference a listing of the soil cleanup objectives issued by the New York State Department of Environmental Conservation (NYSDEC) under the Technical and Administrative Guidance Memorandum 4046 (TAGM 4046) for VOCs, SVOCs, Organic Pesticides/Herbicides and Heavy Metals.

Six (6) VOCs, 1,1,1-trichloroethane, 1,1-dichloroethane, 1,1-dichloroethene, tetrachloroethene, trichloroflouromethane and chloroethane were detected at concentrations above laboratory reporting limits (RLs); however none of the compounds exceeded the site-specific Record of Decision (ROD) specified soil cleanup criteria, as well as the criteria specified under TAGM 4046.

Of the list of SVOCs analyzed for, only one (1); bis-(2-ethylhexyl)phthalate, was detected above the reporting limit. Two other SVOCs; butlybenzylphthalate and benzo(g,h,i)perylene were detected but below their respective reporting limits. Bis-(2-ethylhexyl)phthalate and butlybenzylphthalate are known plasticizer. Their presence in the IDW soil may be attributed to the comingling of shavings of polyvinyl chloride (PVC) piping components generated during the installation of the pilot source treatment system (PSTS) well and/or the network of groundwater monitor wells at the site. Benzo(g,h,i)perylene is a polycyclic aromatic hydrocarbon (PAH) and occurs naturally in crude oil and is present ubiquitously in products of incomplete combustion and in coal tar. Its presence in the IDW soil may be attributed to the comingling of a small amounts of asphalt with the soil during the site activities. None of the three SVOCs detected in the IDW soil exceeded the soil cleanup criteria specified under TAGM 4046.

Results of the TAL Metals analysis of the due diligence and IDW soil sampling suggests that all target metals except for copper and zinc were below the soil cleanup criteria specified under TAGM 4046. The presence of copper and zinc in excess of the TAGM 4046 cleanup criteria may be attributed to the fact that Circuitron site is located within a heavily industrialized area wherein the soil background levels may be higher in general.

In the TCLP Metals analysis of a composite IDW soil sample performed by LIAL, all target metals were found to be below their regulatory limits in the TCLP extract. Copper and zinc were detected at 1.26 and 0.15 mg/L, respectively, in the TCLP extract. However, no regulatory limits exist for copper and zinc.

Analytical results for all of the soil samples analyzed by the REAC laboratory are presented in Attachments 4, 5 and 6.

Analytical results of the IDW sample analyzed by LIAL are presented in Attachment 7.

6.0 SUMMARY

Soil erosion during a rainstorm in February 2008 exposed a previously undocumented dry well and brought up the concern of other possible buried dry wells on the Circuitron site. A geophysical investigation identified multiple subsurface anomalies on the site that required further investigation to determine whether any of these anomalies posed a potential risk as a secondary source of contamination. Three anomalies were found to be buried dry wells. These wells were uncovered and soil samples were collected from the well floors and below to test for VOCs. None of the samples exceeded ROD specified

cleanup goals for VOCs and therefore did not pose a risk as a secondary source of contamination. As per the stipulated requirements of the ROD for the site soils (OU1), two feet of sediment/soil from the bottom of two dry wells along the western edge of the site were removed. These dry wells were backfilled with clean soil to ground surface. The third dry well located north of the treated groundwater re-injection trench was backfilled completely to ground surface.

Sediment/soil removed from the two dry wells was temporarily stored in a roll-off container. The soil/sediment was analyzed in accordance with EPA waste classification regulations and deemed non-hazardous. Soil stored in drums from prior activities was also analyzed and deemed non-hazardous. Approximately 20 cubic yards or 30 tons of the non-hazardous sediment/soil, both from the roll-off container and the drums was shipped off-site under a Non-hazardous Materials Manifest to a soil recycling facility. No further concerns are associated with these abandoned dry wells.

REFERENCE

Lockheed Martin/REAC (REAC). 2008a. Geophysical Survey, Circuitron Site, Farmingdale, NY Work Assignment #0-132: Technical Memorandum. May 16, 2008.

Lockheed Martin/REAC (REAC). 2006a. Investigation of a chlorinated source at the Circuitron Site, East Farmingdale, New York. Work Assignment 0-132: Trip Report. April 2006.

Lockheed Martin/REAC (REAC). 2006b. Assessment of a chlorinated hydrocarbon source and remedy evaluation of the Circuitron Site, East Farmingdale, New York. Work Assignment 0.132: Technical Memorandum. October 2006.

EPA Superfund Record of Decision (ROD): Circuitron Corporation, EPA ID: NYD981184229 Operable Unit 1 (OU1), East Farmingdale, New York (NY) 3/29/91.

EPA Superfund Record of Decision (ROD): Circuitron Corporation, EPA ID: NYD981184229 Operable Unit 2 (OU2), East Farmingdale, New York (NY) 9/30/94

Table 1
Summary of Soil VOC Concentrations
Due Diligence Subsurface Investigation and Investigation Derived Waste Sampling
Circuitron Superfund Site, Farmingdale, NY

Date of Sampling	Sample Location	Depth or Description	Soil Contaminant Concentrations, µg/kg					
			Chloroethane	Trichloro-fluoro-methane	1,1-Dichloroethene	1,1-Dichloroethane	1,1,1-Trichloroethane	Tetra-chloroethene
Due Diligence Subsurface Sampling								
9/9/2008	A1	10 – 15"	ND	ND	ND	ND	ND	ND
		15 – 20"	ND	ND	ND	ND	ND	ND
		20 – 25"	ND	ND	ND	ND	ND	ND
		25 – 30"	ND	ND	ND	ND	ND	ND
	A2	10 – 15"	ND	ND	ND	ND	ND	ND
		15 – 20"	ND	ND	ND	ND	ND	ND
		20 – 25"	ND	ND	ND	ND	ND	ND
		25 – 30"	ND	ND	ND	ND	ND	ND
	NDW3	10 – 15"	ND	ND	ND	4.38 J	181	3.51 J
		15 – 20"	ND	ND	ND	4.47 J	192	4.15 J
		20 – 25"	ND	ND	ND	ND	ND	ND
		25 – 30"	ND	ND	ND	ND	ND	ND
9/10/2008	A3	10 – 15"	ND	ND	ND	ND	ND	ND
		15 – 20"	ND	ND	ND	ND	ND	ND
		20 – 25"	ND	ND	ND	ND	ND	ND
		25 – 30"	ND	ND	ND	ND	ND	ND
	RS	10 – 15"	ND	ND	ND	ND	ND	ND
		15 – 20"	ND	ND	ND	ND	ND	ND
		20 – 25"	ND	ND	ND	ND	ND	ND
		25 – 30"	ND	ND	ND	ND	ND	ND
	NDW2	0 – 6"A	ND	ND	ND	ND	ND	ND
		0 – 6"B	ND	ND	ND	ND	ND	ND
		0 – 6"C	ND	ND	ND	ND	ND	ND
12/10/2008	NDW1	10 – 15"	ND	ND	ND	ND	ND	ND
		17 – 20"	ND	ND	ND	ND	ND	ND
		20 – 25"	ND	ND	ND	ND	ND	ND
		25 – 30"	ND	ND	ND	ND	ND	ND
	NDW2	10 – 15"	ND	ND	ND	ND	ND	ND
		17 – 20"	ND	ND	ND	ND	ND	ND
		20 – 25"	ND	ND	ND	ND	ND	ND
		25 – 30"	ND	ND	ND	ND	ND	ND

Table 1 (continued...)
Summary of Soil VOC Concentrations
Due Diligence Subsurface Investigation and Investigation Derived Waste Sampling
Circuitron Superfund Site, Farmingdale, NY

Date of Sampling	Sample Location	Depth or Description		Soil Contaminant Concentrations, µg/kg					
				Chloroethane	Trichloro-fluoro-methane	1,1-Dichloroethene	1,1-Dichloroethane	1,1,1-Trichloroethane	Tetra-chloroethene
Investigation Derived Waste Characterization Sampling									
4/28/2009	Drum #	1		ND	5.71	ND	ND	2.94 J	ND
		2		ND	ND	10.8	3.81 J	189	9.73
		3		ND	ND	ND	ND	17.6	ND
		4		ND	ND	7.45	4.55 J	123	3.03
		5		ND	ND	ND	ND	13.9	ND
		6		ND	1.94 J	1.54 J	ND	21.8	1.79 J
		7		ND	9.55	ND	1.6 J	11.9	ND
		8		ND	ND	7.11	9.18	78.1	3.62 J
		9		ND	ND	3.45 J	3.14 J	59.9	7.01
		10		ND	2.56 J	ND	ND	5.74	ND
		11		ND	ND	2.38 J	ND	31.9	ND
		12		ND	ND	2.8 J	2.11 J	39.4	2.34 J
		13		ND	ND	ND	ND	1.86 J	ND
		14		5.09 J	ND	3.27 J	18	32.8	2.29 J
		15		6.87	ND	1.62 J	10.6	15.1	1.75 J
		16		ND	1.87 J	ND	2.6 J	5.62 J	ND
		17		ND	ND	ND	ND	5.13 J	ND
		18		ND	2.33 J	ND	ND	17	1.32 J
		19		ND	6.76	ND	1.66 J	2.89 J	ND
		20		ND	ND	2.1 J	21.1	25.3	1.92 J
		21		ND	ND	ND	ND	ND	ND
		22		ND	2.69 J	3.17 J	46.5	31.6	5.26 J
		23		ND	ND	ND	ND	ND	ND
		24		ND	ND	ND	ND	ND	ND
		25		ND	8.33	ND	ND	ND	ND
		26		ND	ND	ND	ND	ND	ND
		27		2.85 J	ND	ND	ND	1.45 J	ND
		28		ND	2.14 J	ND	ND	2.47 J	ND
	Roll-off	NW		ND	ND	ND	ND	ND	ND
		NE		ND	ND	ND	ND	ND	ND
		SW		ND	9.46	ND	ND	ND	ND
		SE		ND	ND	ND	ND	ND	ND
		C (middle)		ND	3.19 J	ND	ND	ND	ND

ND - Not detected
J - Concentration reported is below the detection limit and is an estimated value.

Table 2
Summary of Soil SVOC Concentrations
Investigation Derived Waste Sampling
Circuitron Superfund Site, Farmingdale, NY

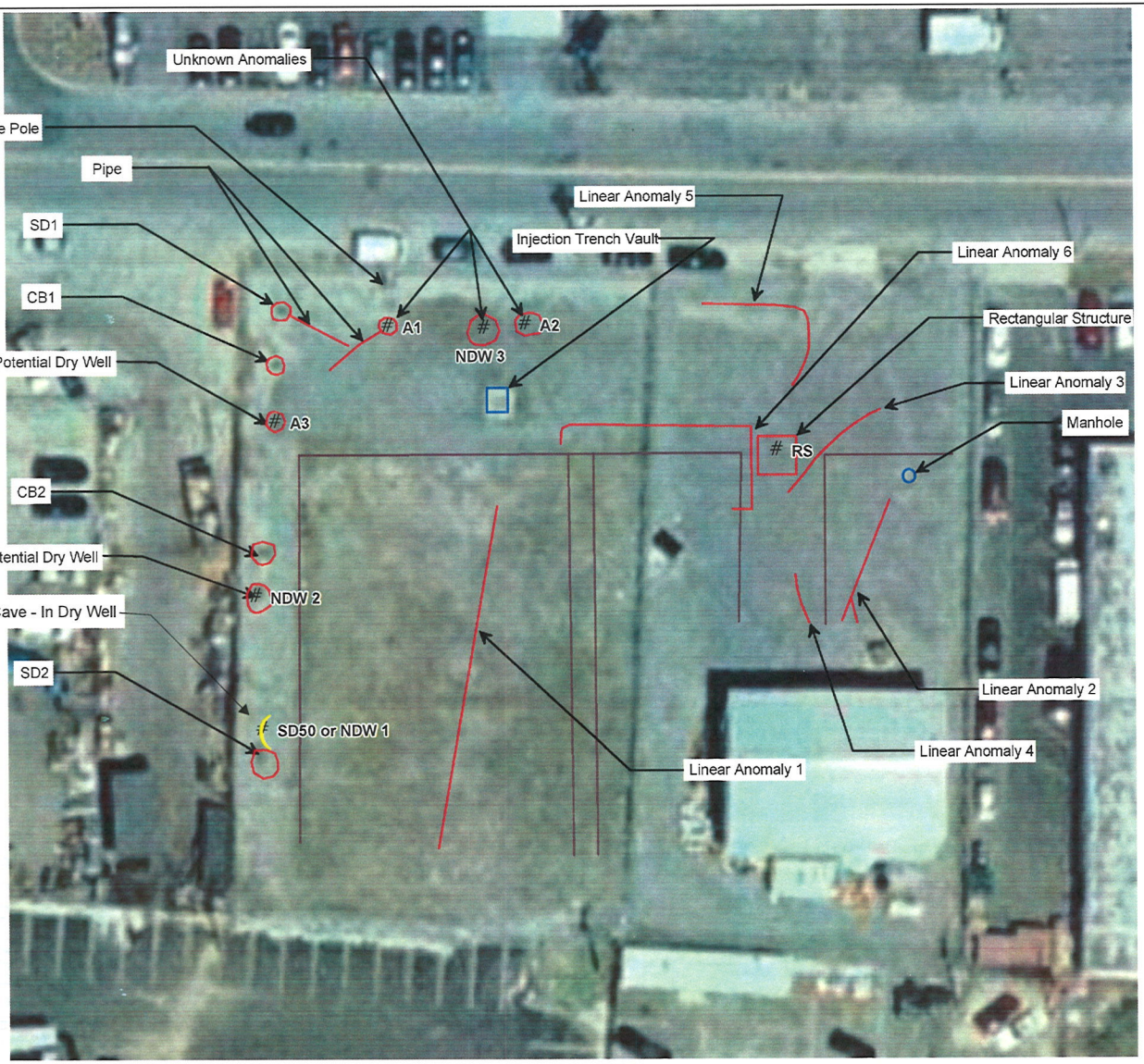
Date of Sampling	Sample Location	Depth or Description		Soil Contaminant Concentrations, µg/kg		
				Butylbenzylphthalate	Bis-(2-ethylhexyl) phthalate	Benzo(g,h,i)perylene
Investigation Derived Waste Characterization Sampling						
4/28/2009	Drum #	1		ND	11800	ND
		7		ND	18300	ND
		13		ND	2150	ND
		19		ND	435	ND
		25		ND	3350	ND
	Roll-off	SW		ND	651 J	ND
		C (middle)		431 J	601 J	1,420 J

ND - Not detected
J - Concentration reported is below the detection limit and is an estimated value.

Table 3
Summary of Soil Metals Concentrations
Due Diligence Subsurface Investigation and Investigation Derived Waste Sampling
Circuitron Superfund Site, Farmingdale, NY

		Due Diligence Subsurface Sampling				*Investigation Derived Waste Characterization Sampling*						
	Date of Sampling	9/9/2008	9/9/2008	9/10/2008	9/10/2008	04/28/2009	04/28/2009	04/28/2009	04/28/2009	04/28/2009	04/30/2009	04/30/2009
	Sample Location	NDW3	NDW3	RS	NDW2	Drum	Drum	Drum	Drum	Drum	Roll-off	Roll-off
	Depth or Description	15 – 20'	25 – 30'	25 – 30'	0 – 6"	04	10	16	22	28	C (middle)	NE
Analyte		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Aluminum		4,930	267	704	3,130	753	681	1,000	663	1,230	1,140	1,120
Antimony		ND	ND	ND	3.61	ND	ND	ND	ND	ND	ND	ND
Arsenic		3.36	ND	1.36	3.46	ND	ND	1.60	ND	ND	ND	1.32
Barium		26.4	2.21	9.42	31.3	4.10	3.62	5.01	4.25	6.64	6.50	5.39
Berylium		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium		ND	ND	ND	1.01	ND	ND	ND	ND	ND	ND	ND
Calcium		26,200	49.9	43.3	4,390	1,630	376	1,210	531	2,110	2,910	2,120
Chromium		9.6	2.21	4.70	14.6	3.23	2.76	4.87	3.45	3.52	4.9	5.45
Cobalt		4.76	ND	1.63	1.52	0.822	0.466	0.708	0.404	0.855	0.89	0.820
Copper		30.7	69.1	42.0	2,600	82.1	73.0	62.5	16.3	52.0	291	407
Iron		9,270	1,540	3,610	8,080	5,080	2,020	3,840	1,980	2,590	3,630	3,460
Lead		0.956	0.935	0.823	0.980	2.29	1.50	2.33	1.39	4.15	28.2	23.6
Magnesium		4,860	97.2	156	2,130	985	285	700	24.4	1,040	1,710	1,210
Manganese		134	9.09	98.4	42.6	39.1	19.2	34.4	19.0	36.9	45.1	34.2
Mercury		NA	NA	NA	NA	ND	ND	ND	ND	ND	0.0491	0.0573
Nickel		10.3	0.743	2.01	10.5	2.78	2.05	2.26	1.38	3.12	2.57	2.27
Potassium		569	56.9	122	226	89.6	74.8	101	69.3	123	115	101
Selenium		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver		ND	5.01	ND	4.52	ND	ND	ND	ND	ND	1.52	1.55
Sodium		256	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thalium		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium		32.6	1.48	4.30	17.9	3.01	1.77	3.88	2.21	3.50	7.68	4.01
Zinc		36.7	ND	7.92	139	10.4	5.72	7.87	3.62	26.6	41.3	35.1

ND - Not Detected
NA - Not Analyzed for



N
W E
S

Legend

- Subsurface Features
- Former Foundation
- Reference Structures
- # Subsurface Soil Sample Locations

Figure DDS1
Due Diligence Subsuface Sample Locations
Circuitron Site
Suffolk Co., New York

U.S EPA Environmental Response Team
Response Engineering and Analytical Contract
EP-C-04-032
W.A.# 0-132

ATTACHMENT 1

TRUCKING SLIPS FOR CLEAN SAND
AND MANIFESTS FOR CONCRETE DEBRIS REMOVAL
IN DECMEBER 2008

WATRAL BROTHERS INC
45 SOUTH 4th STREET
BAY SHORE, NY 11706

PHONE (631) 586-8300 FAX (631) 586-8335

78629 X

DATE 12-9-08 # 06

NAME Cares

ADDRESS 51 Milbar
Melville

43.80	ton Screened Sand	

CURB DELIVERIES ONLY
OTHERS AT CUSTOMER'S RISK

ACCEPTED BY

WATRAL BROTHERS INC
45 SOUTH 4th STREET
BAY SHORE, NY 11706

PHONE (631) 586-8300 FAX (631) 586-8335

78631 X

DATE 12-9-08

NAME Cares Environmental # 06

ADDRESS 51 Milbar
Melville

43.50	Ton Screened Sand	

CURB DELIVERIES ONLY
OTHERS AT CUSTOMER'S RISK

ACCEPTED BY

WATRAL BROTHERS INC
45 SOUTH 4th STREET
BAY SHORE, NY 11706

PHONE (631) 586-8300 FAX (631) 586-8335

78633 X

DATE 12-9-08

NAME Milbar #06

ADDRESS Melville

37.10	Tons Screened Sand	

WATRAL BROTHERS INC
45 SOUTH 4th STREET
BAY SHORE, NY 11706

PHONE (631) 586-8300 FAX (631) 586-8335

78634 X

DATE 12-9-08

NAME Anco #06

ADDRESS 51 Milbar
Melville

44.82	Tons Screened Sand	

CUSTOMER COPY

110 Sand Company

170 Cabot Street
West Babylon, New York 11704

67 Milbar
Farmingdale
Superfund Site

TELEPHONES
Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
910001		6138	SHIPPING		012905	621091

CUSTOMER NAME
AARCO 17YWL

MATERIAL SALE - CHECK

DATE	TAX PERCENTAGE	TAX LOCATION CODE	MATERIAL CODE
12/09/08			905

MATERIAL DESCRIPTION:
MIXED RECYCLABLE (C)

GROSS	TARE	NET	UNIT	WEIGHED BY
		12.00	CU YD	OAK

IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.
	15:09	AMEX	61388JL

DELIVERY ADDRESS

RECEIVED BY

CARRIER SIGNATURE

CUSTOMER SIGNATURE

SEE REVERSE SIDE FOR COLLECTION TERMS

TOTAL TODAY

QUANTITY THIS ORDER TODAY

LOADS THIS ORDER TODAY

OFFICE USE ONLY

CUSTOMER COPY

110 Sand Company

170 Cabot Street
West Babylon, New York 11704

82 M/BAR
Farmingdale

TELEPHONES
Office - 631-249-4108
Scalehouse - 631-694-2822
Landfill - 631-694-2848

CUSTOMER NO.	PO NUMBER	TRUCK NO.	TYPE OF SALE	JOB NO.	OUR ORDER NUMBER	TICKET NO.
910001		6138	SHIPPING		012309	621133

CUSTOMER NAME: ARRCO 17YWL
MATERIAL SALE - CHECK

GROSS	TARE	NET	UNIT	WEIGHED BY
		5.00	CU YD	TEM

DATE	TAX DISTRICT CODE	TRUCK CODE	MATERIAL CODE
12/10/08			900

IN	OUT	CHECK NO./CHARGE TYPE	LICENSE NO.
	7:33	AMEX	61388JL

MATERIAL DESCRIPTION: CONCRETE (C)

DELIVERY ADDRESS

RECEIVED BY:

CARRIER SIGNATURE

CUSTOMER SIGNATURE

SEE REVERSE SIDE FOR COLLECTION TERMS

TOTAL TODAY

QUANTITY THIS ORDER TODAY

LOADS THIS ORDER TODAY

OFFICE USE ONLY

ATTACHMENT 2

NON-HAZARDOUS MATERIAL MANIFEST
AND TRUCK WEIGHING TICKET
FOR DISPOSAL OF WASTE SOIL AT
WALTER R. EARLE CORP. RECYCLING FACILITY
(PURE SOIL TECHNOLOGIES)
655 S. HOPE CHAPEL RD., JACKSON, NJ 08527

PEI DISPOSAL GROUP, INC.

