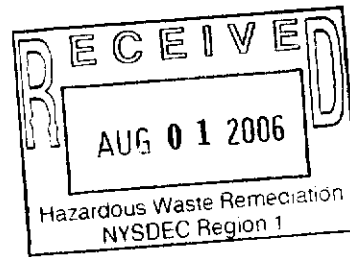


Suite 210  
520 Broad Hollow Road  
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<http://www.erm.com>



31 July 2006



Mr. Girish Desai, P.E.  
New York State Department of Environmental Conservation  
Region 1 Office - Division of Environmental Remediation  
SUNY Building 40  
Stony Brook, NY 11790

Re: Site Investigation Work Plan Addendum No. 1  
J&H Manufacturing Site - Carle Place, NY  
NYSDEC Site No. V-00684-1

Dear Girish:

On behalf of Volunteers CAWSL Enterprises, Inc. and AIC Ventures, ERM has prepared this Site Investigation Work Plan Addendum regarding the J&H Manufacturing facility in Carle Place, NY (the Site). This Addendum provides a detailed scope of work for the proposed additional investigation activities outlined in the Project Progress Report dated 3 May 2006. This Addendum also includes follow-up investigation on the initial soil sampling conducted pursuant to the approved "Site Investigation Work Plan" (ERM, January 2006).

The additional investigation activities covered by this Addendum include the following:

1. Additional investigation was previously proposed and discussed with NYSDEC to follow-up on soil gas detections on the eastern property boundary of the J&H site. Due to schedule requirements, this work was conducted in May and included the collection of sub-slab soil gas and indoor air samples on the neighboring Fun World site. These results are discussed below.
2. Additional investigation is proposed to further evaluate Volatile Organic Compounds (VOCs) detected in soil gas on the southern property boundary. The objective of this work is to confirm the initial results and further evaluate the origin of these VOCs (i.e., soil or groundwater source).
3. Additional investigation is proposed for further evaluation of the off-site Geoprobe groundwater profile sample results. VOCs were detected above

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the Class GA ground water standards in borings OS-03 and OS-04, generally in the intermediate sampling zone.

4. A dry well was detected at the southeast corner of the building by the geophysical survey conducted on 21 March 2006. As requested by NYSDEC a sample will be collected from the base of this structure and analyzed for TAL/TCL parameters.
5. The initial soil sampling conducted pursuant to the January 2006 Work Plan indicates the need for further delineation sampling in AOCs 1, 4 and 5.

A detailed description of the scope of work associated with each of the above investigation elements is provided below.

#### 1. Indoor Air and Sub-Slab Soil Gas Sampling on Fun World Site

Based on mutual agreement with Fun World, this work was conducted in May and was performed in accordance with the applicable sampling guidance (NYSDOH, February 2005). A description of the work performed is provided below, followed by an overview of the results.

One indoor air sample and one sub-slab soil gas sample were collected at Fun World on Saturday, 13 May 2006. The sample locations are shown on Figure 1 and were selected to be as close as possible to previous exterior soil gas sample location SV-01. The indoor air sample was moved slightly to the south to avoid occupied areas as well as the facility painting area.

The indoor air sample was collected at breathing height, approximately four feet above the floor slab. This sample was collected into a six-liter SUMMA® canister under a vacuum of approximately 30 inches of water column (WC). A two-hour flow controller was used to set the sample collection time. The indoor air sample was analyzed for VOCs using EPA Method TO-15.

The procedure for the sub-slab vapor sample began with drilling a one-inch diameter hole approximately one to two inches into the concrete slab using an electric hammer drill. A ½-inch drill bit was used to drill through the remaining thickness of the slab and approximately 3 inches into the sub-slab material. A section of 1/4-inch O.D. Teflon™ tubing was installed to the bottom of the concrete slab. The annular space

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between the one-inch hole and 1/4-inch tubing was sealed with melted beeswax. The Teflon™ tubing was purged using a PID, which also pre-screened the soil vapor for VOCs. The Teflon™ tubing was then attached to a six-liter SUMMA® canister via a two-hour flow controller. The sub-slab soil gas sample was analyzed for VOCs using EPA Method TO-15.