Log Number: 29109

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name: CIRCUITRON CORP. / SUPERFUND SITE / USEPA-REGION 2
Address: 82 MILBAR BLVD.
FARMINGDALE, NY 11735

Shipping Location: SAME
Address: 82 MILBAR BLVD.
FARMINGDALE, NY 11735

Approval Number: 0911053

Description of Material: Non-Haz Contaminated Soil - Waste Soil
Non DOT/RCRA Regulated

GROSS
TARE
NET
TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

DAN PATEL (LOCKHEED MARTIN) for SHARON TROCHER (USEPA - Region 2) — Signature — 11/30/09

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name: MUÑOZ TRUCKING
Address: 138 OVERLOOK AVE.
BELLEVILLE, NJ

Driver Name (Print): ALBERTO GUTIERREZ
Vehicle License No./State: AK 209 S (NJ)
Truck Number: M-600

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature — 11/30/09 — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature — 11/30/09 — Delivery Date

DESTINATION

Site Name: WALTER R. EARLE CORP
Address: COUNTY ROUTE 547
JACKSON, NJ 08527

Phone No.: 732-657-8551
State Permit #:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature — Receipt Date

BROKER

11/30/09

PURE SOIL TECHNOLOGIES
655 S. HOPE CHAPEL RD
JACKSON N.J. 08527
732-657-8551

Date: 11/30/09 Ticket #: 141591
Time: 14:22 Plant: P1
*** Recycled ***

Customer: 0003239
PEI
2545 HEMPSTEAD PIKE
EAST MEADOWS, NY 11554
718-861-7415

Job: 0911053
CIRCUTRON CORP
SUPER FUND SITE
FARMIINGDALE, NY

P.O.#:

Carrier: MUNOZ
MUNOZ TRUCKING
Truck: AK209S
License:

Phase: 0

Zone: 0

Product: JR66 0
JR66 SOIL
JMF:
(Daily) Loads: 1 Amount: 30.88 Tn 28.01 Mg
(To-Date) Loads: 1 Amount: 30.88 Tn 28.01 Mg

Gross:	45.07 Tn	90140 lb	40.89 Mg
Tare:	14.19 Tn	28380 lb	12.87 Mg
Net:	30.88 Tn	61760 lb	28.01 Mg

Received By: _____
Weighmaster: Robert E Schue

ATTACHMENT 3

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
TECHNICAL AND ADMINISTRATIVE GUIDANCE MEMORANDUM (TAGM) 4046

TABLE 1:	VOCs
TABLE 2:	SVOCs
TABLE 3:	Organic Pesticides/Herbicides
TABLE 4:	Heavy Metals

TAGM 4046 Table 1 - Volatile Organic Contaminants

Table 1
Recommended soil cleanup objectives (mg/kg or ppm)
Volatile Organic Contaminants

Contaminant	Partition Coefficient, Koc	Groundwater Standards/ Criteria, Cw (ug/l or ppb)	a Allowable soil conc., Cs (ppm)	b ** Soil cleanup objectives to protect GW quality (ppm)	USEPA Health Based (ppm)		CRQL (ppb)	*** Rec. Soil Cleanup Objective (ppm)
					Carcin-ogens	Systemic Toxicants		
Acetone	2.2	50	0.0011	0.11	N/A	8,000	10	0.2
Benzene	83	0.7	0.0006	0.06	24	N/A	5	0.06
Benzoic Acid	54 *	50	0.027	2.7	N/A	300,000	5	2.7
2-Butanone	4.5 *	50	0.003	0.3	N/A	4,000	10	0.3
Carbon Disulfide	54 *	50	0.027	2.7	N/A	8,000	5	2.7
Carbon Tetrachloride	110 *	5	0.006	0.6	5.4	60	5	0.6
Chlorobenzene	330	5	0.017	1.7	N/A	2,000	5	1.7
Chloroethane	37 *	50	0.019	1.9	N/A	N/A	10	1.9
Chloroform	31	7	0.003	0.30	114	800	5	0.3
Dibromochloromethane	N/A	50	N/A	N/A	N/A	N/A	5	N/A
1,2-Dichlorobenzene	1,700	4.7	0.079	7.9	N/A	N/A	330	7.9
1,3-Dichlorobenzene	310 *	5	0.0155	1.55	N/A	N/A	330	1.6
1,4-Dichlorobenzene	1,700	5	0.085	8.5	N/A	N/A	330	8.5
1,1-Dichloroethane	30	5	0.002	0.2	N/A	N/A	5	0.2
1,2-Dichloroethane	14	5	0.001	0.1	7.7	N/A	5	0.1
1,1-Dichloroethene	65	5	0.004	0.4	12	700	5	0.4
1,2-Dichloroethene (trans)	59	5	0.003	0.3	N/A	2,000	5	0.3
1-3 dichloropropane	51	5	0.003	0.3	N/A	N/A	5	0.3
Ethylbenzene	1,100	5	0.055	5.5	N/A	8,000	5	5.5
113 Freon (1,1,2 Trichloro-1,2,2 Trifluoroethane)	1,230 *	5	0.060	6.0	N/A	200,000	5	6.0
Methylene chloride	21	5	0.001	0.1	93	5,000	5	0.1
4-Methyl-2-Pentanone	19 *	50	0.01	1.0	N/A	N/A	10	1.0
Tetrachloroethene	277	5	0.014	1.4	14	800	5	1.4
1,1,1-Trichloroethane	152	5	0.0076	0.76	N/A	7,000	5	0.8
1,1,2,2-Tetrachloroethane	118	5	0.006	0.6	35	N/A	5	0.6
1,2,3-trichloropropane	68	5	0.0034	0.34	N/A	80	5	0.4
1,2,4-trichlorobenzene	670 *	5	0.034	3.4	N/A	N/A	330	3.4
Toluene	300	5	0.015	1.5	N/A	20,000	5	1.5
Trichloroethene	126	5	0.007	0.70	64	N/A	5	0.7
Vinyl chloride	57	2	0.0012	0.12	N/A	N/A	10	0.2
Xylenes	240	5	0.012	1.2	N/A	200,000	--	1.2

a. Allowable Soil Concentration Cs = f x Cw x Koc

b. Soil cleanup objective = Cs x Correction Factor (CF)

N/A is not available

* Partition coefficient is calculated by using the following equation:

log Koc = -0.55 log S + 3.64, where S is solubility in water in ppm.

All other Koc values are experimental values.

** Correction Factor (CF) of 100 is used as per TAGM #4046

*** As per TAGM #4046, Total VOCs < 10 ppm.

Note: Soil cleanup objectives are developed for soil organic carbon content (f) of 1%, and should be adjusted for the actual soil organic carbon content if it is known.

TAGM 4046 Table 2 - Semi-Volatile Organic Contaminants

TABLE 2 - Recommended soil cleanup objectives (mg/kg or ppm) Semi-Volatile Organic Contaminants

Contaminant	Partition Coefficient, Koc	Groundwater Standards/ Criteria, Cw (ug/l or ppb)	a Allowable soil conc., Cs (ppm)	b ** Soil cleanup objectives to protect GW quality (ppm)	USEPA Health Based (ppm)		CRQL (ppb)	*** Rec. Soil Cleanup Objective (ppm)
					Carcin-ogens	Systemic Toxicants		
Acenaphthene	4,600	20	0.9	90.0	N/A	5,000	330	50.0 ***
Acenaphthylene	2,058 *	20	0.41	41.0	N/A	N/A	330	41.0
Aniline	13.8	5	0.001	0.1	123	N/A	330	0.1
Anthracene	14,000	50	7.00	700.0	N/A	20,000	330	50.0 ***
Benzo(a)anthracene	1,380,000	0.002	0.03	3.0	0.224	N/A	330	0.224 or MDL
Benzo (a) pyrene	5,500,000	0.002 (ND)	0.110	11.0	0.0609	N/A	330	0.061 or MDL
Benzo (b) fluoranthene	550,000	0.002	0.011	1.1	N/A	N/A	330	1.1
Benzo (g,h,i) perylene	1,600,000	5	8.0	800	N/A	N/A	330	50.0 ***
Benzo (k) fluoranthene	550,000	0.002	0.011	1.1	N/A	N/A	330	1.1
bis(2-ethylhexyl) phthalate	5,706 *	50	4.35	435.0	50	2,000	330	50.0 ***
Butylbenzylphthlate	2,430	50	1.215	122.0	N/A	20,000	330	50.0 ***
Chrysene	250,000	0.002	0.004	0.4	N/A	N/A	330	0.4
4- Chloroaniline	43 ****	5	0.0022	0.22	200	300	330	0.220 or MDL
4-Chloro-3-methylphenol	47	5	0.0024	0.24	N/A	N/A	330	0.240 or MDL
2-Chlorophenol	15 *	50	0.008	0.8	N/A	400	330	0.8
Dibenzofuran	1,230 *	5	0.062	6.2	N/A	N/A	330	6.2
Dibenzo(a,h) anthracene	33,000,000	50	1,650	165,000	0.0143	N/A	330	0.014 or MDL
3,3'-Dichlorobenzidine	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2,4-Dichlorophenol	380	1	0.004	0.4	N/A	200	330	0.4
2,4-Dinitrophenol	38	5	0.002	0.2	N/A	200	1,600	0.200 or MDL
2,6 Dinitrotoluene	198 *	5	0.01	1.0	1.03	N/A	330	1.0
Diethylphthlate	142	50	0.071	7.1	N/A	60,000	330	7.1
Dimethylphthlate	40	50	0.020	2.0	N/A	60,000	330	2.0
Di-n-butyl phthalate	162*	50	0.081	8.1	N/A	8,000	330	8.1
Di-n-octyl phthlate	2,346 *	50	1.2	120.0	N/A	2,000	330	50.0 ***
Fluoranthene	38,000	50	19	1900.0	N/A	3,000	330	50.0 ***
Fluorene	7,300	50	3.5	350.0	N/A	3,000	330	50.0 ***
Hexachlorobenzene	3,900	0.35	0.014	1.4	0.41	60	330	0.41
Indeno (1,2,3-cd) pyrene	1,600,000	0.002	0.032	3.2	N/A	N/A	330	3.2
Isopherone	88.31 *	50	0.044	4.40	1,707	20,000	330	4.40
2-methylnaphthalene	727 *	50	0.364	36.4	N/A	N/A	330	36.4
2-Methylphenol	15	5	0.001	0.1	N/A	N/A	330	0.100 or MDL
4-Methylphenol	17	50	0.009	0.9	N/A	4,000	330	0.9
Naphthalene	1,300	10	0.130	13.0	N/A	300	330	13.0
Nitrobenzene	36	5	0.002	0.2	N/A	40	330	0.200 or MDL
2-Nitroaniline	86	5	0.0043	0.43	N/A	N/A	1,600	0.430 or MDL
2-Nitrophenol	65	5	0.0033	0.33	N/A	N/A	330	0.330 or MDL
4-Nitrophenol	21	5	0.001	0.1	N/A	N/A	1,600	0.100 or MDL
3-Nitroaniline	93	5	0.005	0.5	N/A	N/A	1,600	0.500 or MDL
Pentachlorophenol	1,022	1	0.01	1.0	N/A	2,000	1,600	1.0 or MDL
Phenanthrene	4,365 *	50	2.20	220.0	N/A	N/A	330	50.0 ***
Phenol	27	1	0.0003	0.03	N/A	50,000	330	0.03 or MDL
Pyrene	13,295 *	50	6.65	665.0	N/A	2,000	330	50.0 ***
2,4,5-Trichlorophenol	89 *	1	0.001	0.1	N/A	8,000	330	0.1

a Allowable Soil Concentration Cs = f x Cw x Koc

b Soil Cleanup Objective = Cs x Correction Factor (CF)

N/A Not available

MDL Method Detection Limit

* Partition coefficient is calculated by using the following equation:

log Koc = -0.55 log S + 3.64, where S is solubility in water in ppm.
Other Koc values are experimental values.

** Correction Factor (CF) of 100 is used as per TAGM #4046

*** As per TAGM #4046, Total VOCs < 10 ppm., Total Semi-VOCs < 500ppm. and Individual Semi-VOCs < 50 ppm.

**** Koc is derived from the correlation Koc = 0.63 Kow (Determining Soil Response Action Levels.....

EPA/540/2-88/057). Kow is obtained from the USEPA computer database 'MAIN'.

Note: Soil cleanup objectives are developed for soil organic carbon content (f) of 1%, and should be adjusted for the actual soil organic carbon content if it is known.

TAGM 4046 Table 3 - Organic Pesticides/Herbicides and PCBs

Table 3
Recommended soil cleanup objectives (mg/kg or ppm)
Organic Pesticides / Herbicides and PCBs

Contaminant	Partition Coefficient, Koc	Groundwater Standards/ Criteria, Cw (ug/l or ppb)	a Allowable soil conc., Cs (ppm)	b ** Soil cleanup objectives to protect GW quality (ppm)	USEPA Health Based (ppm)		CRQL (ppb)	*** Rec. Soil Cleanup Objective (ppm)
					Carcin-ogens	Systemic Toxicants		
Aldrin	96,000	ND (<0.01)	0.005	0.5	0.041	2	8	0.041
alpha- BHC	3,800	ND (<0.05)	0.002	0.2	0.111	N/A	8	0.11
beta - BHC	3,800	ND (<0.05)	0.002	0.2	3.89	N/A	8	0.2
delta - BHC	6,600	ND (<0.05)	0.003	0.3	N/A	N/A	8	0.3
Chlordane	21,305 *	0.1	0.02	2.0	0.54	50	80	0.54
2,4-D	104 *	4.4	0.005	0.5	N/A	800	800	0.5
4,4'- DDD	770,000 *	ND (<0.01)	0.077	7.7	2.9	N/A	16	2.9
4,4'-DDE	440,000 *	ND (<0.01)	0.0440	4.4	2.1	N/A	16	2.1
4,4'-DDT	243,000 *	ND (<0.01)	0.025	2.5	2.1	40	16	2.1
Dibenzo-P-dioxins (PCDD) 2,3,7,8 TCDD	1709800	0.000035	0.0006	0.06	N/A	N/A	N/A	N/A
Dieldrin	10,700 *	ND (<0.01)	0.0010	0.1	0.044	4	16	0.044
Endosulfan I	8,168 *	0.1	0.009	0.9	N/A	N/A	16	0.9
Endosulfan II	8,031 *	0.1	0.009	0.9	N/A	N/A	16	0.9
Endosulfan Sulfate	10,038 *	0.1	0.01	1.0	N/A	N/A	16	1.0
Endrin	9,157 *	ND (<0.01)	0.001	0.1	N/A	20	8	0.10
Endrin keytone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gamma - BHC (Lindane)	1,080	ND (<0.05)	0.0006	0.06	5.4	20	8	0.06
gamma - chlordane	140,000	0.1	0.14	14.0	0.54	5	80	0.54
Heptachlor	12,000	ND (<0.01)	0.0010	0.1	0.16	40	8	0.10
Heptachlor epoxide	220	ND (<0.01)	0.0002	0.02	0.077	0.8	8	0.02
Methoxychlor	25,637	35.0	9.0	900	N/A	400	80	***
Mitotane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Parathion	760	1.5	0.012	1.2	N/A	500	8	1.2
PCBs	17,510 *	0.1	0.1	10.0	1.0	N/A	160	1.0 (Surface) 10 (sub-surf)
Polychlorinated dibenzo-furans (PCDF)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Silvex	2,600	0.26	0.007	0.7	N/A	600	330	0.7
2,4,5-T	53	35	0.019	1.9	N/A	200	330	1.9

a Allowable Soil Concentration Cs = f x Cw x Koc

b Soil Cleanup Objective = Cs x Correction Factor (CF)

N/A Not available

* Partition coefficient is calculated by using the following equation:

log Koc = -0.55 log S + 3.64, where S is solubility in water in ppm.
Other Koc values are experimental values.

** Correction Factor (CF) of 100 is used as per TAGM #4046

*** As per TAGM #4046, Total VOCs < 10 ppm.

Note: Soil cleanup objectives are developed for soil organic carbon content (f) of 1% (5% for PCBs as per PCB Guidance Document), and should be adjusted for the actual soil organic carbon content if it is known.

TAGM 4046 Table 4 - Heavy Metals

TABLE 4
Recommended soil cleanup objectives (mg/kg or ppm)
Heavy Metals

Contaminants	Protect Water Quality (ppm)	Eastern USA Background (ppm)	* CRDL (mg/kg or ppm)	***** Rec. Soil Cleanup Objective (ppm)
Aluminum	N/A	33,000	2.0	SB
Antimony	N/A	N/A	0.6	SB
Arsenic	N/A	3-12 **	0.1	7.5 or SB
Barium	N/A	15-600	2.0	300 or SB
Beryllium	N/A	0-1.75	0.05	0.16 (HEAST) or SB
Cadmium	N/A	0.1-1	0.05	1 or SB
Calcium	N/A	130 - 35,000 **	50.0	SB
Chromium	N/A	1.5 - 40 **	0.1	10 or SB
Cobalt	N/A	2.5 - 60 **	0.5	30 or SB
Copper	N/A	1 - 50	0.25	25 or SB
Cyanide	N/A	N/A	0.1	***
Iron	N/A	2,000 - 550,000	1.0	2,000 or SB
Lead	N/A	****	0.03	SB ****
Magnesium	N/A	100 - 5,000	50.0	SB
Manganese	N/A	50 - 5,000	0.15	SB
Mercury	N/A	0.001 - 0.2	0.002	0.1
Nickel	N/A	0.5 -25	0.4	13 or SB
Potassium	N/A	8,500 - 43,000 **	50.0	SB
Selenium	N/A	0.1 - 3.9	0.05	2 or SB
Silver	N/A	N/A	0.1	SB
Sodium	N/A	6,000 - 8,000	50.0	SB
Thallium	N/A	N/A	0.1	SB
Vanadium	N/A	1-300	0.5	150 or SB
Zinc	N/A	9-50	0.2	20 or SB

Note: Some forms of metal salts such as Aluminum Phosphide, Calcium Cyanide, Potassium Cyanide, Copper cyanide, Silver cyanide, Sodium cyanide, Zinc phosphide, Thallium salts, Vanadium pentoxide and Chromium (VI) compounds are more toxic in nature. Please refer to the USEPA HEASTs database to find cleanup objectives if such metals are present in soil.

SB is site background

N/A is not available

CRDL is contract required detection limit which is approx. 10 times the CRDL for water.

** New York State background

*** Some forms of Cyanide are complex and very stable while other forms are pH dependent and hence are very unstable. Site-specific form(s) of Cyanide should be taken into consideration when establishing soil cleanup objective.

**** Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metropolitan or suburban areas or near highways are much higher and typically range from 200-500 ppm.

***** Recommended soil cleanup objectives are average background concentrations as reported in a 1984 survey of reference material by E. Carol McGovern, NYSDEC.

ATTACHMENT 4

PRELIMINARY ANALYTICAL RESULTS FOR
DUE DILIGENCE SOIL SAMPLES
COLLECTED IN SEPTEMBER 2008

Date: 09/24/08

To: Work Assignment Manager T. Johnson, EPA/ERTC

From: Yi-Hua Lin, Organic Group Leader, Analytical Section, REAC

Thru: Vinod Kansal, Analytical Section Leader, REAC

Subject: Preliminary Results of Project Circuitron WA# 0-132

Attached please find the preliminary results of the above referenced project for the following samples:

Chain(s) of Custody No.:01931, 01932

Analysis: VOC

No. of Samples: 25

Matrix: Soils

cc Raj Singhvi
Central File
Analyst: A. Vaidya

Table 1.1 Result of the Analysis for VOC in Soil
WA # 0-132 Circuitron,

Method: REAC SOP

Sample Number	Soil Blank B 091908-2		132-4405		132-4407		132-4408		132-4409	
Sample Location:			A1-15'-20'		A1-25'-30'		A2-10'-15'		A2-15'-20'	
Dilution Factor	1		1		1		1		1	
Percent_Solids	100		98		93		97		97	
File:	BV9630.D		BV9635.D		BV9639.D		BV9640.D		BV9641.D	
Analyte	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg
Dichlorodifluoromethane	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Chloromethane	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Vinyl Chloride	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Bromomethane	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Chloroethane	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Trichlorofluoromethane	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Acetone	U	20.0	U	20.4	U	21.5	U	20.6	U	20.6
1,1-Dichloroethene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Methylene Chloride	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Carbon Disulfide	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Methyl tert-Butyl Ether	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
trans-1,2-Dichloroethene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
1,1 Dichloroethane	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
2-Butanone	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
2,2-Dichloropropane	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
cis-1,2-Dichloroethene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Chloroform	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
1,1-Dichloropropene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
1,2-Dichloroethane	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
1,1,1-Trichloroethane	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Carbon Tetrachloride	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Benzene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Trichloroethene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
1,2-Dichloropropane	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Bromodichloromethane	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Dibromomethane	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
cis-1,3-Dichloropropene	U	20.0	U	20.4	U	21.5	U	20.6	U	20.6
trans-1,3-Dichloropropene	U	20.0	U	20.4	U	21.5	U	20.6	U	20.6
1,1,2-Trichloroethane	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
1,3-Dichloropropane	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Dibromochloromethane	U	20.0	U	20.4	U	21.5	U	20.6	U	20.6
1,2-Dibromoethane	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Bromoform	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
4-Methyl-2-Pentanone	U	20.0	U	20.4	U	21.5	U	20.6	U	20.6
Toluene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
2-Hexanone	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Tetrachloroethene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Chlorobenzene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
1,1,1,2-Tetrachloroethane	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Ethylbenzene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
p&m-Xylene	U	10.0	U	10.2	U	10.8	U	10.3	U	10.3
o-Xylene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Styrene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Isopropylbenzene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
1,1,2,2-Tetrachloroethane	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
1,2,3-Trichloropropane	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
n-Propylbenzene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Bromobenzene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
1,3,5-Trimethylbenzene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
2-Chlorotoluene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
4-Chlorotoluene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
tert-Butylbenzene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
1,2,4-Trimethylbenzene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
sec-Butylbenzene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
p-Isopropyltoluene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
1,3-Dichlorobenzene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
1,4-Dichlorobenzene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
n-Butylbenzene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
1,2-Dichlorobenzene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
1,2-Dibromo-3-Chloropropane	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
1,2,4-Trichlorobenzene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Hexachlorobutadiene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
Naphthalene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15
1,2,3-Trichlorobenzene	U	5.00	U	5.10	U	5.38	U	5.15	U	5.15

Table 1.1 Result of the Analysis for VOC in Soil
WA # 0-132 Circuitron,

Method: REAC SOP

Sample Number	Soil Blank B 091908-2	132-4410	132-4412
Sample Location:		A2-20'-25'	NDW3-10'-15'
Dilution Factor	1	1	1
Percent_Solids	100	97	94
File:	BV9630.D	BV9642.D	BV9644.D

Analyte	Result µg/Kg		RL µg/Kg	Result µg/Kg		RL µg/Kg	Result µg/Kg		RL µg/Kg
Dichlorodifluoromethane	U		5.00	U		5.15	U		5.32
Chloromethane	U		5.00	U		5.15	U		5.32
Vinyl Chloride	U		5.00	U		5.15	U		5.32
Bromomethane	U		5.00	U		5.15	U		5.32
Chloroethane	U		5.00	U		5.15	U		5.32
Trichlorofluoromethane	U		5.00	U		5.15	U		5.32
Acetone	U		20.0	U		20.6	U		21.3
1,1-Dichloroethene	U		5.00	U		5.15	U		5.32
Methylene Chloride	U		5.00	U		5.15	U		5.32
Carbon Disulfide	U		5.00	U		5.15	U		5.32
Methyl tert-Butyl Ether	U		5.00	U		5.15	U		5.32
trans-1,2-Dichloroethene	U		5.00	U		5.15	U		5.32
1,1 Dichloroethane	U		5.00	U		5.15	4.38	J	5.32
2-Butanone	U		5.00	U		5.15	U		5.32
2,2-Dichloropropane	U		5.00	U		5.15	U		5.32
cis-1,2-Dichloroethene	U		5.00	U		5.15	U		5.32
Chloroform	U		5.00	U		5.15	U		5.32
1,1-Dichloropropene	U		5.00	U		5.15	U		5.32
1,2-Dichloroethane	U		5.00	U		5.15	U		5.32
1,1,1-Trichloroethane	U		5.00	U		5.15	181		5.32
Carbon Tetrachloride	U		5.00	U		5.15	U		5.32
Benzene	U		5.00	U		5.15	U		5.32
Trichloroethene	U		5.00	U		5.15	U		5.32
1,2-Dichloropropane	U		5.00	U		5.15	U		5.32
Bromodichloromethane	U		5.00	U		5.15	U		5.32
Dibromomethane	U		5.00	U		5.15	U		5.32
cis-1,3-Dichloropropene	U		20.0	U		20.6	U		21.3
trans-1,3-Dichloropropene	U		20.0	U		20.6	U		21.3
1,1,2-Trichloroethane	U		5.00	U		5.15	U		5.32
1,3-Dichloropropane	U		5.00	U		5.15	U		5.32
Dibromochloromethane	U		20.0	U		20.6	U		21.3
1,2-Dibromoethane	U		5.00	U		5.15	U		5.32
Bromoform	U		5.00	U		5.15	U		5.32
4-Methyl-2-Pentanone	U		20.0	U		20.6	U		21.3
Toluene	U		5.00	U		5.15	U		5.32
2-Hexanone	U		5.00	U		5.15	U		5.32
Tetrachloroethene	U		5.00	U		5.15	3.61	J	5.32
Chlorobenzene	U		5.00	U		5.15	U		5.32
1,1,1,2-Tetrachloroethane	U		5.00	U		5.15	U		5.32
Ethylbenzene	U		5.00	U		5.15	U		5.32
p&m-Xylene	U		10.0	U		10.3	U		10.6
o-Xylene	U		5.00	U		5.15	U		5.32
Styrene	U		5.00	U		5.15	U		5.32
Isopropylbenzene	U		5.00	U		5.15	U		5.32
1,1,2,2-Tetrachloroethane	U		5.00	U		5.15	U		5.32
1,2,3-Trichloropropane	U		5.00	U		5.15	U		5.32
n-Propylbenzene	U		5.00	U		5.15	U		5.32
Bromobenzene	U		5.00	U		5.15	U		5.32
1,3,5-Trimethylbenzene	U		5.00	U		5.15	U		5.32
2-Chlorotoluene	U		5.00	U		5.15	U		5.32
4-Chlorotoluene	U		5.00	U		5.15	U		5.32
tert-Butylbenzene	U		5.00	U		5.15	U		5.32
1,2,4-Trimethylbenzene	U		5.00	U		5.15	U		5.32
sec-Butylbenzene	U		5.00	U		5.15	U		5.32
p-Isopropyltoluene	U		5.00	U		5.15	U		5.32
1,3-Dichlorobenzene	U		5.00	U		5.15	U		5.32
1,4-Dichlorobenzene	U		5.00	U		5.15	U		5.32
n-Butylbenzene	U		5.00	U		5.15	U		5.32
1,2-Dichlorobenzene	U		5.00	U		5.15	U		5.32
1,2-Dibromo-3-Chloropropane	U		5.00	U		5.15	U		5.32
1,2,4-Trichlorobenzene	U		5.00	U		5.15	U		5.32
Hexachlorobutadiene	U		5.00	U		5.15	U		5.32
Naphthalene	U		5.00	U		5.15	U		5.32
1,2,3-Trichlorobenzene	U		5.00	U		5.15	U		5.32

Table 1.1 Result of the Analysis for VOC in Soil
WA # 0-132 Circuitron,

Method: REAC SOP

Sample Number	Soil Blank B 091908-4		132-4413		132-4414		132-4415		132-4417	
Sample Location:			NDW3-15'-20'		NDW3-15'-20' DUP		NDW3-20'-25'		NDW3-25'-30' DUP	
Dilution Factor	1		2		2		1		1	
Percent_Solids	100		93		94		97		94	
File:	BV9649.D		BV9652.D		BV9653.D		BV9654.D		BV9658.D	
Analyte	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg
Dichlorodifluoromethane	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
Chloromethane	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
Vinyl Chloride	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
Bromomethane	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
Chloroethane	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
Trichlorofluoromethane	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
Acetone	U	20.0	U	43.0	17.0 J	42.6	U	20.6	U	21.3
1,1-Dichloroethene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
Methylene Chloride	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
Carbon Disulfide	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
Methyl tert-Butyl Ether	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
trans-1,2-Dichloroethene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
1,1 Dichloroethane	U	5.00	4.47 J	10.8	U	10.6	U	5.15	U	5.32
2-Butanone	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
2,2-Dichloropropane	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
cis-1,2-Dichloroethene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
Chloroform	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
1,1-Dichloropropene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
1,2-Dichloroethane	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
1,1,1-Trichloroethane	U	5.00	192	10.8	54.5	10.6	U	5.15	U	5.32
Carbon Tetrachloride	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
Benzene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
Trichloroethene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
1,2-Dichloropropane	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
Bromodichloromethane	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
Dibromomethane	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
cis-1,3-Dichloropropene	U	20.0	U	43.0	17.0 J	42.6	U	20.6	U	21.3
trans-1,3-Dichloropropene	U	20.0	U	43.0	17.0 J	42.6	U	20.6	U	21.3
1,1,2-Trichloroethane	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
1,3-Dichloropropane	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
Dibromochloromethane	U	20.0	U	43.0	17.0 J	42.6	U	20.6	U	21.3
1,2-Dibromoethane	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
Bromoform	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
4-Methyl-2-Pentanone	U	20.0	U	43.0	17.0 J	42.6	U	20.6	U	21.3
Toluene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
2-Hexanone	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
Tetrachloroethene	U	5.00	4.15 J	10.8	U	10.6	U	5.15	U	5.32
Chlorobenzene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
1,1,1,2-Tetrachloroethane	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
Ethylbenzene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
p&m-Xylene	U	10.0	U	21.5	U	21.3	U	10.3	U	10.6
o-Xylene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
Styrene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
Isopropylbenzene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
1,1,2,2-Tetrachloroethane	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
1,2,3-Trichloropropane	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
n-Propylbenzene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
Bromobenzene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
1,3,5-Trimethylbenzene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
2-Chlorotoluene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
4-Chlorotoluene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
tert-Butylbenzene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
1,2,4-Trimethylbenzene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
sec-Butylbenzene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
p-Isopropyltoluene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
1,3-Dichlorobenzene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
1,4-Dichlorobenzene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
n-Butylbenzene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
1,2-Dichlorobenzene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
1,2-Dibromo-3-Chloropropane	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
1,2,4-Trichlorobenzene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
Hexachlorobutadiene	U	5.00	U	10.8	U	10.6	U	5.15	U	5.32
Naphthalene	U	5.00	3.33 J	10.8	U	10.6	U	5.15	U	5.32
1,2,3-Trichlorobenzene	U	5.00	2.95 J	10.8	U	10.6	U	5.15	U	5.32

Table 1.1 Result of the Analysis for VOC in Soil
WA # 0-132 Circuitron,

Method: REAC SOP

Sample Number	Soil Blank B 091908-4		132-4418		132-4419		132-4420		132-4421	
Sample Location:			A3-10'-15'		A3-15'-20'		A3-20'-25'		A3-25'-30'	
Dilution Factor	1		1		1		1		1	
Percent_Solids	100		97		97		93		90	
File:	BV9649.D		BV9659.D		BV9660.D		BV9661.D		BV9662.D	
Analyte	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg
Dichlorodifluoromethane	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Chloromethane	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Vinyl Chloride	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Bromomethane	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Chloroethane	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Trichlorofluoromethane	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Acetone	U	20.0	U	20.6	U	20.6	U	21.5	U	22.2
1,1-Dichloroethene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Methylene Chloride	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Carbon Disulfide	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Methyl tert-Butyl Ether	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
trans-1,2-Dichloroethene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
1,1 Dichloroethane	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
2-Butanone	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
2,2-Dichloropropane	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
cis-1,2-Dichloroethene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Chloroform	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
1,1-Dichloropropene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
1,2-Dichloroethane	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
1,1,1-Trichloroethane	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Carbon Tetrachloride	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Benzene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Trichloroethene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
1,2-Dichloropropane	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Bromodichloromethane	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Dibromomethane	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
cis-1,3-Dichloropropene	U	20.0	U	20.6	U	20.6	U	21.5	U	22.2
trans-1,3-Dichloropropene	U	20.0	U	20.6	U	20.6	U	21.5	U	22.2
1,1,2-Trichloroethane	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
1,3-Dichloropropane	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Dibromochloromethane	U	20.0	U	20.6	U	20.6	U	21.5	U	22.2
1,2-Dibromoethane	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Bromoform	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
4-Methyl-2-Pentanone	U	20.0	U	20.6	U	20.6	U	21.5	U	22.2
Toluene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
2-Hexanone	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Tetrachloroethene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Chlorobenzene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
1,1,1,2-Tetrachloroethane	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Ethylbenzene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
p&m-Xylene	U	10.0	U	10.3	U	10.3	U	10.8	U	11.1
o-Xylene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Styrene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Isopropylbenzene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
1,1,2,2-Tetrachloroethane	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
1,2,3-Trichloropropane	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
n-Propylbenzene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Bromobenzene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
1,3,5-Trimethylbenzene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
2-Chlorotoluene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
4-Chlorotoluene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
tert-Butylbenzene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
1,2,4-Trimethylbenzene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
sec-Butylbenzene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
p-Isopropyltoluene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
1,3-Dichlorobenzene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
1,4-Dichlorobenzene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
n-Butylbenzene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
1,2-Dichlorobenzene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
1,2-Dibromo-3-Chloropropane	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
1,2,4-Trichlorobenzene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Hexachlorobutadiene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
Naphthalene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56
1,2,3-Trichlorobenzene	U	5.00	U	5.15	U	5.15	U	5.38	U	5.56

Table 1.1 Result of the Analysis for VOC in Soil
WA # 0-132 Circuitron.

Method: REAC SOP

Sample Number	Soil Blank B 091908-4		132-4422		132-4423	
Sample Location:			RS-10'-15'		RS-15'-20'	
Dilution Factor	1		1		1	
Percent_Solids	100		99		96	
File:	BV9649.D		BV9663.D		BV9664.D	
Analyte	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg
Dichlorodifluoromethane	U	5.00	U	5.05	U	5.10
Chloromethane	U	5.00	U	5.05	U	5.10
Vinyl Chloride	U	5.00	U	5.05	U	5.10
Bromomethane	U	5.00	U	5.05	U	5.10
Chloroethane	U	5.00	U	5.05	U	5.10
Trichlorofluoromethane	U	5.00	U	5.05	U	5.10
Acetone	U	20.0	U	20.2	U	20.4
1,1-Dichloroethene	U	5.00	U	5.05	U	5.10
Methylene Chloride	U	5.00	U	5.05	U	5.10
Carbon Disulfide	U	5.00	U	5.05	U	5.10
Methyl tert-Butyl Ether	U	5.00	U	5.05	U	5.10
trans-1,2-Dichloroethene	U	5.00	U	5.05	U	5.10
1,1 Dichloroethane	U	5.00	U	5.05	U	5.10
2-Butanone	U	5.00	U	5.05	U	5.10
2,2-Dichloropropane	U	5.00	U	5.05	U	5.10
cis-1,2-Dichloroethene	U	5.00	U	5.05	U	5.10
Chloroform	U	5.00	U	5.05	U	5.10
1,1-Dichloropropane	U	5.00	U	5.05	U	5.10
1,2-Dichloroethane	U	5.00	U	5.05	U	5.10
1,1,1-Trichloroethane	U	5.00	U	5.05	U	5.10
Carbon Tetrachloride	U	5.00	U	5.05	U	5.10
Benzene	U	5.00	U	5.05	U	5.10
Trichloroethene	U	5.00	U	5.05	U	5.10
1,2-Dichloropropane	U	5.00	U	5.05	U	5.10
Bromodichloromethane	U	5.00	U	5.05	U	5.10
Dibromomethane	U	5.00	U	5.05	U	5.10
cis-1,3-Dichloropropene	U	20.0	U	20.2	U	20.4
trans-1,3-Dichloropropene	U	20.0	U	20.2	U	20.4
1,1,2-Trichloroethane	U	5.00	U	5.05	U	5.10
1,3-Dichloropropane	U	5.00	U	5.05	U	5.10
Dibromochloromethane	U	20.0	U	20.2	U	20.4
1,2-Dibromoethane	U	5.00	U	5.05	U	5.10
Bromoform	U	5.00	U	5.05	U	5.10
4-Methyl-2-Pentanone	U	20.0	U	20.2	U	20.4
Toluene	U	5.00	U	5.05	U	5.10
2-Hexanone	U	5.00	U	5.05	U	5.10
Tetrachloroethene	U	5.00	U	5.05	U	5.10
Chlorobenzene	U	5.00	U	5.05	U	5.10
1,1,1,2-Tetrachloroethane	U	5.00	U	5.05	U	5.10
Ethylbenzene	U	5.00	U	5.05	U	5.10
p&m-Xylene	U	10.0	U	10.1	U	10.2
o-Xylene	U	5.00	U	5.05	U	5.10
Styrene	U	5.00	U	5.05	U	5.10
Isopropylbenzene	U	5.00	U	5.05	U	5.10
1,1,2,2-Tetrachloroethane	U	5.00	U	5.05	U	5.10
1,2,3-Trichloropropane	U	5.00	U	5.05	U	5.10
n-Propylbenzene	U	5.00	U	5.05	U	5.10
Bromobenzene	U	5.00	U	5.05	U	5.10
1,3,5-Trimethylbenzene	U	5.00	U	5.05	U	5.10
2-Chlorotoluene	U	5.00	U	5.05	U	5.10
4-Chlorotoluene	U	5.00	U	5.05	U	5.10
tert-Butylbenzene	U	5.00	U	5.05	U	5.10
1,2,4-Trimethylbenzene	U	5.00	U	5.05	U	5.10
sec-Butylbenzene	U	5.00	U	5.05	U	5.10
p-Isopropyltoluene	U	5.00	U	5.05	U	5.10
1,3-Dichlorobenzene	U	5.00	U	5.05	U	5.10
1,4-Dichlorobenzene	U	5.00	U	5.05	U	5.10
n-Butylbenzene	U	5.00	U	5.05	U	5.10
1,2-Dichlorobenzene	U	5.00	U	5.05	U	5.10
1,2-Dibromo-3-Chloropropane	U	5.00	U	5.05	U	5.10
1,2,4-Trichlorobenzene	U	5.00	U	5.05	U	5.10
Hexachlorobutadiene	U	5.00	U	5.05	U	5.10
Naphthalene	U	5.00	U	5.05	U	5.10
1,2,3-Trichlorobenzene	U	5.00	U	5.05	U	5.10

Table 1.1 Result of the Analysis for VOC in Soil
WA # 0-132 Circuitron,

Method: REAC SOP

Sample Number	Soil Blank B 092208-2	132-4404	132-4408	132-4411	132-4416
Sample Location:		A1-10'-15'	A1-20'-25'	A2-25'-30'	NDW3-25'-30'
Dilution Factor	1	1	1	1	1
Percent_Solids	100	96	98	86	94
File:	BV9695.D	BV9698.D	BV9701.D	BV9702.D	BV9704.D

Analyte	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg
Dichlorodifluoromethane	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Chloromethane	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Vinyl Chloride	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Bromomethane	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Chloroethane	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Trichlorofluoromethane	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Acetone	U	20.0	U	20.8	U	20.4	U	23.3	6.65 J	21.3
1,1-Dichloroethene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Methylene Chloride	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Carbon Disulfide	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Methyl tert-Butyl Ether	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
trans-1,2-Dichloroethene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
1,1 Dichloroethane	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
2-Butanone	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
2,2-Dichloropropane	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
cis-1,2-Dichloroethene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Chloroform	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
1,1-Dichloropropene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
1,2-Dichloroethane	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
1,1,1-Trichloroethane	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Carbon Tetrachloride	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Benzene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Trichloroethene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
1,2-Dichloropropane	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Bromodichloromethane	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Dibromomethane	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
cis-1,3-Dichloropropene	U	20.0	U	20.8	U	20.4	U	23.3	U	21.3
trans-1,3-Dichloropropene	U	20.0	U	20.8	U	20.4	U	23.3	U	21.3
1,1,2-Trichloroethane	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
1,3-Dichloropropane	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Dibromochloromethane	U	20.0	U	20.8	U	20.4	U	23.3	U	21.3
1,2-Dibromoethane	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Bromoform	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
4-Methyl-2-Pentanone	U	20.0	U	20.8	U	20.4	U	23.3	U	21.3
Toluene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
2-Hexanone	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Tetrachloroethene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Chlorobenzene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
1,1,1,2-Tetrachloroethane	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Ethylbenzene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
p&m-Xylene	U	10.0	U	10.4	U	10.2	U	11.6	U	10.6
o-Xylene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Styrene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Isopropylbenzene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
1,1,2,2-Tetrachloroethane	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
1,2,3-Trichloropropane	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
n-Propylbenzene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Bromobenzene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
1,3,5-Trimethylbenzene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
2-Chlorotoluene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
4-Chlorotoluene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
tert-Butylbenzene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
1,2,4-Trimethylbenzene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
sec-Butylbenzene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
p-Isopropyltoluene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
1,3-Dichlorobenzene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
1,4-Dichlorobenzene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
n-Butylbenzene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
1,2-Dichlorobenzene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
1,2-Dibromo-3-Chloropropane	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
1,2,4-Trichlorobenzene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Hexachlorobutadiene	U	5.00	U	5.21	U	5.10	U	5.81	U	5.32
Naphthalene	U	5.00	1.48 J	5.21	U	5.10	U	5.81	U	5.32
1,2,3-Trichlorobenzene	U	5.00	1.41 J	5.21	U	5.10	U	5.81	U	5.32

Table 1.1 Result of the Analysis for VOC in Soil
WA # 0-132 Circuitron.

Method: REAC SOP

Sample Number	Soil Blank B 092308-2		132-4424		132-4425		132-4426		132-4427	
Sample Location:			RS-20'-25'		RS-25'-30'		NDW2-0-6"A		NDW2-0-6"B	
Dilution Factor	1		1		1		1		1	
Percent_Solids	100		97		92		86		90	
File:	BV9712.D		BV9713.D		BV9714.D		BV9715.D		BV9716.D	
Analyte	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg
Dichlorodifluoromethane	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Chloromethane	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Vinyl Chloride	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Bromomethane	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Chloroethane	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Trichlorofluoromethane	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Acetone	U	20.0	U	20.6	U	21.7	U	23.3	U	22.2
1,1-Dichloroethene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Methylene Chloride	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Carbon Disulfide	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Methyl tert-Butyl Ether	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
trans-1,2-Dichloroethene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
1,1 Dichloroethane	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
2-Butanone	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
2,2-Dichloropropane	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
cis-1,2-Dichloroethene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Chloroform	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
1,1-Dichloropropene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
1,2-Dichloroethane	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
1,1,1-Trichloroethane	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Carbon Tetrachloride	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Benzene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Trichloroethene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
1,2-Dichloropropane	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Bromodichloromethane	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Dibromomethane	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
cis-1,3-Dichloropropene	U	20.0	U	20.6	U	21.7	U	23.3	U	22.2
trans-1,3-Dichloropropene	U	20.0	U	20.6	U	21.7	U	23.3	U	22.2
1,1,2-Trichloroethane	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
1,3-Dichloropropane	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Dibromochloromethane	U	20.0	U	20.6	U	21.7	U	23.3	U	22.2
1,2-Dibromoethane	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Bromoform	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
4-Methyl-2-Pentanone	U	20.0	U	20.6	U	21.7	U	23.3	U	22.2
Toluene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
2-Hexanone	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Tetrachloroethene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Chlorobenzene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
1,1,1,2-Tetrachloroethane	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Ethylbenzene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
p&m-Xylene	U	10.0	U	10.3	U	10.9	U	11.6	U	11.1
o-Xylene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Styrene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Isopropylbenzene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
1,1,2,2-Tetrachloroethane	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
1,2,3-Trichloropropane	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
n-Propylbenzene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Bromobenzene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
1,3,5-Trimethylbenzene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
2-Chlorotoluene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
4-Chlorotoluene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
tert-Butylbenzene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
1,2,4-Trimethylbenzene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
sec-Butylbenzene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
p-Isopropyltoluene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
1,3-Dichlorobenzene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
1,4-Dichlorobenzene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
n-Butylbenzene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
1,2-Dichlorobenzene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
1,2-Dibromo-3-Chloropropane	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
1,2,4-Trichlorobenzene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Hexachlorobutadiene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
Naphthalene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56
1,2,3-Trichlorobenzene	U	5.00	U	5.15	U	5.43	U	5.81	U	5.56

Table 1.1 Result of the Analysis for VOC in Soil
WA # 0-132 Circuitron,

Method: REAC SOP

Sample Number	Soil Blank B 092308-2		132-4428	
Sample Location:			NDW2-0-6"C	
Dilution Factor	1		1	
Percent_Solids	100		57	
File:	BV9712.D		BV9717.D	
Analyte	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg
Dichlorodifluoromethane	U	5.00	U	8.77
Chloromethane	U	5.00	U	8.77
Vinyl Chloride	U	5.00	U	8.77
Bromomethane	U	5.00	U	8.77
Chloroethane	U	5.00	U	8.77
Trichlorofluoromethane	U	5.00	U	8.77
Acetone	U	20.0	U	35.1
1,1-Dichloroethene	U	5.00	U	8.77
Methylene Chloride	U	5.00	U	8.77
Carbon Disulfide	U	5.00	U	8.77
Methyl tert-Butyl Ether	U	5.00	U	8.77
trans-1,2-Dichloroethene	U	5.00	U	8.77
1,1 Dichloroethane	U	5.00	U	8.77
2-Butanone	U	5.00	U	8.77
2,2-Dichloropropane	U	5.00	U	8.77
cis-1,2-Dichloroethene	U	5.00	U	8.77
Chloroform	U	5.00	U	8.77
1,1-Dichloropropene	U	5.00	U	8.77
1,2-Dichloroethane	U	5.00	U	8.77
1,1,1-Trichloroethane	U	5.00	U	8.77
Carbon Tetrachloride	U	5.00	U	8.77
Benzene	U	5.00	U	8.77
Trichloroethene	U	5.00	U	8.77
1,2-Dichloropropane	U	5.00	U	8.77
Bromodichloromethane	U	5.00	U	8.77
Dibromomethane	U	5.00	U	8.77
cis-1,3-Dichloropropene	U	20.0	U	35.1
trans-1,3-Dichloropropene	U	20.0	U	35.1
1,1,2-Trichloroethane	U	5.00	U	8.77
1,3-Dichloropropane	U	5.00	U	8.77
Dibromochloromethane	U	20.0	U	35.1
1,2-Dibromoethane	U	5.00	U	8.77
Bromoform	U	5.00	U	8.77
4-Methyl-2-Pentanone	U	20.0	U	35.1
Toluene	U	5.00	U	8.77
2-Hexanone	U	5.00	U	8.77
Tetrachloroethene	U	5.00	U	8.77
Chlorobenzene	U	5.00	U	8.77
1,1,1,2-Tetrachloroethane	U	5.00	U	8.77
Ethylbenzene	U	5.00	U	8.77
p&m-Xylene	U	10.0	U	17.5
o-Xylene	U	5.00	U	8.77
Styrene	U	5.00	U	8.77
Isopropylbenzene	U	5.00	U	8.77
1,1,2,2-Tetrachloroethane	U	5.00	U	8.77
1,2,3-Trichloropropane	U	5.00	U	8.77
n-Propylbenzene	U	5.00	U	8.77
Bromobenzene	U	5.00	U	8.77
1,3,5-Trimethylbenzene	U	5.00	U	8.77
2-Chlorotoluene	U	5.00	U	8.77
4-Chlorotoluene	U	5.00	U	8.77
tert-Butylbenzene	U	5.00	U	8.77
1,2,4-Trimethylbenzene	U	5.00	U	8.77
sec-Butylbenzene	U	5.00	U	8.77
p-Isopropyltoluene	U	5.00	U	8.77
1,3-Dichlorobenzene	U	5.00	U	8.77
1,4-Dichlorobenzene	U	5.00	U	8.77
n-Butylbenzene	U	5.00	U	8.77
1,2-Dichlorobenzene	U	5.00	U	8.77
1,2-Dibromo-3-Chloropropane	U	5.00	U	8.77
1,2,4-Trichlorobenzene	U	5.00	U	8.77
Hexachlorobutadiene	U	5.00	U	8.77
Naphthalene	U	5.00	U	8.77
1,2,3-Trichlorobenzene	U	5.00	U	8.77

REAC, Edison, NJ
(732) 321-4200
EPA Contract ~~68-C99-223~~ EP-C-04-032 Dup

CHAIN OF CUSTODY RECORD

Project Name: CIRCUITRON
Project Number: 0-132
LM Contact: DAN PATEL Phone: ~~732~~ 732-321-4257 609-865-9315

No: 01931
Sheet 01 of 01 (Do not copy)
(for addnl. samples use new form)

Sample Identification							Analyses Requested				
REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	VOC	TAL METALS *			TIME
17699	132-4404	A1-10'-15'	Soil	9/9/08	1	40z WM JAR/4°C	X				~~1435~~
17700	132-4405	A1-15'-20'		9/9/08	1		X				1535
17701	132-4406	A1-20'-25'		9/10/08	1		X				1515
17702	132-4407	A1-25'-30'		9/10/08	1		X				1535
17703	132-4408	A2-10'-15'		9/9/08	1		X				1605
17704	132-4409	A2-15'-20'		9/9/08	1		X				1620
17705	132-4410	A2-20'-25'		9/9/08	1		X				~~1640~~ AM
17706	132-4411	A2-25'-30'		9/9/08	1		X				~~1655~~ AM
17707	132-4412	NDW3-10'-15'		9/9/08	1		X				1735
17708	132-4413	NDW3-15-20'		9/9/08	2		X	X			1755
17709	132-4414	NDW3-15-20'DUP		9/9/08	1		X				1755
17710	132-4415	NDW3-20'-25'		9/9/08	1		X				1825
17711	132-4416	NDW3-25'-30'		9/9/08	2		X	X			1845
17712	132-4417	NDW3-25'-30'DUP		9/9/08	1		X				1845
17713	132-4418	A3-10'-15'		9/10/08	1		X				0810
17714	132-4419	A3-15'-20'		9/10/08	1		X				0825
17715	132-4420	A3-20'-25'		9/10/08	1		X				0845
17716	132-4421	A3-25'-30'		9/10/08	1		X				1005
17717	132-4422	RS-10'-15'		9/10/08	1		X				1605

Matrix:

A- Air	PW- Potable Water
AT-Animal Tissue	S- Soil
DL- Drum Liquids	SD- Sediment
DS- Drum Solids	SL- Sludge
GW- Groundwater	SW- Surface Water
O- Oil	TX-TCLP Extract
PR-Product	W- Water
PT-Plant Tissue	X- Other

Special Instructions:

* Donot analyze for Hg
No estimated conc. for VOCs known for these samples.