The sub-slab soil gas and indoor air analytical results are summarized in Table 1. It is noted that Site-related contaminants tetrachloroethene (PCE) and trichloroethene (TCE) were detected in the sub-slab sample at levels above their respective numerical criteria from the February 2005 NYSDOH guidance document. The indoor air sample was below the applicable criteria. These results indicate that continued monitoring is required based on the Decision Matrices in the aforementioned guidance.

Based on these findings, it is recommended that follow-up sampling consisting of one indoor air and one sub-slab soil gas sample be collected at Fun World during the 2006-2007 heating season.

## 2. Additional Investigation on Southern Property Boundary

As reported in the 3 May 2006 Progress Report, two exterior soil gas samples collected on the southern property boundary contained PCE and TCE at levels in excess of the numerical criteria in the February 2005 NYSDOH guidance. The Progress Report recommended further investigation to confirm the initial results and evaluate the source of these vapors. Two potential sources are hypothesized: (1) volatilization from ground water; and (2) a local soil-borne source. Two investigation components are therefore proposed:

- Install one shallow and one deep temporary soil gas sampling points using a Geoprobe at the locations of prior sample SV-07 (see Figure 1 for location). Two soil gas samples will be collected and analyzed for TO-15. The shallow sample will be collected five feet below grade and the deep sample will be collected twenty-five feet below grade. Both samples will be collected in accordance with the procedures described in the Interim Remedial Measure (IRM) Work Plan (ERM, February 2006). This will serve to confirm the initial data and evaluate whether the source is a shallow soil source or a deep ground water source.

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- Install one soil boring in the same area and collect two soil samples at the same depths described above. These samples will be analyzed for VOCs via Method 8260. These data will further serve to elucidate a shallow versus deep source and will also provide soil quality data to correlate to the soil gas results.

### 3. Off-Site Ground Water Investigation

Five off-site ground water quality vertical profile borings were installed along Old Country Road, in accordance with the January 2006 Work Plan. These results were previously reported in the 3 May 2006 Progress Report. Based on the detection of PCE, TCE and cis-1,2-dichloroethene (DCE) at levels above the New York State Ground Water Quality Standards, the Progress Report recommended additional investigation, which is discussed below.

Two new proposed wells will be installed as a shallow/deep cluster to provide permanent plume monitoring capability. These wells will be constructed with two-inch ID PVC, ten feet of No. 20 slot screen, and No. 2 Morie sand pack. A bentonite pellet seal will be installed above the sand pack and the remainder of the annular space will be filled with cement-bentonite grout. The wells will be secured at the surface with a locking cap inside a flush-mounted road box cemented in place. The screen zone of the shallow well will be 75-85 feet below grade; the deep well screen will be 95-105 feet below grade.

The two new wells will be sampled using a standard purging and sampling procedure in accordance with the methods prescribed by the January 2006 Work Plan. The samples will be analyzed for VOCs using Method 8260.

No additional investigation of ground water is believed to be necessary at this time. The detected concentrations at Old Country Road are already low and, to the extent these detections are site related, are expected to further decline over time due to the on-going remediation of the on-site VOC source area via soil vapor extraction. It is also noted that the Roosevelt Field PCE plume is located a short distance downgradient of Old Country Road and contains much higher concentrations than the J&H plume. In view of these factors, monitoring of the expected plume attenuation at Old Country Road is protective of human health and the environment.

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The off-site work described above will require access to third party property. The current plan is to place the proposed new wells in the public right-of-way, similar to the prior ground water vertical profile borings. This plan depends on identifying a suitable location on Nassau County property that does not conflict with known underground utilities. If such a location is not available, the wells will have to be moved to private property.