Received 2°C JM 9/11/08

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished by	Date	Received by	Date	Time
Analysis	Dan Patel	9/11/08	Tommy Provost	9/11/08	14:50	2/Metals Analysis	Tommy Provost	9/11/08	~~MAB~~ Shuttle	9/11/08	13:40
All VOC/Analysis	Tommy Provost	9/11/08	J. Nemeth	9-11-08	16:20						

☆ U.S. GPO: 2000-521-151

REAC, Edison, NJ
(732) 321-4200
EPA Contract ~~68-C99-223~~ EP-C-04-032

Draft

CHAIN OF CUSTODY RECORD

Project Name: CIRCUITRON
Project Number: 0-132
LM Contact: DAN PATEL Phone: 732-321-4257
609-865-9315

No: 01932
Sheet 01 of 01 (Do not copy)
(for addnl. samples use new form)

Sample Identification / **Analyses Requested**

REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	VOCs	TAL Metals *			TIME
17718	132-4423	RS-15'-20'	SOIL	9/10/08	1	4oz WM / 4°C	X				1620
17719	132-4424	RS-20'-25'	↓	9/10/08	1	↓	X				1635
17720	132-4425	RS-25'-30'		9/10/08	2		X	X			1655
17721	132-4426	NDW2-0-6"A		9/10/08	2		X	X			1730
17722	132-4427	NDW2-0-6"B		9/10/08	1		X				1735
17723	132-4428	NDW2-0-6"C	↓	9/10/08	1	↓	X				1740

Matrix:

A- Air	PW- Potable Water
AT-Animal Tissue	S- Soil
DL- Drum Liquids	SD- Sediment
DS- Drum Solids	SL- Sludge
GW- Groundwater	SW- Surface Water
O- Oil	TX-TCLP Extract
PR-Product	W- Water
PT-Plant Tissue	X- Other

Special Instructions:

* Do not analyze for Hg
No estimated conc. for VOCs known for these samples.

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

Received 2°C JM 9/11/08

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished by	Date	Received by	Date	Time
Analysis	Draft	9/11/08	Jimmy Mathew	9/11/08	15:50	2/Metals Analysis	Jimmy Mathew	9/11/08	[illegible]	9/11/08	15:40
All VOC Analysis	Jimmy Mathew	9/11/08	[illegible]	9-11-08	16:00						

☆ U.S. GPO: 2000-521-151

Lockheed Martin Technology Services Group
Environmental Services REAC
2890 Woodbridge Avenue, Building 209 Annex Edison, NJ 08837-3679
Telephone 732-321-4200 Facsimile 732-494-4021

LOCKHEED MARTIN

DATE: 09/23/2008

TO: Mr. Raj Singhvi, U. S. EPA/ERT

Thru: Vinod Kansal, Analytical Section Leader, REAC Vinod Kansal

FROM: Jay Patel, Inorganic Group Leader, REAC Jay Patel

SUBJECT: Preliminary Results of Project: CIRCUITRON SITE1 WA# EAC00132

Attached please find the preliminary results of the above referenced project for the following samples.

NO QC EVALUATION/VALIDATION HAS BEEN PERFORMED
DATA VALIDITY IS UNSUBSTANTIATED
AND THE DATA SHOULD BE USED WITH DISCRETION

Chain of Custody No.	# of samples	Matrix	Analyses
01931	2	Soil	TAL metals (No Hg)
01932	2	↓	↓

CC: Central File # EAC00132

Vinod Kansal — Analytical Section Leader, REAC

T. Johnson — Work Assignment Manager, U. S. EPA/ERT

D. Patel — Task Leader, REAC

L. Martin, — Hazardous Waste Co-ordinator, REAC

Method REAC SOP 1811

Table 1.x (cont.) Results of the Analysis for Metals in Soil
WA # 0-132 Circultron site
Results Based on Dry Weight
NO QC EVALUATION / VALIDATION HAS BEEN PERFORMED

Sample No.	Method Blank-091208		132-4413		132-4416		132-4425		132-4426	
Location	Lab		NDW3-15-20'		NDW3-25'-30'		RS-25'-30'		NDW2-0-6"A	
% Solids	NA		91		81		88		85	
Analyte	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg
Aluminum	U	20.0	4930	19.1	267	18.7	704	16.5	3130	19.6
Antimony	U	1.40	U	1.34	U	1.31	U	1.15	3.61	1.37
Arsenic	U	1.50	3.36	1.43	U	1.40	1.36	1.24	3.46	1.47
Barium	U	0.400	26.4	0.382	2.21	0.374	9.42	0.329	31.3	0.392
Beryllium	U	0.300	U	0.287	U	0.281	U	0.247	U	0.294
Cadmium	U	0.400	U	0.382	U	0.374	U	0.329	1.01	0.392
Calcium	U	9.90	26200	9.46	49.9	9.26	43.3	8.15	4390	9.71
Chromium	U	0.500	9.60	0.478	2.21	0.468	4.70	0.412	14.6	0.490
Cobalt	U	0.400	4.76	0.382	U	0.374	1.63	0.329	1.52	0.392
Copper	U	0.400	30.7	0.382	69.1	0.374	42.0	0.329	2600	0.392
Iron	U	15.0	9270	14.3	1540	14.0	3610	12.4	8080	14.7
Lead	U	1.00	75.7	0.956	25.0	0.935	14.3	0.823	240	0.980
Magnesium	U	20.0	4860	19.1	97.2	18.7	156	16.5	2130	19.6
Manganese	U	0.400	134	0.382	9.09	0.374	98.4	0.329	42.6	0.392
Nickel	U	0.600	10.3	0.573	0.743	0.561	2.01	0.494	10.5	0.588
Potassium	U	25.0	569	23.9	56.9	23.4	122	20.6	226	24.5
Selenium	U	1.30	U	1.24	U	1.22	U	1.07	U	1.27
Silver	U	0.500	U	0.478	5.01	0.468	U	0.412	4.52	0.490
Sodium	U	100	256	95.6	U	93.5	U	82.3	U	98.0
Thallium	U	1.80	U	1.72	U	1.68	U	1.48	U	1.76
Vanadium	U	0.400	32.6	0.382	1.48	0.374	4.30	0.329	17.9	0.392
Zinc	U	3.10	36.7	2.96	U	2.90	7.92	2.55	139	3.04

RL denotes Reporting Limit
U denotes Not Detected

Preliminary Results
Data Not Validated

REAC, Edison, NJ
(732) 321-4200
EPA Contract ~~68-C99-223~~ EP-C-04-032 Dup

CHAIN OF CUSTODY RECORD

Project Name: CIRCUITRON
Project Number: 0-132
LM Contact: DAN PATEL Phone: ~~732~~ 732-321-4257 609-865-9315

No: 01931
Sheet 01 of 01 (Do not copy)
(for addnl. samples use new form)

Sample Identification | **Analyses Requested**

REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	VOC	TAL METALS *			Time
17699	132-4404	A1-10'-15'	Soil	9/9/08	1	40z WM JAR/4°C	X				1435
17700	132-4405	A1-15'-20'		9/9/08	1		X				1535
17701	132-4406	A1-20'-25'		9/10/08	1		X				1515
17702	132-4407	A1-25'-30'		9/10/08	1		X				1535
17703	132-4408	A2-10'-15'		9/9/08	1		X				1605
17704	132-4409	A2-15'-20'		9/9/08	1		X				1620
17705	132-4410	A2-20'-25'		9/9/08	1		X				1640 R
17706	132-4411	A2-25'-30'		9/9/08	1		X				1655 R
17707	132-4412	NDW3-10'-15'		9/9/08	1		X				1735
17708	132-4413	NDW3-15-20'		9/9/08	2		X	X			1755
17709	132-4414	NDW3-15-20'DUP		9/9/08	1		X				1755
17710	132-4415	NDW3-20'-25'		9/9/08	1		X				1825
17711	132-4416	NDW3-25'-30'		9/9/08	2		X	X			1845
17712	132-4417	NDW3-25'-30'DUP		9/9/08	1		X				1845
17713	132-4418	A3-10'-15'		9/10/08	1		X				0810
17714	132-4419	A3-15'-20'		9/10/08	1		X				0825
17715	132-4420	A3-20'-25'		9/10/08	1		X				0845
17716	132-4421	A3-25'-30'		9/10/08	1		X				1005
17717	132-4422	RS-10'-15'		9/10/08	1		X				1605

Matrix:

A- Air	PW- Potable Water
AT-Animal Tissue	S- Soil
DL- Drum Liquids	SD- Sediment
DS- Drum Solids	SL- Sludge
GW- Groundwater	SW- Surface Water
O- Oil	TX-TCLP Extract
PR-Product	W- Water
PT-Plant Tissue	X- Other

Special Instructions:

* Donot analyze for Hg
R No estimated conc. for VOCs. known for these samples.

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

Received 2°C JM 9/11/08

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished by	Date	Received by	Date	Time
Analysis	Dan Patel	9/11/08	Tommy Garcia	9/11/08	14:50	2/Metals Analysis	Tommy Garcia	9/11/08	A/A Shuttle	9/11/08	15:40

REAC, Edison, NJ
(732) 321-4200
EPA Contract ~~68-C99-223~~ EP-C-04-032 Amd

CHAIN OF CUSTODY RECORD

Project Name: CIRCUITRON
Project Number: 0-132
LM Contact: DAN PATEL Phone: 732-321-4257
609-865-9315

No: 01932
Sheet 01 of 01 (Do not copy)
(for addnl. samples use new form)

Sample Identification

REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	Analyses Requested: VOCs	TAL Metals *			TIME
17718	132-4423	RS-15'-20'	SOIL	9/10/08	1	4oz Wm / 4°C	X				1620
17719	132-4424	RS-20'-25'	↓	9/10/08	1	↓	X				1635
17720	132-4425	RS-25'-30'		9/10/08	2		X	X			1655
17721	132-4426	NDW2-0-6"A		9/10/08	2		X	X			1730
17722	132-4427	NDW2-0-6"B		9/10/08	1		X				1735
17723	132-4428	NDW2-0-6"C	↓	9/10/08	1	↓	X				1740

Matrix:

A- Air	PW- Potable Water
AT-Animal Tissue	S- Soil
DL- Drum Liquids	SD- Sediment
DS- Drum Solids	SL- Sludge
GW- Groundwater	SW- Surface Water
O- Oil	TX-TCLP Extract
PR-Product	W- Water
PT-Plant Tissue	X- Other

Special Instructions:

* Do not analyze for Hg
No estimated conc. for VOCs known for these samples.

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

Received 2°C JM 9/11/08

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished by	Date	Received by	Date	Time
Analysis	DanPatel	9/11/08	Jimmy Thomas	9/11/08	15:50	2/Metals Analysis	Jimmy Thomas	9/11/08	[illegible]	9/11/08	15:40

ATTACHMENT 5

PRELIMINARY ANALYTICAL RESULTS FOR
DUE DILIGENCE SOIL SAMPLES
COLLECTED IN DECEMBER 2008

Date: 12/18/08

To: Work Assignment Manager T. Johnson, EPA/ERTC

From: Yi-Hua Lin, Organic Group Leader, Analytical Section, REAC

Thru: Vinod Kansal, Analytical Section Leader, REAC

Subject: Preliminary Results of Project Circuitron WA# 0-132

Attached please find the preliminary results of the above referenced project for the following samples:

Chain(s) of Custody No.: 02159

Analysis: VOC

No. of Samples: 10

Matrix: Soils

cc Raj Singhvi
Central File
Analyst: A. Vaidya

Table 1.1 Result of the Analysis for VOC in Soil
WA # 0-132 Circuitron,

Method: REAC SOP 1807

Sample Number	Soil Blank C 121708-1		132-4437		132-4438	
Sample Location:			NDW2-25'-30'		NDW2-25'-30' dup	
Dilution Factor	1		1		1	
Percent_Solids	100		90		93	
File:	CV0446.D		CV0457.D		CV0458.D	
Analyte	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg
Dichlorodifluoromethane	U	5.00	U	5.56	U	5.38
Chloromethane	U	5.00	U	5.56	U	5.38
Vinyl Chloride	U	5.00	U	5.56	U	5.38
Bromomethane	U	5.00	U	5.56	U	5.38
Chloroethane	U	5.00	U	5.56	U	5.38
Trichlorofluoromethane	U	5.00	U	5.56	U	5.38
Acetone	U	20.0	U	22.2	U	21.5
1,1-Dichloroethene	U	5.00	U	5.56	U	5.38
Methylene Chloride	U	5.00	U	5.56	U	5.38
Carbon Disulfide	U	5.00	U	5.56	U	5.38
Methyl tert-Butyl Ether	U	5.00	U	5.56	U	5.38
trans-1,2-Dichloroethene	U	5.00	U	5.56	U	5.38
1,1 Dichloroethane	U	5.00	U	5.56	U	5.38
2-Butanone	U	5.00	U	5.56	U	5.38
2,2-Dichloropropane	U	5.00	U	5.56	U	5.38
cis-1,2-Dichloroethene	U	5.00	U	5.56	U	5.38
Chloroform	U	5.00	U	5.56	U	5.38
1,1-Dichloropropene	U	5.00	U	5.56	U	5.38
1,2-Dichloroethane	U	5.00	U	5.56	U	5.38
1,1,1-Trichloroethane	U	5.00	U	5.56	U	5.38
Carbon Tetrachloride	U	5.00	U	5.56	U	5.38
Benzene	U	5.00	U	5.56	U	5.38
Trichloroethene	U	5.00	U	5.56	U	5.38
1,2-Dichloropropane	U	5.00	U	5.56	U	5.38
Bromodichloromethane	U	5.00	U	5.56	U	5.38
Dibromomethane	U	5.00	U	5.56	U	5.38
cis-1,3-Dichloropropene	U	5.00	U	5.56	U	5.38
trans-1,3-Dichloropropene	U	5.00	U	5.56	U	5.38
1,1,2-Trichloroethane	U	5.00	U	5.56	U	5.38
1,3-Dichloropropane	U	5.00	U	5.56	U	5.38
Dibromochloromethane	U	5.00	U	5.56	U	5.38
1,2-Dibromoethane	U	5.00	U	5.56	U	5.38
Bromoform	U	5.00	U	5.56	U	5.38
4-Methyl-2-Pentanone	U	5.00	U	5.56	U	5.38
Toluene	U	5.00	U	5.56	U	5.38
2-Hexanone	U	5.00	U	5.56	U	5.38
Tetrachloroethene	U	5.00	U	5.56	U	5.38
Chlorobenzene	U	5.00	U	5.56	U	5.38
1,1,1,2-Tetrachloroethane	U	5.00	U	5.56	U	5.38
Ethylbenzene	U	5.00	U	5.56	U	5.38
p&m-Xylene	U	10.0	U	11.1	U	10.8
o-Xylene	U	5.00	U	5.56	U	5.38
Styrene	U	5.00	U	5.56	U	5.38
Isopropylbenzene	U	5.00	U	5.56	U	5.38
1,1,2,2-Tetrachloroethane	U	5.00	U	5.56	U	5.38
1,2,3-Trichloropropane	U	5.00	U	5.56	U	5.38
n-Propylbenzene	U	5.00	U	5.56	U	5.38
Bromobenzene	U	5.00	U	5.56	U	5.38
1,3,5-Trimethylbenzene	U	5.00	U	5.56	U	5.38
2-Chlorotoluene	U	5.00	U	5.56	U	5.38
4-Chlorotoluene	U	5.00	U	5.56	U	5.38
tert-Butylbenzene	U	5.00	U	5.56	U	5.38
1,2,4-Trimethylbenzene	U	5.00	U	5.56	U	5.38
sec-Butylbenzene	U	5.00	U	5.56	U	5.38
p-isopropyltoluene	U	5.00	U	5.56	U	5.38
1,3-Dichlorobenzene	U	5.00	U	5.56	U	5.38
1,4-Dichlorobenzene	U	5.00	U	5.56	U	5.38
n-Butylbenzene	U	5.00	U	5.56	U	5.38
1,2-Dichlorobenzene	U	5.00	U	5.56	U	5.38
1,2-Dibromo-3-Chloropropane	U	5.00	U	5.56	U	5.38
1,2,4-Trichlorobenzene	U	5.00	U	5.56	U	5.38
Hexachlorobutadiene	U	5.00	U	5.56	U	5.38
Naphthalene	U	5.00	U	5.56	U	5.38
1,2,3-Trichlorobenzene	U	5.00	U	5.56	U	5.38

REAC, Edison, NJ
(732) 321-4200
EPA Contract ~~68-C99-223~~ EP-C-04-032 DWP

CHAIN OF CUSTODY RECORD

Project Name: CIRCUITRON
Project Number: 0-132
LM Contact: DAN PATEL Phone: 732-321-4257
609-865-9315

No: 02159
Sheet 01 of 01 (Do not copy)
(for addnl. samples use new form)

Sample Identification / Analyses Requested

REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	VOCs				Time
18433	132-4429	NDW1-10'-15'	SO:1	12/10/08	1	4 oz WM JAR/4°C	X				0850
18434	132-4430	NDW1-17'-20'			1		X				0905
8435	132-4431	NDW1-20'-25'			1		X				0915
18436	132-4432	NDW1-20'-25'DUP			1		X				0915
18437	132-4433	NDW1-25'-30'			1		X				0930
8438	132-4434	NDW2-10'-15'			1		X				0950
8439	132-4435	NDW2-17'-20'			1		X				1005
18440	132-4436	NDW2-20'-25'			1		X				1015
8441	132-4437	NDW2-25'-30'	↓	↓	1		X				1030
8442	132-4438	NDW2-25'-30'DUP	↓	↓	1	↓	X				1030

Matrix:

A- Air
AT-Animal Tissue
DL- Drum Liquids
DS- Drum Solids
GW- Groundwater
O- Oil
PR-Product
PT-Plant Tissue
PW- Potable Water
S- Soil
SD- Sediment
SL- Sludge
SW- Surface Water
TX-TCLP Extract
W- Water
X- Other

Special Instructions:
No estimated conc. for VOCs known for these samples.

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

Received 5°C JM 12/10/08

Items/Reason	Relinquished by	Date	Received by	Date	Time
Analysis	[signature]	12/10/08	[signature]	12/10/08	14:00

Items/Reason	Relinquished by	Date	Received by	Date	Time
All Analysis	[signature]	12/10/08	[signature]	12/10/08	15

EPA 1310 2000 5/21-151

Table 1.1 Result of the Analysis for VOC in Soil
WA # 0-132 Circuitron,

Method: REAC SOP 1807

Sample Number	Soil Blank C 121708-1		132-4429		132-4430		132-4431		132-4432	
Sample Location:			NDW1-10'-15'		NDW1-17'-20'		NDW1-20'-25'		NDW1-20'-25' dup	
Dilution Factor	1		1		1		1		1	
Percent_Solids	100		98		95		97		96	
File	CV0446.D		CV0449.D		CV0450.D		CV0451.D		CV0452.D	
Analyte	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg
Dichlorodifluoromethane	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Chloromethane	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Vinyl Chloride	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Bromomethane	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Chloroethane	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Trichlorofluoromethane	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Acetone	U	20.0	U	20.8	U	21.1	U	20.6	U	20.8
1,1-Dichloroethene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Methylene Chloride	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Carbon Disulfide	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Methyl tert-Butyl Ether	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
trans-1,2-Dichloroethene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
1,1 Dichloroethane	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
2-Butanone	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
2,2-Dichloropropane	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
cis-1,2-Dichloroethene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Chloroform	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
1,1-Dichloropropene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
1,2-Dichloroethane	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
1,1,1-Trichloroethane	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Carbon Tetrachloride	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Benzene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Trichloroethene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
1,2-Dichloropropane	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Bromodichloromethane	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Dibromomethane	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
cis-1,3-Dichloropropene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
trans-1,3-Dichloropropene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
1,1,2-Trichloroethane	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
1,3-Dichloropropane	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Dibromochloromethane	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
1,2-Dibromoethane	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Bromoform	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
4-Methyl-2-Pentanone	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Toluene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
2-Hexanone	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Tetrachloroethene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Chlorobenzene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
1,1,1,2-Tetrachloroethane	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Ethylbenzene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
p&m-Xylene	U	10.0	U	10.4	U	10.5	U	10.3	U	10.4
o-Xylene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Styrene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Isopropylbenzene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
1,1,2,2-Tetrachloroethane	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
1,2,3-Trichloropropane	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
n-Propylbenzene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Bromobenzene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
1,3,5-Trimethylbenzene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
2-Chlorotoluene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
4-Chlorotoluene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
tert-Butylbenzene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
1,2,4-Trimethylbenzene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
sec-Butylbenzene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
p-Isopropyltoluene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
1,3-Dichlorobenzene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
1,4-Dichlorobenzene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
n-Butylbenzene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
1,2-Dichlorobenzene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
1,2-Dibromo-3-Chloropropane	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
1,2,4-Trichlorobenzene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Hexachlorobutadiene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
Naphthalene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21
1,2,3-Trichlorobenzene	U	5.00	U	5.21	U	5.26	U	5.15	U	5.21

Table 1.1 Result of the Analysis for VOC in Soil
WA # 0-132 Circuitron,

Method: REAC SOP 1807

Sample Number	Soil Blank C 121708-1		132-4433		132-4434		132-4435		132-4436	
Sample Location:			NDW1-25'-30'		NDW2-10'-15'		NDW2-17'-20'		NDW2-20'-25'	
Dilution Factor	1		1		1		1		1	
Percent_Solids	100		85		94		97		96	
File:	CV0446.D		CV0453.D		CV0454.D		CV0455.D		CV0456.D	
Analyte	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg
Dichlorodifluoromethane	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Chloromethane	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Vinyl Chloride	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Bromomethane	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Chloroethane	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Trichlorofluoromethane	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Acetone	U	20.0	U	23.5	U	21.3	U	20.6	U	20.8
1,1-Dichloroethene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Methylene Chloride	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Carbon Disulfide	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Methyl tert-Butyl Ether	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
trans-1,2-Dichloroethene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
1,1 Dichloroethane	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
2-Butanone	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
2,2-Dichloropropane	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
cis-1,2-Dichloroethene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Chloroform	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
1,1-Dichloropropene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
1,2-Dichloroethane	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
1,1,1-Trichloroethane	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Carbon Tetrachloride	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Benzene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Trichloroethene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
1,2-Dichloropropane	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Bromodichloromethane	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Dibromomethane	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
cis-1,3-Dichloropropene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
trans-1,3-Dichloropropene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
1,1,2-Trichloroethane	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
1,3-Dichloropropane	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Dibromochloromethane	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
1,2-Dibromoethane	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Bromoform	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
4-Methyl-2-Pentanone	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Toluene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
2-Hexanone	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Tetrachloroethene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Chlorobenzene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
1,1,1,2-Tetrachloroethane	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Ethylbenzene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
p&m-Xylene	U	10.0	U	11.8	U	10.6	U	10.3	U	10.4
o-Xylene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Styrene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Isopropylbenzene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
1,1,2,2-Tetrachloroethane	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
1,2,3-Trichloropropane	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
n-Propylbenzene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Bromobenzene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
1,3,5-Trimethylbenzene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
2-Chlorotoluene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
4-Chlorotoluene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
tert-Butylbenzene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
1,2,4-Trimethylbenzene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
sec-Butylbenzene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
p-Isopropyltoluene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
1,3-Dichlorobenzene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
1,4-Dichlorobenzene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
n-Butylbenzene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
1,2-Dichlorobenzene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
1,2-Dibromo-3-Chloropropane	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
1,2,4-Trichlorobenzene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Hexachlorobutadiene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
Naphthalene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21
1,2,3-Trichlorobenzene	U	5.00	U	5.88	U	5.32	U	5.15	U	5.21

Table 1.1 Result of the Analysis for VOC in Soil
WA # 0-132 Circuitron,

Method: REAC SOP 1807

Sample Number	Soil Blank C 121708-1		132-4437		132-4438	
Sample Location:			NDW2-25'-30'		NDW2-25'-30' dup	
Dilution Factor	1		1		1	
Percent_Solids	100		90		93	
File:	CV0446.D		CV0457.D		CV0458.D	
Analyte	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg
Dichlorodifluoromethane	U	5.00	U	5.56	U	5.38
Chloromethane	U	5.00	U	5.56	U	5.38
Vinyl Chloride	U	5.00	U	5.56	U	5.38
Bromomethane	U	5.00	U	5.56	U	5.38
Chloroethane	U	5.00	U	5.56	U	5.38
Trichlorofluoromethane	U	5.00	U	5.56	U	5.38
Acetone	U	20.0	U	22.2	U	21.5
1,1-Dichloroethene	U	5.00	U	5.56	U	5.38
Methylene Chloride	U	5.00	U	5.56	U	5.38
Carbon Disulfide	U	5.00	U	5.56	U	5.38
Methyl tert-Butyl Ether	U	5.00	U	5.56	U	5.38
trans-1,2-Dichloroethene	U	5.00	U	5.56	U	5.38
1,1 Dichloroethane	U	5.00	U	5.56	U	5.38
2-Butanone	U	6.00	U	5.56	U	5.38
2,2-Dichloropropane	U	5.00	U	5.56	U	5.38
cis-1,2-Dichloroethene	U	5.00	U	5.56	U	5.38
Chloroform	U	5.00	U	5.56	U	5.38
1,1-Dichloropropene	U	5.00	U	5.56	U	5.38
1,2-Dichloroethane	U	5.00	U	5.56	U	5.38
1,1,1-Trichloroethane	U	5.00	U	5.56	U	5.38
Carbon Tetrachloride	U	5.00	U	5.56	U	5.38
Benzene	U	5.00	U	5.56	U	5.38
Trichloroethene	U	5.00	U	5.56	U	5.38
1,2-Dichloropropane	U	5.00	U	5.56	U	5.38
Bromodichloromethane	U	5.00	U	5.56	U	5.38
Dibromomethane	U	5.00	U	5.56	U	5.38
cis-1,3-Dichloropropene	U	5.00	U	5.56	U	5.38
trans-1,3-Dichloropropene	U	5.00	U	5.56	U	5.38
1,1,2-Trichloroethane	U	5.00	U	5.56	U	5.38
1,3-Dichloropropane	U	5.00	U	5.56	U	5.38
Dibromochloromethane	U	5.00	U	5.56	U	5.38
1,2-Dibromoethane	U	5.00	U	5.56	U	5.38
Bromoform	U	5.00	U	5.56	U	5.38
4-Methyl-2-Pentanone	U	5.00	U	5.56	U	5.38
Toluene	U	5.00	U	5.56	U	5.38
2-Hexanone	U	5.00	U	5.56	U	5.38
Tetrachloroethene	U	5.00	U	5.56	U	5.38
Chlorobenzene	U	5.00	U	5.56	U	5.38
1,1,1,2-Tetrachloroethane	U	5.00	U	5.56	U	5.38
Ethylbenzene	U	5.00	U	5.56	U	5.38
p&m-Xylene	U	10.0	U	11.1	U	10.8
o-Xylene	U	5.00	U	5.56	U	5.38
Styrene	U	5.00	U	5.56	U	5.38
Isopropylbenzene	U	5.00	U	5.56	U	5.38
1,1,2,2-Tetrachloroethane	U	5.00	U	5.56	U	5.38
1,2,3-Trichloropropane	U	5.00	U	5.56	U	5.38
n-Propylbenzene	U	5.00	U	5.56	U	5.38
Bromobenzene	U	5.00	U	5.56	U	5.38
1,3,5-Trimethylbenzene	U	5.00	U	5.56	U	5.38
2-Chlorotoluene	U	5.00	U	5.56	U	5.38
4-Chlorotoluene	U	5.00	U	5.56	U	5.38
tert-Butylbenzene	U	5.00	U	5.56	U	5.38
1,2,4-Trimethylbenzene	U	5.00	U	5.56	U	5.38
sec-Butylbenzene	U	5.00	U	5.56	U	5.38
p-Isopropyltoluene	U	5.00	U	5.56	U	5.38
1,3-Dichlorobenzene	U	5.00	U	5.56	U	5.38
1,4-Dichlorobenzene	U	5.00	U	5.56	U	5.38
n-Butylbenzene	U	5.00	U	5.56	U	5.38
1,2-Dichlorobenzene	U	5.00	U	5.56	U	5.38
1,2-Dibromo-3-Chloropropane	U	5.00	U	5.56	U	5.38
1,2,4-Trichlorobenzene	U	5.00	U	5.56	U	5.38
Hexachlorobutadiene	U	5.00	U	5.56	U	5.38
Naphthalene	U	5.00	U	5.56	U	5.38
1,2,3-Trichlorobenzene	U	5.00	U	5.56	U	5.38

REAC, Edison, NJ
732) 321-4200
PA Contract ~~68-C99-223~~ AMP
EP-C-04-032

CHAIN OF CUSTODY RECORD

Project Name: CIRCUITRON
Project Number: 0-132
LM Contact: ~~DAN~~ PATEL Phone: 732-321-4257
609-865-9315

No: 02159
Sheet 01 of 01 (Do not copy)
(for addnl. samples use new form)

Sample Identification

Analyses Requested

REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	VOCs				Time
18433	132-4429	NDW1-10'-15'	Soil	12/10/08	1	4 oz WM JAR/4°C	X				0850
18434	132-4430	NDW1-17'-20'			1		X				0905
18435	132-4431	NDW1-20'-25'			1		X				0915
18436	132-4432	NDW1-20'-25' DUP			1		X				0915
18437	132-4433	NDW1-25'-30'			1		X				0930
18438	132-4434	NDW2-10'-15'			1		X				0950
18439	132-4435	NDW2-17'-20'			1		X				1005
18440	132-4436	NDW2-20'-25'			1		X				1015
18441	132-4437	NDW2-25'-30'			1		X				1030
18442	132-4438	NDW2-25'-30' DUP			1		X				1030

Matrix:

A- Air
AT-Animal Tissue
DL- Drum Liquids
DS- Drum Solids
GW- Groundwater
O- Oil
PR-Product
PT-Plant Tissue
PW- Potable Water
S- Soil
SD- Sediment
SL- Sludge
SW- Surface Water
TX-TCLP Extract
W- Water
X- Other

Special Instructions:
No estimated conc. for VOCs known for these samples.

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

Received 5°C JM 12/10/08

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished by	Date	Received by	Date	Time
Analysis	[signature]	12/10/08	[signature]	12/10/08	14:00	All Analysis	[signature]	12/10/08	[signature]	12/10/08	16:15

U.S. GPO: 2000-521-151

ATTACHMENT 6

PRELIMINARY ANALYTICAL RESULTS FOR
INVESTIGATION DERIVED WASTE (IDW) SOIL SAMPLES
COLLECTED IN APRIL 2009

Date: 05/08/09

To: Work Assignment Manager T. Johnson, EPA/ERTC

From: Yi-Hua Lin, Organic Group Leader, Analytical Section, REAC

Thru: Vinod Kansal, Analytical Section Leader, REAC

Subject: Preliminary Results of Project Circuitron WA# 0-132

Attached please find the preliminary results of the above referenced project for the following samples:

Chain(s) of Custody No.:132-043009-0001

Analysis: VOC

No. of Samples: 33

Matrix: Soils

cc Raj Singhvi
Central File
Analyst: A. Vaidya

Table 1 1 Result of the Analysis for VOC in Soil
WA # 0-132 Circuitron,

Method: REAC SOP 1807

Sample Number	Soil Blank C 050409-1		132-8001		132-8007		132-8019		132-8025	
Sample Location:			WSC-01		WSC-07		WSC-19		WSC-25	
Dilution Factor	1		1		1		1		1	
Percent_Solids	100		97		98		87		97	
File:	CV1287.D		CV1289.D		CV1290.D		CV1292.D		CV1293.D	
Analyte	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg
Dichlorodifluoromethane	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Chloromethane	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Vinyl Chloride	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Bromomethane	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Chloroethane	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Trichlorofluoromethane	U	5.00	5.71	5.15	9.55	5.10	6.76	5.75	8.33	5.15
Acetone	U	20.0	U	20.6	U	20.4	U	23.0	U	20.6
1,1-Dichloroethene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Methylene Chloride	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Carbon Disulfide	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Methyl tert-Butyl Ether	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
trans-1,2-Dichloroethene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
1,1 Dichloroethane	U	5.00	U	5.15	1.60 J	5.10	1.66 J	5.75	U	5.15
2-Butanone	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
2,2-Dichloropropane	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
cis-1,2-Dichloroethene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Chloroform	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
1,1-Dichloropropene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
1,2-Dichloroethane	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
1,1,1-Trichloroethane	U	5.00	2.94 J	5.15	11.9	5.10	2.89 J	5.75	U	5.15
Carbon Tetrachloride	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Benzene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Trichloroethene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
1,2-Dichloropropane	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Bromodichloromethane	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Dibromomethane	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
cis-1,3-Dichloropropene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
trans-1,3-Dichloropropene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
1,1,2-Trichloroethane	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
1,3-Dichloropropane	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Dibromochloromethane	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
1,2-Dibromoethane	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Bromoform	U	20.0	U	20.6	U	20.4	U	23.0	U	20.6
4-Methyl-2-Pentanone	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Toluene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
2-Hexanone	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Tetrachloroethene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Chlorobenzene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
1,1,1,2-Tetrachloroethane	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Ethylbenzene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
p&m-Xylene	U	10.0	U	10.3	U	10.2	U	11.5	U	10.3
o-Xylene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Styrene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Isopropylbenzene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
1,1,2,2-Tetrachloroethane	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
1,2,3-Trichloropropane	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
n-Propylbenzene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Bromobenzene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
1,3,5-Trimethylbenzene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
2-Chlorotoluene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
4-Chlorotoluene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
tert-Butylbenzene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
1,2,4-Trimethylbenzene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
sec-Butylbenzene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
p-Isopropyltoluene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
1,3-Dichlorobenzene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
1,4-Dichlorobenzene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
n-Butylbenzene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
1,2-Dichlorobenzene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
1,2-Dibromo-3-Chloropropane	U	20.0	U	20.6	U	20.4	U	23.0	U	20.6
1,2,4-Trichlorobenzene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Hexachlorobutadiene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
Naphthalene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15
1,2,3-Trichlorobenzene	U	5.00	U	5.15	U	5.10	U	5.75	U	5.15

Table 1.1 Result of the Analysis for VOC in Soil
WA # 0-132 Circuitron,

Method: REAC SOP 1807

Sample Number	Soil Blank C 050409-1	132-8033	132-8031	132-8010	132-8016
Sample Location:		WSC-29SW	WSC-29C	WSC-10	WSC-16
Dilution Factor	1	1	1	1	1
Percent_Solids	100	98	97	98	86
File:	CV1287.D	CV1294.D	CV1295.D	CV1299.D	CV1300.D

Analyte	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg
Dichlorodifluoromethane	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Chloromethane	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Vinyl Chloride	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Bromomethane	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Chloroethane	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Trichlorofluoromethane	U	5.00	9.46	5.10	3.19 J	5.15	2.56 J	5.10	1.87 J	5.81
Acetone	U	20.0	U	20.4	U	20.6	U	20.4	U	23.3
1,1-Dichloroethene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Methylene Chloride	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Carbon Disulfide	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Methyl tert-Butyl Ether	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
trans-1,2-Dichloroethene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
1,1 Dichloroethane	U	5.00	U	5.10	U	5.15	U	5.10	2.60 J	5.81
2-Butanone	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
2,2-Dichloropropane	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
cis-1,2-Dichloroethene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Chloroform	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
1,1-Dichloropropene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
1,2-Dichloroethane	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
1,1,1-Trichloroethane	U	5.00	U	5.10	U	5.15	5.74	5.10	5.62 J	5.81
Carbon Tetrachloride	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Benzene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Trichloroethene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
1,2-Dichloropropane	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Bromodichloromethane	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Dibromomethane	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
cis-1,3-Dichloropropene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
trans-1,3-Dichloropropene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
1,1,2-Trichloroethane	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
1,3-Dichloropropane	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Dibromochloromethane	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
1,2-Dibromoethane	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Bromoform	U	20.0	U	20.4	U	20.6	U	20.4	U	23.3
4-Methyl-2-Pentanone	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Toluene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
2-Hexanone	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Tetrachloroethene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Chlorobenzene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
1,1,1,2-Tetrachloroethane	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Ethylbenzene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
p&m-Xylene	U	10.0	U	10.2	U	10.3	U	10.2	U	11.6
o-Xylene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Styrene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Isopropylbenzene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
1,1,2,2-Tetrachloroethane	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
1,2,3-Trichloropropane	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
n-Propylbenzene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Bromobenzene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
1,3,5-Trimethylbenzene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
2-Chlorotoluene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
4-Chlorotoluene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
tert-Butylbenzene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
1,2,4-Trimethylbenzene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
sec-Butylbenzene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
p-Isopropyltoluene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
1,3-Dichlorobenzene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
1,4-Dichlorobenzene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
n-Butylbenzene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
1,2-Dichlorobenzene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
1,2-Dibromo-3-Chloropropane	U	20.0	U	20.4	U	20.6	U	20.4	U	23.3
1,2,4-Trichlorobenzene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Hexachlorobutadiene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
Naphthalene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81
1,2,3-Trichlorobenzene	U	5.00	U	5.10	U	5.15	U	5.10	U	5.81

Table 1.1 Result of the Analysis for VOC in Soil
WA # 0-132 Circuitron,

Method: REAC SOP 1807

Sample Number	Soil Blank C 050409-1	132-8022	132-8028	132-8029
Sample Location:		WSC-22	WSC-28	WSC-29 NE
Dilution Factor	1	1	1	1
Percent_Solids	100	87	98	97
File:	CV1287.D	CV1301.D	CV1302.D	CV1303.D

Analyte	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg
Dichlorodifluoromethane	U	5.00	U	5.75	U	5.10	U	5.15
Chloromethane	U	5.00	U	5.75	U	5.10	U	5.15
Vinyl Chloride	U	5.00	U	5.75	U	5.10	U	5.15
Bromomethane	U	5.00	U	5.75	U	5.10	U	5.15
Chloroethane	U	5.00	U	5.75	U	5.10	U	5.15
Trichlorofluoromethane	U	5.00	2.69 J	5.75	2.14 J	5.10	U	5.15
Acetone	U	20.0	U	23.0	U	20.4	U	20.6
1,1-Dichloroethene	U	5.00	3.17 J	5.75	U	5.10	U	5.15
Methylene Chloride	U	5.00	U	5.75	U	5.10	U	5.15
Carbon Disulfide	U	5.00	U	5.75	U	5.10	U	5.15
Methyl tert-Butyl Ether	U	5.00	U	5.75	U	5.10	U	5.15
trans-1,2-Dichloroethene	U	5.00	U	5.75	U	5.10	U	5.15
1,1 Dichloroethane	U	5.00	46.5	5.75	U	5.10	U	5.15
2-Butanone	U	5.00	U	5.75	U	5.10	U	5.15
2,2-Dichloropropane	U	5.00	U	5.75	U	5.10	U	5.15
cis-1,2-Dichloroethene	U	5.00	U	5.75	U	5.10	U	5.15
Chloroform	U	5.00	U	5.75	U	5.10	U	5.15
1,1-Dichloropropene	U	5.00	U	5.75	U	5.10	U	5.15
1,2-Dichloroethane	U	5.00	U	5.75	U	5.10	U	5.15
1,1,1-Trichloroethane	U	5.00	31.6	5.75	2.47 J	5.10	U	5.15
Carbon Tetrachloride	U	5.00	U	5.75	U	5.10	U	5.15
Benzene	U	5.00	U	5.75	U	5.10	U	5.15
Trichloroethene	U	5.00	U	5.75	U	5.10	U	5.15
1,2-Dichloropropane	U	5.00	U	5.75	U	5.10	U	5.15
Bromodichloromethane	U	5.00	U	5.75	U	5.10	U	5.15
Dibromomethane	U	5.00	U	5.75	U	5.10	U	5.15
cis-1,3-Dichloropropene	U	5.00	U	5.75	U	5.10	U	5.15
trans-1,3-Dichloropropene	U	5.00	U	5.75	U	5.10	U	5.15
1,1,2-Trichloroethane	U	5.00	U	5.75	U	5.10	U	5.15
1,3-Dichloropropane	U	5.00	U	5.75	U	5.10	U	5.15
Dibromochloromethane	U	5.00	U	5.75	U	5.10	U	5.15
1,2-Dibromoethane	U	5.00	U	5.75	U	5.10	U	5.15
Bromoform	U	20.0	U	23.0	U	20.4	U	20.6
4-Methyl-2-Pentanone	U	5.00	U	5.75	U	5.10	U	5.15
Toluene	U	5.00	U	5.75	U	5.10	U	5.15
2-Hexanone	U	5.00	U	5.75	U	5.10	U	5.15
Tetrachloroethene	U	5.00	5.26 J	5.75	U	5.10	U	5.15
Chlorobenzene	U	5.00	U	5.75	U	5.10	U	5.15
1,1,1,2-Tetrachloroethane	U	5.00	U	5.75	U	5.10	U	5.15
Ethylbenzene	U	5.00	U	5.75	U	5.10	U	5.15
p&m-Xylene	U	10.0	U	11.5	U	10.2	U	10.3
o-Xylene	U	5.00	U	5.75	U	5.10	U	5.15
Styrene	U	5.00	U	5.75	U	5.10	U	5.15
Isopropylbenzene	U	5.00	U	5.75	U	5.10	U	5.15
1,1,2,2-Tetrachloroethane	U	5.00	U	5.75	U	5.10	U	5.15
1,2,3-Trichloropropane	U	5.00	U	5.75	U	5.10	U	5.15
n-Propylbenzene	U	5.00	U	5.75	U	5.10	U	5.15
Bromobenzene	U	5.00	U	5.75	U	5.10	U	5.15
1,3,5-Trimethylbenzene	U	5.00	U	5.75	U	5.10	U	5.15
2-Chlorotoluene	U	5.00	U	5.75	U	5.10	U	5.15
4-Chlorotoluene	U	5.00	U	5.75	U	5.10	U	5.15
tert-Butylbenzene	U	5.00	U	5.75	U	5.10	U	5.15
1,2,4-Trimethylbenzene	U	5.00	U	5.75	U	5.10	U	5.15
sec-Butylbenzene	U	5.00	U	5.75	U	5.10	U	5.15
p-Isopropyltoluene	U	5.00	U	5.75	U	5.10	U	5.15
1,3-Dichlorobenzene	U	5.00	U	5.75	U	5.10	U	5.15
1,4-Dichlorobenzene	U	5.00	U	5.75	U	5.10	U	5.15
n-Butylbenzene	U	5.00	U	5.75	U	5.10	U	5.15
1,2-Dichlorobenzene	U	5.00	U	5.75	U	5.10	U	5.15
1,2-Dibromo-3-Chloropropane	U	20.0	U	23.0	U	20.4	U	20.6
1,2,4-Trichlorobenzene	U	5.00	U	5.75	U	5.10	U	5.15
Hexachlorobutadiene	U	5.00	U	5.75	U	5.10	U	5.15
Naphthalene	U	5.00	U	5.75	U	5.10	U	5.15
1,2,3-Trichlorobenzene	U	5.00	U	5.75	U	5.10	U	5.15

Table 1.1 Result of the Analysis for VOC in Soil
WA # 0-132 Circuitron,

Method: REAC SOP 1807

Sample Number	Soil Blank C 050409-2	132-8013	132-8002	132-8003	132-8005
Sample Location:		WSC-13	WSC-02	WSC-03	WSC-05
Dilution Factor	1	1	1	1	1
Percent_Solids	100	93	98	95	99
File:	CV1308.D	CV1309.D	CV1312.D	CV1313.D	CV1314.D

Analyte	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg
Dichlorodifluoromethane	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
Chloromethane	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
Vinyl Chloride	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
Bromomethane	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
Chloroethane	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
Trichlorofluoromethane	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
Acetone	U	20.0	U	21.5	U	20.4	U	21.1	U	20.2
1,1-Dichloroethene	U	5.00	U	5.38	10.8	5.10	U	5.26	U	5.05
Methylene Chloride	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
Carbon Disulfide	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
Methyl tert-Butyl Ether	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
trans-1,2-Dichloroethene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
1,1 Dichloroethane	U	5.00	U	5.38	3.81 J	5.10	U	5.26	U	5.05
2-Butanone	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
2,2-Dichloropropane	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
cis-1,2-Dichloroethene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
Chloroform	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
1,1-Dichloropropene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
1,2-Dichloroethane	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
1,1,1-Trichloroethane	U	5.00	1.86 J	5.38	189	5.10	17.6	5.26	13.9	5.05
Carbon Tetrachloride	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
Benzene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
Trichloroethene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
1,2-Dichloropropane	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
Bromodichloromethane	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
Dibromomethane	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
cis-1,3-Dichloropropene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
trans-1,3-Dichloropropene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
1,1,2-Trichloroethane	U	5.00	U	5.38	2.48 J	5.10	U	5.26	U	5.05
1,3-Dichloropropane	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
Dibromochloromethane	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
1,2-Dibromoethane	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
Bromoform	U	20.0	U	21.5	U	20.4	U	21.1	U	20.2
4-Methyl-2-Pentanone	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
Toluene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
2-Hexanone	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
Tetrachloroethene	U	5.00	U	5.38	9.73	5.10	U	5.26	U	5.05
Chlorobenzene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
1,1,1,2-Tetrachloroethane	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
Ethylbenzene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
p&m-Xylene	U	10.0	U	10.8	U	10.2	U	10.5	U	10.1
o-Xylene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
Styrene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
Isopropylbenzene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
1,1,2,2-Tetrachloroethane	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
1,2,3-Trichloropropane	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
n-Propylbenzene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
Bromobenzene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
1,3,5-Trimethylbenzene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
2-Chlorotoluene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
4-Chlorotoluene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
tert-Butylbenzene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
1,2,4-Trimethylbenzene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
sec-Butylbenzene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
p-Isopropyltoluene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
1,3-Dichlorobenzene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
1,4-Dichlorobenzene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
n-Butylbenzene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
1,2-Dichlorobenzene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
1,2-Dibromo-3-Chloropropane	U	20.0	U	21.5	U	20.4	U	21.1	U	20.2
1,2,4-Trichlorobenzene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
Hexachlorobutadiene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
Naphthalene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05
1,2,3-Trichlorobenzene	U	5.00	U	5.38	U	5.10	U	5.26	U	5.05