#### 4. Sediment Sampling in Dry Well at Southeast Corner of Site Building

The 3 May 2006 Progress Report documented the discovery of a previously unknown dry well located at the southeast corner of the Site building (see Figure 3 for location). NYSDEC subsequently requested that sediment from this structure be sampled. It is therefore proposed that two sediment samples will be collected from the bottom of this structure using a Geoprobe. The shallow sample will be collected from the upper sediment (i.e., 0.0 to 2.0 feet below the base). A deeper sample will be collected from 3.0 to 5.0 feet below the base. Both samples will be analyzed for TAL/TCL parameters. Sample collection methodology will comply with the January 2006 Site Investigation Work Plan.

#### 5. Soil/Sediment Sampling in AOCs 1, 4 and 5

All soil sampling required under the January 2006 Work Plan has been completed. Figure 3 is a map showing the sample locations. A full summary of the laboratory analyses is provided in Tables 2 through 5. A detailed evaluation of these results is given as Table 6.

As documented in these tables, the only AOCs with detected exceedences of the applicable criteria are AOCs 1, 4 and 5:

- AOC 1 - The sediment sample collected at the base of dry well SWCB-1 contained exceedences of the RSCOs and site background for PAHs, copper, nickel and zinc. Deeper sampling will be conducted for vertical delineation.
- AOC 4 - The soil sample collected in this area contained exceedences of the RSCOs and site background for PAHs. Additional sampling will be performed for both horizontal and vertical delineation.

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- AOC 5 - Sediment samples collected at the base on dry wells SWCB-2 and SWCB-3, as well as soil samples collected in the recharge basin, contained exceedences of the RSCOs and site background for PAHs, beryllium, chromium, copper, nickel and/or zinc. Deeper sampling will be performed for vertical delineation.

A summary of the above recommendations is provided in Table 7. Proposed sample locations are shown on Figure 3. All sampling will be conducted in accordance with the provisions of the January 2006 Work Plan.

Should you have any questions regarding the content of this Work Plan Addendum, please feel free to contact us at your convenience.