Table 1 1 Result of the Analysis for VOC in Soil
WA # 0-132 Circuitron,

Method: REAC SOP 1807

Sample Number	Soil Blank C 050409-2	132-8006	132-8008	132-8009	132-8011
Sample Location:		WSC-06	WSC-08	WSC-09	WSC-11
Dilution Factor	1	1	1	1	1
Percent_Solids	100	99	98	98	97
File:	CV1308.D	CV1315.D	CV1316.D	CV1319.D	CV1320.D

Analyte	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg
Dichlorodifluoromethane	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
Chloromethane	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
Vinyl Chloride	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
Bromomethane	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
Chloroethane	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
Trichlorofluoromethane	U	5.00	1.94 J	5.05	U	5.10	U	5.10	U	5.15
Acetone	U	20.0	U	20.2	U	20.4	U	20.4	U	20.6
1,1-Dichloroethene	U	5.00	1.54 J	5.05	7.11	5.10	3.45 J	5.10	2.38 J	5.15
Methylene Chloride	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
Carbon Disulfide	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
Methyl tert-Butyl Ether	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
trans-1,2-Dichloroethene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
1,1 Dichloroethane	U	5.00	U	5.05	9.18	5.10	3.14 J	5.10	U	5.15
2-Butanone	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
2,2-Dichloropropane	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
cis-1,2-Dichloroethene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
Chloroform	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
1,1-Dichloropropene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
1,2-Dichloroethane	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
1,1,1-Trichloroethane	U	5.00	21.8	5.05	78.1	5.10	59.9	5.10	31.9	5.15
Carbon Tetrachloride	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
Benzene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
Trichloroethene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
1,2-Dichloropropane	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
Bromodichloromethane	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
Dibromomethane	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
cis-1,3-Dichloropropene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
trans-1,3-Dichloropropene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
1,1,2-Trichloroethane	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
1,3-Dichloropropane	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
Dibromochloromethane	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
1,2-Dibromoethane	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
Bromoform	U	20.0	U	20.2	U	20.4	U	20.4	U	20.6
4-Methyl-2-Pentanone	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
Toluene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
2-Hexanone	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
Tetrachloroethene	U	5.00	1.79 J	5.05	3.62 J	5.10	7.01	5.10	U	5.15
Chlorobenzene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
1,1,1,2-Tetrachloroethane	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
Ethylbenzene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
p&m-Xylene	U	10.0	U	10.1	U	10.2	U	10.2	U	10.3
o-Xylene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
Styrene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
Isopropylbenzene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
1,1,2,2-Tetrachloroethane	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
1,2,3-Trichloropropane	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
n-Propylbenzene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
Bromobenzene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
1,3,5-Trimethylbenzene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
2-Chlorotoluene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
4-Chlorotoluene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
tert-Butylbenzene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
1,2,4-Trimethylbenzene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
sec-Butylbenzene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
p-Isopropyltoluene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
1,3-Dichlorobenzene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
1,4-Dichlorobenzene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
n-Butylbenzene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
1,2-Dichlorobenzene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
1,2-Dibromo-3-Chloropropane	U	20.0	U	20.2	U	20.4	U	20.4	U	20.6
1,2,4-Trichlorobenzene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
Hexachlorobutadiene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
Naphthalene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15
1,2,3-Trichlorobenzene	U	5.00	U	5.05	U	5.10	U	5.10	U	5.15

Table 1.1 Result of the Analysis for VOC in Soil
WA # 0-132 Circuitron,

Method: REAC SOP 1807

Sample Number	Soil Blank C 050409-2		132-8012	
Sample Location:			WSC-12	
Dilution Factor	1		1	
Percent_Solids	100		98	
File:	CV1308.D		CV1321.D	
Analyte	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg
Dichlorodifluoromethane	U	5.00	U	5.10
Chloromethane	U	5.00	U	5.10
Vinyl Chloride	U	5.00	U	5.10
Bromomethane	U	5.00	U	5.10
Chloroethane	U	5.00	U	5.10
Trichlorofluoromethane	U	5.00	U	5.10
Acetone	U	20.0	U	20.4
1,1-Dichloroethene	U	5.00	2.80 J	5.10
Methylene Chloride	U	5.00	U	5.10
Carbon Disulfide	U	5.00	U	5.10
Methyl tert-Butyl Ether	U	5.00	U	5.10
trans-1,2-Dichloroethene	U	5.00	U	5.10
1,1 Dichloroethane	U	5.00	2.11 J	5.10
2-Butanone	U	5.00	U	5.10
2,2-Dichloropropane	U	5.00	U	5.10
cis-1,2-Dichloroethene	U	5.00	U	5.10
Chloroform	U	5.00	U	5.10
1,1-Dichloropropene	U	5.00	U	5.10
1,2-Dichloroethane	U	5.00	U	5.10
1,1,1-Trichloroethane	U	5.00	39.4	5.10
Carbon Tetrachloride	U	5.00	U	5.10
Benzene	U	5.00	U	5.10
Trichloroethene	U	5.00	U	5.10
1,2-Dichloropropane	U	5.00	U	5.10
Bromodichloromethane	U	5.00	U	5.10
Dibromomethane	U	5.00	U	5.10
cis-1,3-Dichloropropene	U	5.00	U	5.10
trans-1,3-Dichloropropene	U	5.00	U	5.10
1,1,2-Trichloroethane	U	5.00	U	5.10
1,3-Dichloropropane	U	5.00	U	5.10
Dibromochloromethane	U	5.00	U	5.10
1,2-Dibromoethane	U	5.00	U	5.10
Bromoform	U	20.0	U	20.4
4-Methyl-2-Pentanone	U	5.00	U	5.10
Toluene	U	5.00	U	5.10
2-Hexanone	U	5.00	U	5.10
Tetrachloroethene	U	5.00	2.34 J	5.10
Chlorobenzene	U	5.00	U	5.10
1,1,1,2-Tetrachloroethane	U	5.00	U	5.10
Ethylbenzene	U	5.00	U	5.10
p&m-Xylene	U	10.0	U	10.2
o-Xylene	U	5.00	U	5.10
Styrene	U	5.00	U	5.10
Isopropylbenzene	U	5.00	U	5.10
1,1,2,2-Tetrachloroethane	U	5.00	U	5.10
1,2,3-Trichloropropane	U	5.00	U	5.10
n-Propylbenzene	U	5.00	U	5.10
Bromobenzene	U	5.00	U	5.10
1,3,5-Trimethylbenzene	U	5.00	U	5.10
2-Chlorotoluene	U	5.00	U	5.10
4-Chlorotoluene	U	5.00	U	5.10
tert-Butylbenzene	U	5.00	U	5.10
1,2,4-Trimethylbenzene	U	5.00	U	5.10
sec-Butylbenzene	U	5.00	U	5.10
p-Isopropyltoluene	U	5.00	U	5.10
1,3-Dichlorobenzene	U	5.00	U	5.10
1,4-Dichlorobenzene	U	5.00	U	5.10
n-Butylbenzene	U	5.00	U	5.10
1,2-Dichlorobenzene	U	5.00	U	5.10
1,2-Dibromo-3-Chloropropane	U	20.0	U	20.4
1,2,4-Trichlorobenzene	U	5.00	U	5.10
Hexachlorobutadiene	U	5.00	U	5.10
Naphthalene	U	5.00	U	5.10
1,2,3-Trichlorobenzene	U	5.00	U	5.10

Table 1.1 Result of the Analysis for VOC in Soil
WA # 0-132 Circuitron,

Method: REAC SOP 1807

Sample Number	Soil Blank C 050509-1	132-8014	132-8015	132-8017	132-8018
Sample Location:		WSC-14	WSC-15	WSC-17	WSC-18
Dilution Factor	1	1	1	1	1
Percent_Solids	100	82	85	92	97
File:	CV1335.D	CV1337.D	CV1338.D	CV1339.D	CV1340.D

Analyte	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg
Dichlorodifluoromethane	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
Chloromethane	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
Vinyl Chloride	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
Bromomethane	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
Chloroethane	U	5.00	5.09 J	6.10	6.87	5.88	U	5.43	U	5.15
Trichlorofluoromethane	U	5.00	U	6.10	U	5.88	U	5.43	2.33 J	5.15
Acetone	U	20.0	U	24.4	U	23.5	U	21.7	U	20.6
1,1-Dichloroethene	U	5.00	3.27 J	6.10	1.62 J	5.88	U	5.43	U	5.15
Methylene Chloride	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
Carbon Disulfide	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
Methyl tert-Butyl Ether	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
trans-1,2-Dichloroethene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
1,1 Dichloroethane	U	5.00	18.0	6.10	10.6	5.88	U	5.43	U	5.15
2-Butanone	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
2,2-Dichloropropane	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
cis-1,2-Dichloroethene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
Chloroform	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
1,1-Dichloropropene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
1,2-Dichloroethane	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
1,1,1-Trichloroethane	U	5.00	32.8	6.10	15.1	5.88	5.13 J	5.43	17.0	5.15
Carbon Tetrachloride	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
Benzene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
Trichloroethene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
1,2-Dichloropropane	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
Bromodichloromethane	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
Dibromomethane	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
cis-1,3-Dichloropropene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
trans-1,3-Dichloropropene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
1,1,2-Trichloroethane	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
1,3-Dichloropropane	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
Dibromochloromethane	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
1,2-Dibromoethane	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
Bromoform	U	20.0	U	24.4	U	23.5	U	21.7	U	20.6
4-Methyl-2-Pentanone	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
Toluene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
2-Hexanone	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
Tetrachloroethene	U	5.00	2.29 J	6.10	1.75 J	5.88	U	5.43	1.32 J	5.15
Chlorobenzene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
1,1,1,2-Tetrachloroethane	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
Ethylbenzene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
p&m-Xylene	U	10.0	U	12.2	U	11.8	U	10.9	U	10.3
o-Xylene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
Styrene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
Isopropylbenzene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
1,1,2,2-Tetrachloroethane	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
1,2,3-Trichloropropane	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
n-Propylbenzene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
Bromobenzene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
1,3,5-Trimethylbenzene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
2-Chlorotoluene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
4-Chlorotoluene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
tert-Butylbenzene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
1,2,4-Trimethylbenzene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
sec-Butylbenzene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
p-Isopropyltoluene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
1,3-Dichlorobenzene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
1,4-Dichlorobenzene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
n-Butylbenzene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
1,2-Dichlorobenzene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
1,2-Dibromo-3-Chloropropane	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
1,2,4-Trichlorobenzene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
Hexachlorobutadiene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
Naphthalene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15
1,2,3-Trichlorobenzene	U	5.00	U	6.10	U	5.88	U	5.43	U	5.15

Table 1.1 Result of the Analysis for VOC in Soil
WA # 0-132 Circuitron,

Method: REAC SOP 1807

Sample Number	Soil Blank C 050509-1	132-8020	132-8021	132-8023	132-8024
Sample Location:		WSC-20	WSC-21	WSC-23	WSC-24
Dilution Factor	1	1	1	1	1
Percent_Solids	100	87	94	95	96
File:	CV1335.D	CV1343.D	CV1344.D	CV1345.D	CV1346.D

Analyte	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg
Dichlorodifluoromethane	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
Chloromethane	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
Vinyl Chloride	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
Bromomethane	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
Chloroethane	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
Trichlorofluoromethane	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
Acetone	U	20.0	U	23.0	U	21.3	U	21.1	U	20.8
1,1-Dichloroethene	U	5.00	2.10 J	5.75	U	5.32	U	5.26	U	5.21
Methylene Chloride	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
Carbon Disulfide	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
Methyl tert-Butyl Ether	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
trans-1,2-Dichloroethene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
1,1 Dichloroethane	U	5.00	21.1	5.75	U	5.32	U	5.26	U	5.21
2-Butanone	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
2,2-Dichloropropane	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
cis-1,2-Dichloroethene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
Chloroform	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
1,1-Dichloropropene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
1,2-Dichloroethane	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
1,1,1-Trichloroethane	U	5.00	25.3	5.75	U	5.32	U	5.26	U	5.21
Carbon Tetrachloride	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
Benzene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
Trichloroethene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
1,2-Dichloropropane	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
Bromodichloromethane	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
Dibromomethane	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
cis-1,3-Dichloropropene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
trans-1,3-Dichloropropene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
1,1,2-Trichloroethane	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
1,3-Dichloropropane	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
Dibromochloromethane	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
1,2-Dibromoethane	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
Bromoform	U	20.0	U	23.0	U	21.3	U	21.1	U	20.8
4-Methyl-2-Pentanone	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
Toluene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
2-Hexanone	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
Tetrachloroethene	U	5.00	1.92 J	5.75	U	5.32	U	5.26	U	5.21
Chlorobenzene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
1,1,1,2-Tetrachloroethane	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
Ethylbenzene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
p&m-Xylene	U	10.0	U	11.5	U	10.6	U	10.5	U	10.4
o-Xylene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
Styrene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
Isopropylbenzene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
1,1,2,2-Tetrachloroethane	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
1,2,3-Trichloropropane	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
n-Propylbenzene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
Bromobenzene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
1,3,5-Trimethylbenzene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
2-Chlorotoluene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
4-Chlorotoluene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
tert-Butylbenzene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
1,2,4-Trimethylbenzene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
sec-Butylbenzene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
p-Isopropyltoluene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
1,3-Dichlorobenzene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
1,4-Dichlorobenzene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
n-Butylbenzene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
1,2-Dichlorobenzene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
1,2-Dibromo-3-Chloropropane	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
1,2,4-Trichlorobenzene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
Hexachlorobutadiene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
Naphthalene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21
1,2,3-Trichlorobenzene	U	5.00	U	5.75	U	5.32	U	5.26	U	5.21

Table 1.1 Result of the Analysis for VOC in Soil
WA # 0-132 Circuitron,

Method: REAC SOP 1807

Sample Number	Soil Blank C 050509-1		132-8026	
Sample Location:			WSC-26	
Dilution Factor	1		1	
Percent_Solids	100		96	
File:	CV1335.D		CV1347.D	
Analyte	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg
Dichlorodifluoromethane	U	5.00	U	5.21
Chloromethane	U	5.00	U	5.21
Vinyl Chloride	U	5.00	U	5.21
Bromomethane	U	5.00	U	5.21
Chloroethane	U	5.00	U	5.21
Trichlorofluoromethane	U	5.00	U	5.21
Acetone	U	20.0	U	20.8
1,1-Dichloroethene	U	5.00	U	5.21
Methylene Chloride	U	5.00	U	5.21
Carbon Disulfide	U	5.00	U	5.21
Methyl tert-Butyl Ether	U	5.00	U	5.21
trans-1,2-Dichloroethene	U	5.00	U	5.21
1,1 Dichloroethane	U	5.00	U	5.21
2-Butanone	U	5.00	U	5.21
2,2-Dichloropropane	U	5.00	U	5.21
cis-1,2-Dichloroethene	U	5.00	U	5.21
Chloroform	U	5.00	U	5.21
1,1-Dichloropropene	U	5.00	U	5.21
1,2-Dichloroethane	U	5.00	U	5.21
1,1,1-Trichloroethane	U	5.00	U	5.21
Carbon Tetrachloride	U	5.00	U	5.21
Benzene	U	5.00	U	5.21
Trichloroethene	U	5.00	U	5.21
1,2-Dichloropropane	U	5.00	U	5.21
Bromodichloromethane	U	5.00	U	5.21
Dibromomethane	U	5.00	U	5.21
cis-1,3-Dichloropropene	U	5.00	U	5.21
trans-1,3-Dichloropropene	U	5.00	U	5.21
1,1,2-Trichloroethane	U	5.00	U	5.21
1,3-Dichloropropane	U	5.00	U	5.21
Dibromochloromethane	U	5.00	U	5.21
1,2-Dibromoethane	U	5.00	U	5.21
Bromoform	U	20.0	U	20.8
4-Methyl-2-Pentanone	U	5.00	U	5.21
Toluene	U	5.00	U	5.21
2-Hexanone	U	5.00	U	5.21
Tetrachloroethene	U	5.00	U	5.21
Chlorobenzene	U	5.00	U	5.21
1,1,1,2-Tetrachloroethane	U	5.00	U	5.21
Ethylbenzene	U	5.00	U	5.21
p&m-Xylene	U	10.0	U	10.4
o-Xylene	U	5.00	U	5.21
Styrene	U	5.00	U	5.21
Isopropylbenzene	U	5.00	U	5.21
1,1,2,2-Tetrachloroethane	U	5.00	U	5.21
1,2,3-Trichloropropane	U	5.00	U	5.21
n-Propylbenzene	U	5.00	U	5.21
Bromobenzene	U	5.00	U	5.21
1,3,5-Trimethylbenzene	U	5.00	U	5.21
2-Chlorotoluene	U	5.00	U	5.21
4-Chlorotoluene	U	5.00	U	5.21
tert-Butylbenzene	U	5.00	U	5.21
1,2,4-Trimethylbenzene	U	5.00	U	5.21
sec-Butylbenzene	U	5.00	U	5.21
p-Isopropyltoluene	U	5.00	U	5.21
1,3-Dichlorobenzene	U	5.00	U	5.21
1,4-Dichlorobenzene	U	5.00	U	5.21
n-Butylbenzene	U	5.00	U	5.21
1,2-Dichlorobenzene	U	5.00	U	5.21
1,2-Dibromo-3-Chloropropane	U	5.00	U	5.21
1,2,4-Trichlorobenzene	U	5.00	U	5.21
Hexachlorobutadiene	U	5.00	U	5.21
Naphthalene	U	5.00	U	5.21
1,2,3-Trichlorobenzene	U	5.00	U	5.21

Table 1.1 Result of the Analysis for VOC in Soil
WA # 0-132 Circuitron,

Method: REAC SOP 1807

Sample Number	Soil Blank C 050609-1	132-8027	132-8030	132-8032	132-8004
Sample Location:		WSC-27	WSC-29NW	WSC-29SE	WSC-04
Dilution Factor	1	1	1	1	1
Percent_Solids	100	89	96	97	87
File:	CV1353.D	CV1356.D	CV1357.D	CV1358.D	CV1359.D

Analyte	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg
Dichlorodifluoromethane	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
Chloromethane	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
Vinyl Chloride	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
Bromomethane	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
Chloroethane	U	5.00	2.85 J	5.62	U	5.21	U	5.15	U	5.75
Trichlorofluoromethane	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
Acetone	U	20.0	U	22.5	U	20.8	U	20.6	U	23.0
1,1-Dichloroethene	U	5.00	U	5.62	U	5.21	U	5.15	7.45	5.75
Methylene Chloride	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
Carbon Disulfide	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
Methyl tert-Butyl Ether	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
trans-1,2-Dichloroethene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
1,1 Dichloroethane	U	5.00	U	5.62	U	5.21	U	5.15	4.55 J	5.75
2-Butanone	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
2,2-Dichloropropane	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
cis-1,2-Dichloroethene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
Chloroform	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
1,1-Dichloropropene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
1,2-Dichloroethane	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
1,1,1-Trichloroethane	U	5.00	1.45 J	5.62	U	5.21	U	5.15	123	5.75
Carbon Tetrachloride	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
Benzene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
Trichloroethene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
1,2-Dichloropropane	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
Bromodichloromethane	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
Dibromomethane	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
cis-1,3-Dichloropropene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
trans-1,3-Dichloropropene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
1,1,2-Trichloroethane	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
1,3-Dichloropropane	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
Dibromochloromethane	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
1,2-Dibromoethane	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
Bromoform	U	20.0	U	22.5	U	20.8	U	20.6	U	23.0
4-Methyl-2-Pentanone	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
Toluene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
2-Hexanone	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
Tetrachloroethene	U	5.00	U	5.62	U	5.21	U	5.15	3.03 J	5.75
Chlorobenzene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
1,1,1,2-Tetrachloroethane	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
Ethylbenzene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
p&m-Xylene	U	10.0	U	11.2	U	10.4	U	10.3	U	11.5
o-Xylene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
Styrene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
Isopropylbenzene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
1,1,2,2-Tetrachloroethane	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
1,2,3-Trichloropropane	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
n-Propylbenzene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
Bromobenzene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
1,3,5-Trimethylbenzene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
2-Chlorotoluene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
4-Chlorotoluene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
tert-Butylbenzene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
1,2,4-Trimethylbenzene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
sec-Butylbenzene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
p-Isopropyltoluene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
1,3-Dichlorobenzene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
1,4-Dichlorobenzene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
n-Butylbenzene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
1,2-Dichlorobenzene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
1,2-Dibromo-3-Chloropropane	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
1,2,4-Trichlorobenzene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
Hexachlorobutadiene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
Naphthalene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75
1,2,3-Trichlorobenzene	U	5.00	U	5.62	U	5.21	U	5.15	U	5.75

REAC, Edison, NJ
(732) 321-4200
EPA Contract ~~68-C99-223~~ (us)
EP-C-04-032

CHAIN OF CUSTODY RECORD

Project Name: CIRCUITRON CORP
Project Number: EAC401EAC00132
LM Contact: DAN PATEL Phone: 609-865-9315

132-043009-0001 1 of 2
No: ~~01755~~ (us)
Sheet 01 of 01 (Do not copy)
(for addnl. samples use new form)

WO#R105004

Sample Identification

REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	Analyses Requested: VOC	SVOC	Metals+Hg		
01	132-8001	WSC-01	S	04/28/09	1	8-oz CWM/NONE	X	X			
02	132-8007	WSC-07	S	04/28/09	1		X	X			
03	132-8013	~~WSC-0~~ WSC-13	S	04/28/09	1		X	X			
04	132-8019	WSC-19	S	04/28/09	1		X	X			
05	132-8025	WSC-25	S	04/28/09	1		X	X			
06	132-8033	WSC-29SW	S	04/30/09	1		X	X			
07	132-8031	WSC-29C	S	04/30/09	3		X	X	X		
08	132-8004	WSC-04	S	04/28/09	1		X		X		
09	132-8010	WSC-10	S	04/28/09	1		X		X		
10	132-8016	WSC-16	S	04/28/09	1		X		X		
11	132-8022	WSC-22	S	04/28/09	1		X		X		
12	132-8028	WSC-28	S	04/28/09	1		X		X		
13	132-8029	WSC-29NE	S	04/30/09	1		X		X		
14	132-8002	WSC-02	S	04/28/09	1		X		X		
15	132-8003	WSC-03	S	04/28/09	1		X				
16	132-8005	WSC-05	S	04/28/09	1		X				
17	132-8006	WSC-06	S	04/28/09	1		X				
18	132-8008	WSC-08	S	04/28/09	3		X				
19	132-8009	WSC-09	S	04/28/09	1		X				

Matrix:

A- Air	PW- Potable Water
AT-Animal Tissue	S- Soil
DL- Drum Liquids	SD- Sediment
DS- Drum Solids	SL- Sludge
GW- Groundwater	SW- Surface Water
O- Oil	TX-TCLP Extract
PR-Product	W- Water
PT-Plant Tissue	X- Other

Special Instructions:

Use 132-8008, 132-8018, 132-8031 for MS/MSD.