Very truly yours,



Michael B. Teetsel, C.P.G.  
Principal

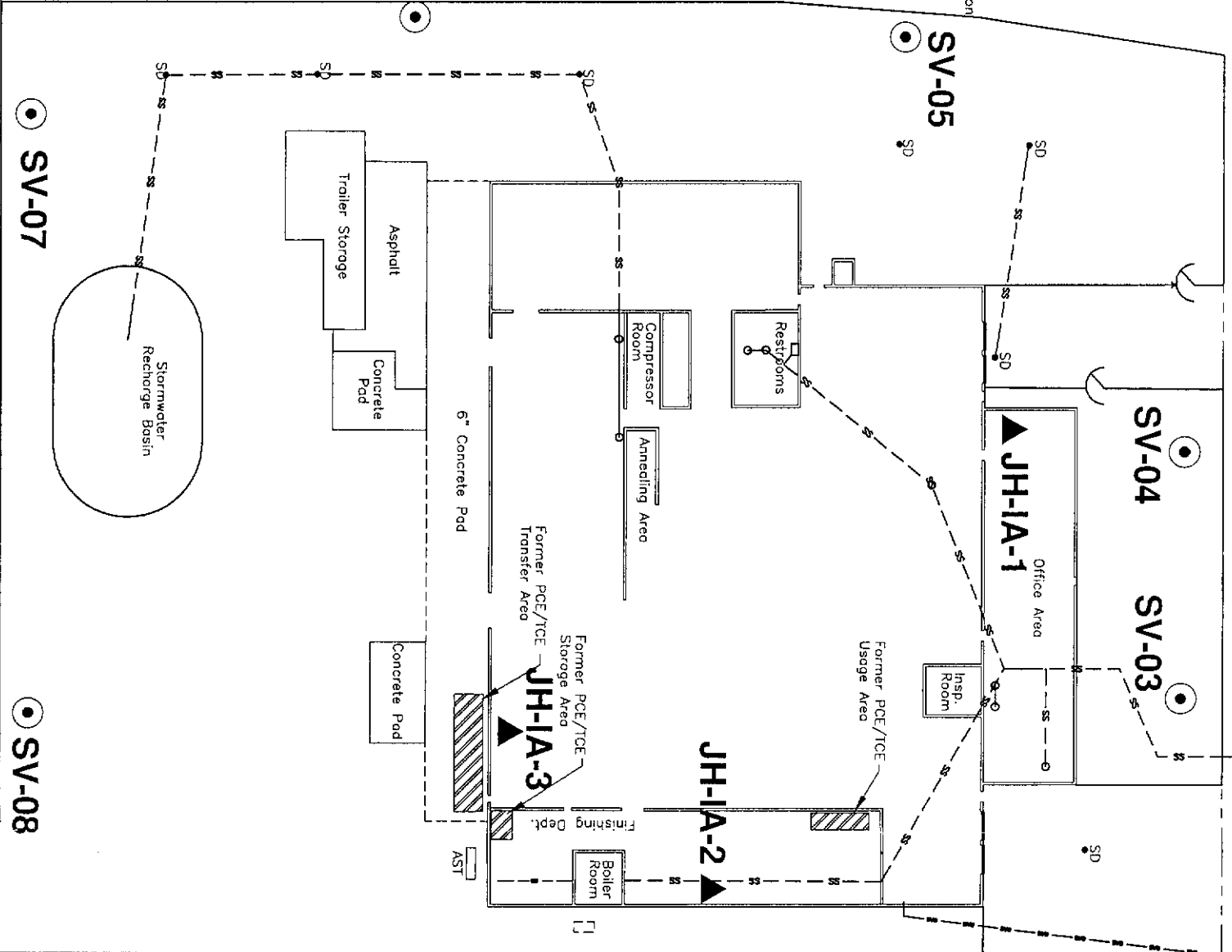
LIPA Electrical Substation  
Voice Rd.

Connection To  
Sanitary Sewer



WTHE 1520 Am Radio Station

Landscaping  
Equipment  
Storage &  
Warehouse



SV-05

SV-04

SV-03

SV-06

SV-07

SV-08

SV-02

SV-01

01-SS-F  
01-IA-

OS-04			
Constituent	NYSDEC TOGS	10/21/05	10/21/05
Tetrachloroethene	5	4 J	[25]
Trichloroethene	5	5 U	3 J
cis-1,2-Dichloroethene	5	5 U	[5]

OS-05			
Constituent	NYSDEC TOGS	10/24/05	10/24/05
Tetrachloroethene	5	64.00 - 68.00	75.00 - 79.00
Trichloroethene	5	5 U	5 U
cis-1,2-Dichloroethene	5	5 U	5 U

OS-03			
Constituent	NYSDEC TOGS	10/20/05	10/20/05
Tetrachloroethene	5	[15]	[52]
Trichloroethene	5	2 J	[4]
cis-1,2-Dichloroethene	5	5 U	[15]

OS-02			
Constituent	NYSDEC TOGS	10/19/05	10/19/05
Tetrachloroethene	5	56.00 - 60.00	75.00 - 79.00
Trichloroethene	5	5 U	5 U
cis-1,2-Dichloroethene	5	5 U	5 U

OS-01			
Constituent	NYSDEC TOGS	10/18/05	10/18/05
Tetrachloroethene	5	55.00 - 59.00	75.00 - 79.00
Trichloroethene	5	1 J	4 J
cis-1,2-Dichloroethene	5	5 U	5 U