Samples 01 To 07 were aliquoted for SVOC analysis 5/2/09

Received 6°C 5/1/09

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished by	Date	Received by	Date	Time
19/ANALYSIS	C. SKLANEY Cindy	05/01/09	[signature]	5/1/09	15:10	All/Analysis	[signature]	5/1/09	A-HV dge	5/1/09	1610
+/Metals	A-HV dge	05/04/09	[signature]	5/4/09	8:45						

☆ U.S. GPO 321-151

REAC, Edison, NJ
(732) 321-4200
EPA Contract ~~68-C99-223~~
EP-C-04-032

CHAIN OF CUSTODY RECORD

Project Name: CIRCUITRON CORP.
Project Number: EAC401EAC00132
LM Contact: DAN PATEL Phone: 609-865-9315

132-043009-0001

2 of 2

No: ~~01754~~

Sheet 01 of 01 (Do not copy)
(for addnl. samples use new form)

WO#905004

Sample Identification

Analyses Requested

REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	8VOC	SVOC	Metals+Hg		
20	132-8011	WSC-11	S	04/28/09	1	8-02 CWM /NONE	X				
21	132-8012	WSC-12	S	04/28/09	1		X				
22	132-8014	WSC-14	S	04/28/09	1		X				
23	132-8015	WSC-15	S	04/28/09	1		X				
24	132-8017	WSC-17	S	04/28/09	1		X				
25	132-8018	WSC-18	S	04/28/09	3		X				
26	132-8020	WSC-20	S	04/28/09	1		X				
27	132-8021	WSC-21	S	04/28/09	1		X				
28	132-8023	WSC-23	S	04/28/09	1		X				
29	132-8024	WSC-24	S	04/28/09	1		X				
30	132-8026	WSC-26	S	04/28/09	1		X				
31	132-8027	WSC-27	S	04/28/09	1		X				
	~~132-802~~										
32	132-8030	~~WSC-30~~ WSC-29NW	S	04/30/09	1		X				
33	132-8032	WSC-29SE	S	04/30/09	1		X				
		CR SG 05/01/09					CR SG 05/01/09				

Matrix:

A- Air	PW- Potable Water
AT-Animal Tissue	S- Soil
DL- Drum Liquids	SD- Sediment
DS- Drum Solids	SL- Sludge
GW- Groundwater	SW- Surface Water
O- Oil	TX-TCLP Extract
PR-Product	W- Water
PT-Plant Tissue	X- Other

Special Instructions:
Use 132-8008, 132-8018, 132-8031 for MS/MSD.

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

Received 6°C JM 5/1/09

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished by	Date	Received by	Date	Time
14/ ANALYSIS	C. SKLANEY CR SG	05/01/09	Jimmy Patel	5/1/09	15:10	All Analysis	Jimmy Patel	5/1/09	[illegible]	5/1/09	1610

☆ U.S. GPO [illegible]-151

Date: 05/14/09

To: Work Assignment Manager T. Johnson, EPA/ERTC

From: Yi-Hua Lin, Organic Group Leader, Analytical Section, REAC

Thru: Vinod Kansal, Analytical Section Leader, REAC

Subject: Preliminary Results of Project Circuitron WA# 0-132

Attached please find the preliminary results of the above referenced project for the following samples:

Chain(s) of Custody No.:132-043009-0001

Analysis: BNA

No. of Samples: Seven

Matrix: Soils

cc Raj Singhvi
Central File
Analyst: Y. Nerush

Table 1.1 Result of the Analysis for Semivolatiles in Soil
WA # 0-132, Circuitron

Method: REAC SOP

Sample Number	0900119-BLK1	132-8001	132-8019	132-8007	132-8013
Sample Location:	N/A	WSC-01	WSC-19	WSC-07	WSC-13
Dilution Factor	1	10	1	5	5
Percent_Solids	100	97	87	98	93

Analyte	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg	Result µg/Kg	RL µg/Kg
Phenol	U	333	U	3440	U	383	U	1700	U	1790
Bis-(2-chloroethyl) ether	U	333	U	3440	U	383	U	1700	U	1790
2-Chlorophenol	U	333	U	3440	U	383	U	1700	U	1790
1,3-Dichlorobenzene	U	333	U	3440	U	383	U	1700	U	1790
1,4-Dichlorobenzene	U	333	U	3440	U	383	U	1700	U	1790
Benzyl alcohol	U	333	U	3440	U	383	U	1700	U	1790
1,2-Dichlorobenzene	U	333	U	3440	U	383	U	1700	U	1790
2-Methylphenol	U	333	U	3440	U	383	U	1700	U	1790
Bis-(2-chloroisopropyl) ether	U	333	U	3440	U	383	U	1700	U	1790
4-Methylphenol	U	333	U	3440	U	383	U	1700	U	1790
N-Nitroso-di-n-propylamine	U	333	U	3440	U	383	U	1700	U	1790
Hexachloroethane	U	333	U	3440	U	383	U	1700	U	1790
Nitrobenzene	U	333	U	3440	U	383	U	1700	U	1790
Isophorone	U	333	U	3440	U	383	U	1700	U	1790
2-Nitrophenol	U	333	U	3440	U	383	U	1700	U	1790
2,4-Dimethylphenol	U	333	U	3440	U	383	U	1700	U	1790
Bis-(2-chloroethoxy) methane	U	333	U	3440	U	383	U	1700	U	1790
2,4-Dichlorophenol	U	333	U	3440	U	383	U	1700	U	1790
1,2,4-Trichlorobenzene	U	333	U	3440	U	383	U	1700	U	1790
Naphthalene	U	333	U	3440	U	383	U	1700	U	1790
4-Chloroaniline	U	333	U	3440	U	383	U	1700	U	1790
Hexachlorobutadiene	U	333	U	3440	U	383	U	1700	U	1790
4-Chloro-3-methylphenol	U	333	U	3440	U	383	U	1700	U	1790
2-Methylnaphthalene	U	333	U	3440	U	383	U	1700	U	1790
Hexachlorocyclopentadiene	U	333	U	3440	U	383	U	1700	U	1790
2,4,6-Trichlorophenol	U	333	U	3440	U	383	U	1700	U	1790
2,4,5-Trichlorophenol	U	333	U	3440	U	383	U	1700	U	1790
2-Chloronaphthalene	U	333	U	3440	U	383	U	1700	U	1790
2-Nitroaniline	U	333	U	3440	U	383	U	1700	U	1790
Dimethylphthalate	U	333	U	3440	U	383	U	1700	U	1790
Acenaphthylene	U	333	U	3440	U	383	U	1700	U	1790
2,6-Dinitrotoluene	U	333	U	3440	U	383	U	1700	U	1790
3-Nitroaniline	U	333	U	3440	U	383	U	1700	U	1790
Acenaphthene	U	333	U	3440	U	383	U	1700	U	1790
2,4-Dinitrophenol	U	333	U	3440	U	383	U	1700	U	1790
4-Nitrophenol	U	333	U	3440	U	383	U	1700	U	1790
Dibenzofuran	U	333	U	3440	U	383	U	1700	U	1790
2,4-Dinitrotoluene	U	333	U	3440	U	383	U	1700	U	1790
Diethylphthalate	U	333	U	3440	U	383	U	1700	U	1790
4-Chlorophenyl-phenylether	U	333	U	3440	U	383	U	1700	U	1790
Fluorene	U	333	U	3440	U	383	U	1700	U	1790
4-Nitroaniline	U	333	U	3440	U	383	U	1700	U	1790
4,6-Dinitro-2-methylphenol	U	333	U	3440	U	383	U	1700	U	1790
N-Nitrosodiphenylamine	U	333	U	3440	U	383	U	1700	U	1790
4-Bromophenyl-phenylether	U	333	U	3440	U	383	U	1700	U	1790
Hexachlorobenzene	U	333	U	3440	U	383	U	1700	U	1790
Pentachlorophenol	U	333	U	3440	U	383	U	1700	U	1790
Phenanthrene	U	333	U	3440	U	383	U	1700	U	1790
Anthracene	U	333	U	3440	U	383	U	1700	U	1790
Carbazole	U	333	U	3440	U	383	U	1700	U	1790
Di-n-butylphthalate	U	333	U	3440	U	383	U	1700	U	1790
Fluoranthene	U	333	U	3440	U	383	U	1700	U	1790
Pyrene	U	333	U	3440	U	383	U	1700	U	1790
Butylbenzylphthalate	U	333	U	3440	U	383	U	1700	U	1790
Benzo(a)anthracene	U	333	U	3440	U	383	U	1700	U	1790
3,3'-Dichlorobenzidine	U	333	U	3440	U	383	U	1700	U	1790
Chrysene	U	333	U	3440	U	383	U	1700	U	1790
Bis-(2-ethylhexyl) phthalate	U	333	11800	3440	435	383	18300	1700	2150	1790
Di-n-octylphthalate	U	333	U	3440	U	383	U	1700	U	1790
Benzo(b)fluoranthene	U	333	U	3440	U	383	U	1700	U	1790
Benzo(k)fluoranthene	U	333	U	3440	U	383	U	1700	U	1790
Benzo(a)pyrene	U	333	U	3440	U	383	U	1700	U	1790
Indeno(1,2,3-cd)pyrene	U	333	U	3440	U	383	U	1700	U	1790
Dibenzo(a,h)anthracene	U	333	U	3440	U	383	U	1700	U	1790
Benzo(g,h,i)perylene	U	333	U	3440	U	383	U	1700	U	1790

Table 1.1 Result of the Analysis for Semivolatiles in Soil
WA # 0-132, Circuitron

Method: REAC SOP

Sample Number	0900119-BLK1		132-8025		132-8033		132-8031	
Sample Location:			WSC-25		WSC-29SW		WSC-29C	
Dilution Factor	1		5		5		5	
Percent_Solids	100		97		98		97	
Analyte	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg	Result µg/Kg	*RL* µg/Kg
Phenol	U	333	U	1720	U	1700	U	1720
Bis-(2-chloroethyl) ether	U	333	U	1720	U	1700	U	1720
2-Chlorophenol	U	333	U	1720	U	1700	U	1720
1,3-Dichlorobenzene	U	333	U	1720	U	1700	U	1720
1,4-Dichlorobenzene	U	333	U	1720	U	1700	U	1720
Benzyl alcohol	U	333	U	1720	U	1700	U	1720
1,2-Dichlorobenzene	U	333	U	1720	U	1700	U	1720
2-Methylphenol	U	333	U	1720	U	1700	U	1720
Bis-(2-chloroisopropyl) ether	U	333	U	1720	U	1700	U	1720
4-Methylphenol	U	333	U	1720	U	1700	U	1720
N-Nitroso-di-n-propylamine	U	333	U	1720	U	1700	U	1720
Hexachloroethane	U	333	U	1720	U	1700	U	1720
Nitrobenzene	U	333	U	1720	U	1700	U	1720
Isophorone	U	333	U	1720	U	1700	U	1720
2-Nitrophenol	U	333	U	1720	U	1700	U	1720
2,4-Dimethylphenol	U	333	U	1720	U	1700	U	1720
Bis-(2-chloroethoxy) methane	U	333	U	1720	U	1700	U	1720
2,4-Dichlorophenol	U	333	U	1720	U	1700	U	1720
1,2,4-Trichlorobenzene	U	333	U	1720	U	1700	U	1720
Naphthalene	U	333	U	1720	U	1700	U	1720
4-Chloroaniline	U	333	U	1720	U	1700	U	1720
Hexachlorobutadiene	U	333	U	1720	U	1700	U	1720
4-Chloro-3-methylphenol	U	333	U	1720	U	1700	U	1720
2-Methylnaphthalene	U	333	U	1720	U	1700	U	1720
Hexachlorocyclopentadiene	U	333	U	1720	U	1700	U	3440
2,4,6-Trichlorophenol	U	333	U	1720	U	1700	U	1720
2,4,5-Trichlorophenol	U	333	U	1720	U	1700	U	1720
2-Chloronaphthalene	U	333	U	1720	U	1700	U	1720
2-Nitroaniline	U	333	U	1720	U	1700	U	3440
Dimethylphthalate	U	333	U	1720	U	1700	U	1720
Acenaphthylene	U	333	U	1720	U	1700	U	1720
2,6-Dinitrotoluene	U	333	U	1720	U	1700	U	3440
3-Nitroaniline	U	333	U	1720	U	1700	U	1720
Acenaphthene	U	333	U	1720	U	1700	U	1720
2,4-Dinitrophenol	U	333	U	1720	U	1700	U	1720
4-Nitrophenol	U	333	U	1720	U	1700	U	1720
Dibenzofuran	U	333	U	1720	U	1700	U	1720
2,4-Dinitrotoluene	U	333	U	1720	U	1700	U	1720
Diethylphthalate	U	333	U	1720	U	1700	U	1720
4-Chlorophenyl-phenylether	U	333	U	1720	U	1700	U	1720
Fluorene	U	333	U	1720	U	1700	U	1720
4-Nitroaniline	U	333	U	1720	U	1700	U	1720
4,6-Dinitro-2-methylphenol	U	333	U	1720	U	1700	U	1720
N-Nitrosodiphenylamine	U	333	U	1720	U	1700	U	1720
4-Bromophenyl-phenylether	U	333	U	1720	U	1700	U	1720
Hexachlorobenzene	U	333	U	1720	U	1700	U	1720
Pentachlorophenol	U	333	U	1720	U	1700	U	1720
Phenanthrene	U	333	U	1720	U	1700	U	1720
Anthracene	U	333	U	1720	U	1700	U	1720
Carbazole	U	333	U	1720	U	1700	U	1720
Di-n-butylphthalate	U	333	U	1720	U	1700	U	1720
Fluoranthene	U	333	U	1720	U	1700	U	1720
Pyrene	U	333	U	1720	U	1700	U	1720
Butylbenzylphthalate	U	333	U	1720	U	1700	431 J	3440
Benzo(a)anthracene	U	333	U	1720	U	1700	U	1720
3,3'-Dichlorobenzidine	U	333	U	1720	U	1700	U	1720
Chrysene	U	333	U	1720	U	1700	U	1720
Bis-(2-ethylhexyl) phthalate	U	333	3350	1720	651 J	1700	601 J	1720
Di-n-octylphthalate	U	333	U	1720	U	1700	U	1720
Benzo(b)fluoranthene	U	333	U	1720	U	1700	U	3440
Benzo(k)fluoranthene	U	333	U	1720	U	1700	U	1720
Benzo(a)pyrene	U	333	U	1720	U	1700	U	3440
Indeno(1,2,3-cd)pyrene	U	333	U	1720	U	1700	U	3440
Dibenzo(a,h)anthracene	U	333	U	1720	U	1700	U	3440
Benzo(g,h,i)perylene	U	333	U	1720	U	1700	1420 J	1720

REAC, Edison, NJ
(732) 321-4200
EPA Contract ~~68-C99-222~~ (CLS)
EP-C-04-032

CHAIN OF CUSTODY RECORD

Project Name: CIRCUITRON CORP
Project Number: EAC401EAC00132
LM Contact: DAN PATEL Phone: 609-865-9315

132-043009-0001 1 of 2
No: ~~01755~~ (14)
Sheet 01 of 01 (Do not copy)
(for addnl. samples use new form)

WO#R905004

Sample Identification — **Analyses Requested**

REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	VOC	SVOC	Metals+Hg		
01	132-8001	WSC-01	S	04/28/09	1	8-oz CWM/NONE	X	X			
02	132-8007	WSC-07	S	04/28/09	1		X	X			
03	132-8013	~~WSC-0~~ WSC-13	S	04/28/09	1		X	X			
04	132-8019	WSC-19	S	04/28/09	1		X	X			
05	132-8025	WSC-25	S	04/28/09	1		X	X			
06	132-8033	WSC-29SW	S	04/30/09	1		X	X			
07	132-8031	WSC-29C	S	04/30/09	3		X	X	X		
08	132-8004	WSC-04	S	04/28/09	1		X		X		
09	132-8010	WSC-10	S	04/28/09	1		X		X		
10	132-8016	WSC-16	S	04/28/09	1		X		X		
11	132-8022	WSC-22	S	04/28/09	1		X		X		
12	132-8028	WSC-28	S	04/28/09	1		X		X		
13	132-8029	WSC-29NE	S	04/30/09	1		X		X		
14	132-8002	WSC-02	S	04/28/09	1		X				
15	132-8003	WSC-03	S	04/28/09	1		X				
16	132-8005	WSC-05	S	04/28/09	1		X				
17	132-8006	WSC-06	S	04/28/09	1		X				
18	132-8008	WSC-08	S	04/28/09	3		X				
19	132-8009	WSC-09	S	04/28/09	1		X				

Matrix:

A- Air
AT-Animal Tissue
DL- Drum Liquids
DS- Drum Solids
GW- Groundwater
O- Oil
PR-Product
PT-Plant Tissue
PW- Potable Water
S- Soil
SD- Sediment
SL- Sludge
SW- Surface Water
TX-TCLP Extract
W- Water
X- Other

Special Instructions:

Use 132-8008, 132-8018, 132-8031 for MS/MSD.

Samples 01 to 07 were aliquoted for SVOC analysis 5/2/09

Received 6°C 5/1/09

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished by	Date	Received by	Date	Time
19/ANALYSIS	C. SKUNEY Cindy	05/01/09	[illegible]	5/1/09	15:10	All/Analysis	[illegible]	5/1/09	A-HV dge	5/1/09	1610
7/Metals	A-HV dge	05/04/09	[illegible]	5/4/09	8:45						

☆ U.S. GPO -521-151

Lockheed Martin Technology Services Group
Environmental Services REAC
2890 Woodbridge Avenue, Building 209 Annex Edison, NJ 08837-3679
Telephone 732-321-4200 Facsimile 732-494-4021

LOCKHEED MARTIN

DATE: 05/14/09

TO: Mr. Raj Singhvi, U. S. EPA/ERT

Thru: Vinod Kansal, Analytical Section Leader, REAC Vinod Kansal

FROM: Jay Patel, Inorganic Group Leader, REAC Jay Patel

SUBJECT: Preliminary Results of Project: Circuitoom site WA# EAC00132

Attached please find the preliminary results of the above referenced project for the following samples.

NO QC EVALUATION/VALIDATION HAS BEEN PERFORMED
DATA VALIDITY IS UNSUBSTANTIATED
AND THE DATA SHOULD BE USED WITH DISCRETION

Chain of Custody No.	# of samples	Matrix	Analyses
132-043009-0001	7	Soil	TAL metals
(Page 1 of 2)			

CC: Central File # EAC00132

Vinod Kansal — Analytical Section Leader, REAC

T. Johnson — Work Assignment Manager, U. S. EPA/ERT

D. Patel — Task Leader, REAC

L. Martin — Hazardous Waste Co-ordinator, REAC

Method REAC SOP 1811/1832

Table 1.x (cont.) Results of the Analysis for Metals in Soil
WA # 0-132 Circuitron site
Results Based on Dry Weight
NO QC EVALUATION / VALIDATION HAS BEEN PERFORMED

Sample No.	Method Blank-050409		132-8031		132-8004		132-8010		132-8016		132-8022	
Location	Lab		WSC-29C		WSC-04		WSC-10		WSC-16		WSC-22	
% Solids	NA		97		87		98		86		87	
REAC Lab No.	NA		R905004-07		R905004-08		R905004-09		R905004-10		R905004-11	
Analyte	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg
Aluminum	U	20.0	1140	16.8	753	14.4	681	15.3	1000	15.3	663	17.4
Antimony	U	1.40	U	1.17	U	1.01	U	1.07	U	1.07	U	1.22
Arsenic	U	1.60	U	1.34	U	1.15	U	1.23	1.60	1.22	U	1.39
Barium	U	0.400	6.50	0.335	4.10	0.287	3.62	0.307	5.01	0.306	4.25	0.348
Beryllium	U	0.300	U	0.251	U	0.216	U	0.230	U	0.229	U	0.261
Cadmium	U	0.400	U	0.335	U	0.287	U	0.307	U	0.306	U	0.348
Calcium	U	9.90	2910	8.30	1630	7.11	376	7.60	1210	7.57	531	8.62
Chromium	U	0.500	4.90	0.419	3.23	0.359	2.79	0.384	4.87	0.382	3.45	0.435
Cobalt	U	0.400	0.888	0.335	0.822	0.287	0.466	0.307	0.708	0.306	0.404	0.348
Copper	U	0.700	291	0.587	82.1	0.503	73.0	0.537	62.5	0.535	16.3	0.610
Iron	U	15.0	3630	12.6	5080	10.8	2020	11.5	3840	11.5	1980	13.1
Lead	U	1.00	28.2	0.838	2.29	0.718	1.50	0.767	2.33	0.765	1.39	0.871
Magnesium	U	20.0	1710	16.8	985	14.4	285	15.3	700	15.3	244	17.4
Manganese	U	0.400	45.1	0.335	39.1	0.287	19.2	0.307	34.4	0.306	19.0	0.348
Mercury	U	0.040	0.0491	0.0333	U	0.025	U	0.0305	U	0.0342	U	0.0333
Nickel	U	0.600	2.57	0.503	2.78	0.431	2.05	0.460	2.26	0.459	1.38	0.522
Potassium	U	25.0	115	21.0	89.6	18.0	74.8	19.2	101	19.1	69.3	21.8
Selenium	U	1.30	U	1.09	U	0.934	U	0.997	U	0.994	U	1.13
Silver	U	0.500	1.52	0.419	U	0.359	U	0.384	U	0.382	U	0.435
Sodium	U	100	U	83.8	U	71.8	U	76.7	U	76.5	U	87.1
Thallium	U	1.80	U	1.51	U	1.29	U	1.38	U	1.38	U	1.57
Vanadium	U	0.400	7.68	0.335	3.01	0.287	1.77	0.307	3.88	0.306	2.21	0.348
Zinc	U	3.10	41.3	2.60	10.4	2.23	5.72	2.38	7.87	2.37	3.62	2.70

RL denotes Reporting Limit
U denotes Not Detected

Preliminary Results
Data Not Validated

Method REAC SOP 1811/1832

Table 1.x (cont.) Results of the Analysis for Metals in Soil
WA # 0-132 Circuitron site
Results Based on Dry Weight
NO QC EVALUATION / VALIDATION HAS BEEN PERFORMED

Sample No.	132-8028		132-8029	
Location	WSC-28		WSC-29NE	
% Solids	98		97	
REAC Lab No.	R905004-12		R905004-13	
Analyte	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg
Aluminum	1230	15.5	1120	15.5
Antimony	U	1.08	U	1.09
Arsenic	U	1.24	1.32	1.24
Barium	6.64	0.309	5.39	0.310
Beryllium	U	0.232	U	0.233
Cadmium	U	0.309	U	0.310
Calcium	2110	7.65	2120	7.67
Chromium	3.52	0.387	5.45	0.388
Cobalt	0.855	0.309	0.820	0.310
Copper	52.0	0.541	407	0.543
Iron	2590	11.6	3460	11.6
Lead	4.15	0.773	23.6	0.775
Magnesium	1040	15.5	1210	15.5
Manganese	36.9	0.309	34.2	0.310
Mercury	U	0.0314	0.0573	0.0303
Nickel	3.12	0.464	2.27	0.465
Potassium	123	19.3	101	19.4
Selenium	U	1.00	U	1.01
Silver	U	0.387	1.55	0.388
Sodium	U	77.3	U	77.5
Thallium	U	1.39	U	1.40
Vanadium	3.50	0.309	4.01	0.310
Zinc	26.6	2.40	35.1	2.40

RL denotes Reporting Limit
U denotes Not Detected

Preliminary Results
Data Not Validated

REAC, Edison, NJ
(732) 321-4200
EPA Contract ~~68-C99-223~~ (CLS)
EP-C-04-032

CHAIN OF CUSTODY RECORD

Project Name: CIRCUITRON CORP
Project Number: EAC401EAC00132
LM Contact: DAN PATEL Phone: 609-865-9315

132-043009-0001 1 of 2
No: ~~01755~~ (LM)
Sheet 01 of 01 (Do not copy)
(for addnl. samples use new form)

WO#905004

Sample Identification — **Analyses Requested**

REAC#	Sample No	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	VOC	SVOC	Metals+Hg		
01	132-8001	WSC-01	S	04/28/09	1	8-oz CWM/NONE	X	X			
02	132-8007	WSC-07	S	04/28/09	1		X	X			
03	132-8013	~~WSC-0~~ WSC-13	S	04/28/09	1		X	X			
04	132-8019	WSC-19	S	04/28/09	1		X	X			
05	132-8025	WSC-25	S	04/28/09	1		X	X			
06	132-8033	WSC-29SW	S	04/30/09	1		X	X			
07	132-8031	WSC-29C	S	04/30/09	3		X	X	X		
08	132-8004	WSC-04	S	04/28/09	1		X		X		
09	132-8010	WSC-10	S	04/28/09	1		X		X		
10	132-8016	WSC-16	S	04/28/09	1		X		X		
11	132-8022	WSC-22	S	04/28/09	1		X		X		
12	132-8028	WSC-28	S	04/28/09	1		X		X		
13	132-8029	WSC-29NE	S	04/30/09	1		X		X		
14	132-8002	WSC-02	S	04/28/09	1		X				
15	132-8003	WSC-03	S	04/28/09	1		X				
16	132-8005	WSC-05	S	04/28/09	1		X				
17	132-8006	WSC-06	S	04/28/09	1		X				
18	132-8008	WSC-08	S	04/28/09	3		X				
19	132-8009	WSC-09	S	04/28/09	1		X				

Matrix:

A- Air	PW- Potable Water
AT-Animal Tissue	S- Soil
DL- Drum Liquids	SD- Sediment
DS- Drum Solids	SL- Sludge
GW- Groundwater	SW- Surface Water
O- Oil	TX-TCLP Extract
PR-Product	W- Water
PT-Plant Tissue	X- Other

Special Instructions:
Use 132-8008, 132-8018, 132-8031 for MS/MSD.

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #:

Received 6°C 5/1/09

Items/Reason	Relinquished by	Date	Received by	Date	Time
19/ANALYSIS	C. SKLANEY Courier	05/01/09	[illegible]	5/1/09	15:10
7/metals	A-TV-Lyle	5/4/09	C Hasson	5/4/09	8:35

Items/Reason	Relinquished by	Date	Received by	Date	Time
All/Analysis	[illegible]	5/1/09	A-TV-Lyle	5/1/09	1610

☆ U.S. GPO: 2000-521-151

ATTACHMENT 7

LONG ISLAND ANALYTICAL LABORATORIES REPORT
FOR AN INDEPENDENT WASTE CHARACTERIZATION SOIL SAMPLE
COLLECTED BY AARCO ENVIRONMENT, ON NOVEMBER 10, 2009

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL #1187775

November 16, 2009

AARCO Environmental
Steve Plofker
50 Gear Avenue
Lindenhurst, NY 11757

Re: 82 Milbar, Farmingdale

Dear Mr. Plofker:

Enclosed please find the Laboratory Analysis Report(s) for sample(s) received on November 10, 2009. Long Island Analytical Laboratories analyzed the samples on November 13, 2009 for the following:

CLIENT ID	ANALYSIS
Rolloff Drums	EPA 8260, EPA 8270, PCB Scan, TCLP (11) Metals, TPH 8015, RIC, and Paint Filter

Samples received at 1.4°C.

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted with the appropriate flag. Report shall not be reproduced except in full, without the written approval of the laboratory. Results relate only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.

Client: AARCO	Client ID: 82 Milbar, Farmingdale (Rolloff/Drums)
Date received: 11/10/09	Laboratory ID: 1187775
Date extracted: 11/11/09	Matrix: Soil
Date analyzed: 11/11/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,1,1,2-TETRACHLOROETHANE	630-20-6	5.23	<5.23	
1,1,1-TRICHLOROETHANE	71-55-6	5.23	<5.23	
1,1,2,2-TETRACHLOROETHANE	79-34-5	5.23	<5.23	
1,1,2-TRICHLOROETHANE	79-00-5	5.23	<5.23	
1,1-DICHLOROETHANE	75-34-3	5.23	<5.23	
1,1-DICHLOROETHENE	75-35-4	5.23	<5.23	
1,1-DICHLOROPROPENE	563-58-6	5.23	<5.23	
1,2,3-TRICHLOROBENZENE	87-61-6	5.23	<5.23	2.B
1,2,3-TRICHLOROPROPANE	96-18-4	5.23	<5.23	
1,2,4-TRICHLOROBENZENE	120-82-1	5.23	<5.23	
1,2,4-TRIMETHYLBENZENE	95-63-6	5.23	<5.23	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	5.23	<5.23	
1,2-DIBROMOETHANE	106-93-4	5.23	<5.23	
1,2-DICHLOROBENZENE	95-50-1	5.23	<5.23	
1,2-DICHLOROETHANE	107-06-2	5.23	<5.23	
1,2-DICHLOROPROPANE	78-87-5	5.23	<5.23	
1,3,5-TRIMETHYLBENZENE	108-67-8	5.23	<5.23	
1,3-DICHLOROBENZENE	541-73-1	5.23	<5.23	
1,3-DICHLOROPROPANE	142-28-9	5.23	<5.23	
1,4-DICHLOROBENZENE	106-46-7	5.23	<5.23	
2,2-DICHLOROPROPANE	594-20-7	5.23	<5.23	
2-BUTANONE (MEK)	78-93-3	10.5	<10.5	
2-CHLOROETHYL VINYL ETHER	110-75-8	5.23	<5.23	
2-CHLOROTOLUENE	95-49-8	5.23	<5.23	
2-HEXANONE	591-78-6	5.23	<5.23	
4-CHLOROTOLUENE	106-43-4	5.23	<5.23	
ACETONE	67-64-1	52.3	<52.3	
ACRYLONITRILE	107-13-1	52.3	<52.3	
BENZENE	71-43-2	5.23	<5.23	
BROMOBENZENE	108-86-1	5.23	<5.23	
BROMOCHLOROMETHANE	74-97-5	5.23	<5.23	
BROMODICHLOROMETHANE	75-27-4	5.23	<5.23	
BROMOFORM	75-25-2	5.23	<5.23	
BROMOMETHANE	74-83-9	5.23	<5.23	
CARBON DISULFIDE	75-15-0	5.23	<5.23	
CARBON TETRACHLORIDE	56-23-5	5.23	<5.23	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

EPA Method: 8260B

Client: AARCO	Client ID: 82 Milbar, Farmingdale (Rolloff/Drums)
Date received: 11/10/09	Laboratory ID: 1187775
Date extracted: 11/11/09	Matrix: Soil
Date analyzed: 11/11/09	ELAP #: 11693

EPA METHOD 8260B

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
CHLOROBENZENE	108-90-7	5.23	<5.23	
CHLOROETHANE	75-00-3	5.23	<5.23	
CHLOROETHENE (VINYL CHLORIDE)	75-01-4	5.23	<5.23	
CHLOROFORM	67-66-3	5.23	<5.23	
CHLOROMETHANE	74-87-3	5.23	<5.23	
cis[Z]-1,2DICHLOROETHENE	156-59-2	5.23	<5.23	
cis[Z]-1,3-DICHLOROPROPENE	10061-01-5	5.23	<5.23	
DIBROMOCHLOROMETHANE	124-48-1	5.23	<5.23	
DIBROMOMETHANE	74-95-3	5.23	<5.23	
DICHLORODIFLUOROMETHANE	75-71-8	5.23	<5.23	
ETHYLBENZENE	100-41-4	5.23	<5.23	
HEXACHLOROBUTADIENE	87-68-3	5.23	<5.23	
ISOPROPYLBENZENE	98-82-8	5.23	<5.23	
METHYL ISOBUTYL KETONE(MIBK)	108-10-1	5.23	<5.23	
METHYLENE CHLORIDE	75-09-2	5.23	<5.23	
MTBE	1634-04-4	5.23	<5.23	
NAPHTHALENE	91-20-3	5.23	<5.23	
n-BUTYLBENZENE	104-51-8	5.23	<5.23	
n-PROPYLBENZENE	103-65-1	5.23	<5.23	
o-XYLENE	95-47-6	5.23	<5.23	
p&m-XYLENE	1330-20-7	10.5	<10.5	
p-ISOPROPYLTOLUENE	99-87-6	5.23	<5.23	
sec-BUTYLBENZENE	135-98-8	5.23	<5.23	
STYRENE	100-42-5	5.23	<5.23	
tert-BUTYLBENZENE	98-06-6	5.23	<5.23	
TETRACHLOROETHYLENE	127-18-4	5.23	<5.23	
TOLUENE	108-88-3	5.23	<5.23	
trans[E]-1,2-DICHLOROETHENE	156-60-5	5.23	<5.23	
trans[E]-1,3-DICHLOROPROPENE	10061-02-6	5.23	<5.23	
TRICHLOROETHYLENE	79-01-6	5.23	<5.23	
TRICHLOROMONOFLUOROMETHANE	75-69-4	5.23	<5.23	
VINYL ACETATE	108-05-4	5.23	<5.23	

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Method: 8260B

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.

110 Colin Drive • Holbrook, New York 11741

Client: AARCO	Client ID: 82 Milbar, Farmingdale (Rolloff/Drums)
Date received: 11/10/09	Laboratory ID: 1187775
Date extracted: 11/11/09	Matrix: Soil
Date analyzed: 11/11/09	ELAP #: 11693

EPA METHOD 8270C

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
1,2,4-TRICHLOROBENZENE	120-82-1	41.9	<41.9	4,B
1,2-DICHLOROBENZENE	95-50-1	41.9	<41.9	4,B
1,3-DICHLOROBENZENE	541-73-1	41.9	<41.9	4,B
1,4-DICHLOROBENZENE	106-46-7	41.9	<41.9	4,B
2,4,5-TRICHLOROPHENOL	95-95-4	41.9	<41.9	4,B
2,4,6-TRICHLOROPHENOL	88-06-2	41.9	<41.9	4,B
2,4-DICHLOROPHENOL	120-83-2	41.9	<41.9	4,B
2,4-DIMETHYPHENOL	105-67-9	41.9	<41.9	4,B
2,4-DINITROPHENOL	51-28-5	41.9	<41.9	4,B
2,4-DINITROTOLUENE	121-14-2	41.9	<41.9	4,B
2,6-DINITROTOLUENE	606-20-2	41.9	<41.9	4,B
2-CHLORONAPHTHALENE	91-58-7	41.9	<41.9	4,B
2-CHLOROPHENOL	95-57-8	41.9	<41.9	4,B
2-METHYLNAPHTHALENE	91-57-6	41.9	<41.9	4,B
2-METHYLPHENOL	95-48-7	41.9	<41.9	4,B
2-NITROANILINE	88-74-4	41.9	<41.9	4,B
2-NITROPHENOL	88-75-5	41.9	<41.9	4,B
3,3-DICHLOROBENZIDINE	91-94-1	41.9	<41.9	4,B
3+4-METHYLPHENOL	15831-10-4	41.9	<41.9	4,B
3-NITROANILINE	99-09-2	41.9	<41.9	4,B
4,6-DINITRO-2-METHYPHENOL	534-52-1	41.9	<41.9	4,B
4-BROMOPHENYL-PHENYL ETHER	101-55-3	41.9	<41.9	4,B
4-CHLORO-3-METHYLPHENOL	59-50-7	41.9	<41.9	4,B
4-CHLOROANILINE	106-47-8	41.9	<41.9	4,B
4-CHLOROPHENYL-PHENYL ETHER	7005-72-3	41.9	<41.9	4,B
4-NITROANILINE	100-01-6	41.9	<41.9	4,B
4-NITROPHENOL	100-02-7	41.9	<41.9	4,B
ACENAPHTHENE	83-32-9	41.9	<41.9	4,B
ACENAPHTHYLENE	208-96-8	41.9	<41.9	4,B
ANILINE	62-53-3	41.9	<41.9	4,B
ANTHRACENE	120-12-7	41.9	<41.9	4,B
BENZO-a-ANTHRACENE	56-55-3	41.9	<41.9	4,B
BENZO-a-PYRENE	50-32-8	41.9	<41.9	4,B
BENZO-b-FLUORANTHENE	205-99-2	41.9	48.8	4,B
BENZO-g,h,i-PERYLENE	191-24-2	41.9	<41.9	4,B
BENZO-k-FLUORANTHENE	207-08-9	41.9	<41.9	4,B

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Method: 8270C

Client: AARCO	Client ID: 82 Milbar, Farmingdale (Rolloff/Drums)
Date received: 11/10/09	Laboratory ID: 1187775
Date extracted: 11/11/09	Matrix: Soil
Date analyzed: 11/11/09	ELAP #: 11693

EPA METHOD 8270C

PARAMETER	CAS No.	MDL ug/kg	RESULTS ug/kg	FLAG
BENZYL ALCOHOL	100-51-6	41.9	<41.9	4.B
bis(2-CHLOROETHOXY)METHANE	111-91-1	41.9	<41.9	4.B
bis(2-CHLOROETHYL)ETHER	111-44-4	41.9	<41.9	4.B
bis(2-CHLOROISOPROPYL)ETHER	108-60-1	41.9	<41.9	4.B
bis(2-ETHYLHEXYL)PHTHALATE	117-81-7	523	7,217	
BUTYLBENZYLPHTHALATE	85-68-7	41.9	<41.9	4.B
CARBAZOLE	86-74-8	41.9	<41.9	4.B
CHRYSENE	218-01-9	41.9	<41.9	4.B
DIBENZO-a,h-ANTHRACENE	53-70-3	41.9	<41.9	4.B
DIBENZOFURAN	132-64-9	41.9	<41.9	4.B
DIETHYLPHTHALATE	84-66-2	41.9	<41.9	4.B
DIMETHYLPHTHALATE	131-11-3	41.9	<41.9	4.B
DI-n-BUTYLPHTHALATE	84-74-2	523	<523	
DI-n-OCTYLPHTHALATE	117-84-0	41.9	<41.9	4.B
FLUORANTHENE	206-44-0	41.9	45.3	4.B
FLUORENE	86-73-7	41.9	<41.9	4.B
HEXACHLOROBENZENE	118-74-1	41.9	<41.9	4.B
HEXACHLOROBUTADIENE	87-68-3	41.9	<41.9	4.B
HEXACHLOROCYCLOPENTADIENE	77-47-4	41.9	<41.9	4.J 4.B
HEXACHLOROETHANE	67-72-1	41.9	<41.9	4.B
INDENO(1,2,3-c,d)PYRENE	193-39-5	41.9	<41.9	4.B
ISOPHORONE	78-59-1	41.9	<41.9	4.B
NAPHTHALENE	91-20-3	41.9	<41.9	4.B
NITROBENZENE	98-95-3	41.9	<41 9	4.B
n-NITROSODIMETHYLAMINE	62-75-9	41.9	<41.9	4.B
n-NITROSODI-n-PROPYLAMINE	621-64-7	41.9	<41.9	4.B
n-NITROSODIPHENYLAMINE	86-30-6	41.9	<41.9	4.B
PENTACHLOROPHENOL	87-86-5	41.9	<41.9	4.B
PHENANTHRENE	85-01-8	41.9	<41.9	4.B
PHENOL	108-95-2	41.9	<41.9	4.B
PYRENE	129-00-0	41.9	<41.9	4.B

MDL = Minimum Detection Limit

Calculated on a dry weight basis

Method: 8270C

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES INC.

110 Colin Drive · Holbrook, New York 11741

Client: AARCO	Client ID: 82 Milbar, Farmingdale (Rolloff/Drums)
Date received: 11/10/09	Laboratory ID: 1187775
Date extracted: 11/13/09	Matrix: Soil
Date analyzed: 11/13/09	ELAP #: 11693

EPA METHOD 8082 AROCHLORS

PARAMETER	CAS No.	MDL	RESULTS ug/kg	FLAG
AROCHLOR-1016	12674-11-2	209 ug/kg	<209	
AROCHLOR-1221	1104-28-2	209 ug/kg	<209	
AROCHLOR-1232	11141-16-5	209 ug/kg	<209	
AROCHLOR-1242	53469-21-9	209 ug/kg	<209	
AROCHLOR-1248	12672-29-6	209 ug/kg	<209	
AROCHLOR-1254	11097-69-1	209 ug/kg	<209	
AROCHLOR-1260	11096-82-5	209 ug/kg	<209	

MDL = Minimum Detection Limit.

Calculated on a dry weight basis

Michael Veraldi

Michael Veraldi-Laboratory Director

Client: AARCO	Client ID: 82 Milbar, Farmingdale (Rolloff/Drums)
Date received: 11/10/09	Laboratory ID: 1187775
Date extracted: 11/11/09	Matrix: Soil
Date analyzed: See Below	ELAP #: 11693

TCLP METALS ANALYSIS

PARAMETER	MDL	REGULATORY LIMIT	DATE ANALYZED	RESULTS mg/L	FLAG
SILVER, Ag	0.05 mg/L	5.00 PPM	11/12/09	<0.05	
BARIUM, Ba	1.00 mg/L	100.00 PPM	11/12/09	<1.00	
BERYLIUM, Be	0.05 mg/L	1.00 PPM	11/12/09	<0.05	
CADMIUM, Cd	0.05 mg/L	1.00 PPM	11/12/09	<0.05	
SELENIUM, Se	0.05 mg/L	1.00 PPM	11/12/09	<0.05	
LEAD, Pb	0.05 mg/L	5.00 PPM	11/12/09	<0.05	
MERCURY, Hg•	0.020 mg/L	0.20 PPM	11/12/09	<0.020	
ARSENIC, As	0.05 mg/L	5.00 PPM	11/12/09	<0.05	
CHROMIUM, Cr	0.05 mg/L	5.00 PPM	11/12/09	<0.05	
COPPER, Cu	0.05 mg/L	N/A	11/12/09	1.26	
NICKEL, Ni	0.05 mg/L	N/A	11/12/09	<0.05	
ZINC, Zn	0.05 mg/L	N/A	11/12/09	0.15	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

Method: SW846, 1311 extraction tclp, EPA 200.7

•Method: EPA 245.2

Michael Veraldi

Michael Veraldi-Laboratory Director

Client: AARCO	Client ID: 82 Milbar, Farmingdale (Rolloff/Drums)
Date received: 11/10/09	Laboratory ID: 1187775
Date analyzed: See Below	Matrix: Soil

ANALYTICAL REPORT

PARAMETER	MDL	DATE ANALYZED	RESULTS	Flag
TPH 8015	105 mg/kg	11/13/09	<105 mg/kg	
Paint Filter[1]*	N/A	11/12/09	Negative	
Flash Point[2]*	N/A	11/13/09	>140° F	
pH[3]*	N/A	11/11/09	9.13 units	1.C
Reactivity as:[4]*	cn: 5.0 mg/kg s: 2.0 mg/kg	11/13/09	cn: <5.0 mg/kg s: <2.0 mg/kg	

MDL = Minimum Detection Limit. Calculated on a dry weight basis

[1]*Method: EPA 9095
[2]*Method: EPA SW846,1010
[3]*Method: EPA SW846,9040
[4]*Method: EPA SW846 Chapter 7 Sect. 7.3.3.2
EPA SW846, Chapter 7 Sect 7.3.4.2

Michael Veraldi

Michael Veraldi-Laboratory Director

LONG ISLAND ANALYTICAL LABORATORIES, INC.
DATA REPORTING FLAGS

For reporting results, the following "Flags" are used:

1.A: Time not supplied by client, may have exceeded holding time
1.B: Holding time exceeded, results cannot be used for regulatory purposes
1.C: Holding time exceeded, analyze immediate parameter
1.D: Results based on volume supplied by client.

2.A: Sample received in incorrect container
2.B: Parameter not certifiable by NELAC.
2.C: Sample container received with head space
2.D: Cassette received without cap(s)
2.E: Sample not preserved, corrected upon receipt to a temperature of 4°C
2.F: Sample not preserved, corrected upon receipt with HNO_3 to pH <2
2.G: Sample not preserved, corrected upon receipt with HCL to pH <2
2.H: Sample not preserved, corrected upon receipt with H_2SO_4 to pH <2
2.I: Sample not preserved, corrected upon receipt with NaOH to pH >12
2.J: Sample not preserved, corrected upon receipt with $Na_2S_2O_3$

3.A: Minimum detection limit raised due to matrix interference
3.B: Minimum detection limit raised due to target compound interference
3.C: Minimum detection limit raised due to non-target compound interference
3.D: Minimum detection limit raised due to insufficient sample volume

4.A: Estimated concentration, exceeds calibration range
4.B: Data reported below the lower limit of quantitation and should be considered to have an increased quantitative uncertainty.
4.C: Target compound found in blank
4.D: QC affected by matrix
4.E: QC does not meet acceptance criteria
4.F: Spike recovery does not meet QC criteria due to high target concentration
4.G: Spike recovery out of range due to matrix interference
4.H: Spike recovery out of range due to matrix inconsistency
4.I: Dilution Water does not meet QC Criteria
4.J: Continuing Calibration Verification (CCV) quality control levels low
4.K: Continuing Calibration Verification (CCV) quality control levels high

5.A: Insufficient sample volume received
5.B: Preliminary results, cannot be used for regulatory purposes.
5.C: Sampling information not supplied and/or sample not taken by qualified technician, therefore verifiability of the report is limited to results only. Report cannot be used for regulatory purposes.
5.D: Unable to verify that the wipe samples submitted conform to ASTM E1792 or specifications issued by the EPA.
5.E: Level found exceeds the maximum contaminant level (MCL) as set by local, state or federal agencies.
5.F: Estimated value, result is less than the sample quantitation limit but greater than zero
5.G: Required detection limit set by ELAP cannot be achieved

6.A: Subcontractor ELAP #11398
6.B: Subcontractor ELAP #10320
6.C: Subcontractor NVLAP #102047.0
6.D: Subcontractor AIHA #103005
6.E: Subcontractor ELAP #11685
6.F: Subcontractor ELAP #10248
6.G: Subcontractor ELAP #10155
6.H: Subcontractor ELAP #10750
6.I: Subcontractor ELAP #11777
6.J: Subcontractor ELAP #10145
6.K: Subcontractor ELAP #11838

LONG ISLAND ANALYTICAL LABORATORIES INC.
110 Colin Drive • Holbrook, New York 11741 • Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@liainc.com

Pg ____ of ____

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT (13)

CLIENT NAME/ADDRESS: Delco Environmental	CONTACT: Collen Clark	SAMPLER (SIGNATURE) / DATE / TIME: Roger Jelagin 1-10-09	SAMPLE(S) SEALED: YES / NO
	PHONE: 631-586-5510	SAMPLER NAME (PRINT) / DATE / TIME	CORRECT CONTAINER(S): YES / NO
	FAX: 5865410		

0047586

PROJECT LOCATION: 82 Milbar Farmingdale

SAMPLES RECEIVED AT: 1.4 °C

TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month.

LABORATORY ID # (For Laboratory Use Only)	MATRIX	TYPE	PRES.	PH UNITS	RES. CHLORINE PPM	SAMPLE # - LOCATION	ANALYSIS REQUIRED: Pure Earth	# OF CONTAINERS
1. 09111	S	C				Rolloff / Drums	1	2
2.								
3.								
4.								
5.								
6.								
7.								
8.								
9.								
10.								
11.								
12.								
13.								
14.								

MATRIX: S=SOIL; SL=SLUDGE; L=LIQUID; DW=DRINKING WATER; A=AIR; W=WIPE; PC=PAINT CHIPS; BM= BULK MATERIAL, O=OIL
TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON
PRES: ICE, HCL, H_2SO_4, NAOH, $NA_2S_3O_3$

TURNAROUND REQUIRED: ~~NORMAL~~ ☐ STAT
BY / /

COMMENTS / INSTRUCTIONS: Pure Earth protocol attached

RELINQUISHED BY (SIGNATURE): Collen Clark	DATE: 1-10-09 TIME: 1400	PRINTED NAME	RECEIVED BY (SIGNATURE)	DATE: 1/10/09 TIME: 2:48	PRINTED NAME: Chris Orbe
RELINQUISHED BY (SIGNATURE)	DATE TIME	PRINTED NAME	RECEIVED BY SAMPLE CUSTODIAN	DATE: 1-10-09 TIME: 3:40	PRINTED NAME

WHITE - OFFICE / CANARY - LAB / PINK - SAMPLE CUSTODIAN / GOLDENROD - CLIENT NYSDOH ELAP# 11693 USEPA# NY01273 AIHA# 164456 CTDOH# PH-0284