LONG ISLAND RAILROAD

OLD COUNTRY ROAD

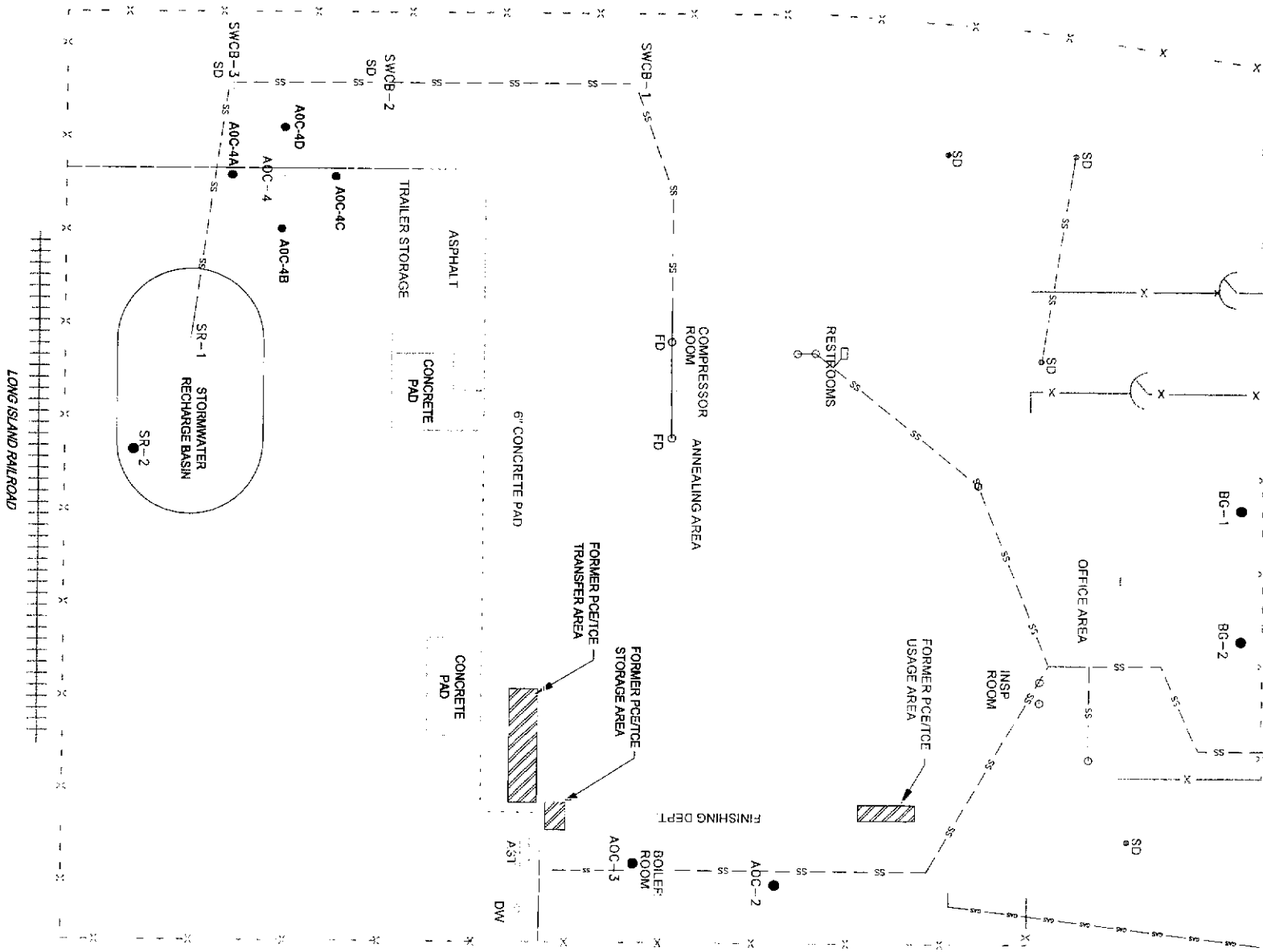
5 ROAD





WTHE 1520 AM RADIO STATION

LANDSCAPING EQUIPMENT STORAGE & WHAREHOUSE



FUN WORLD



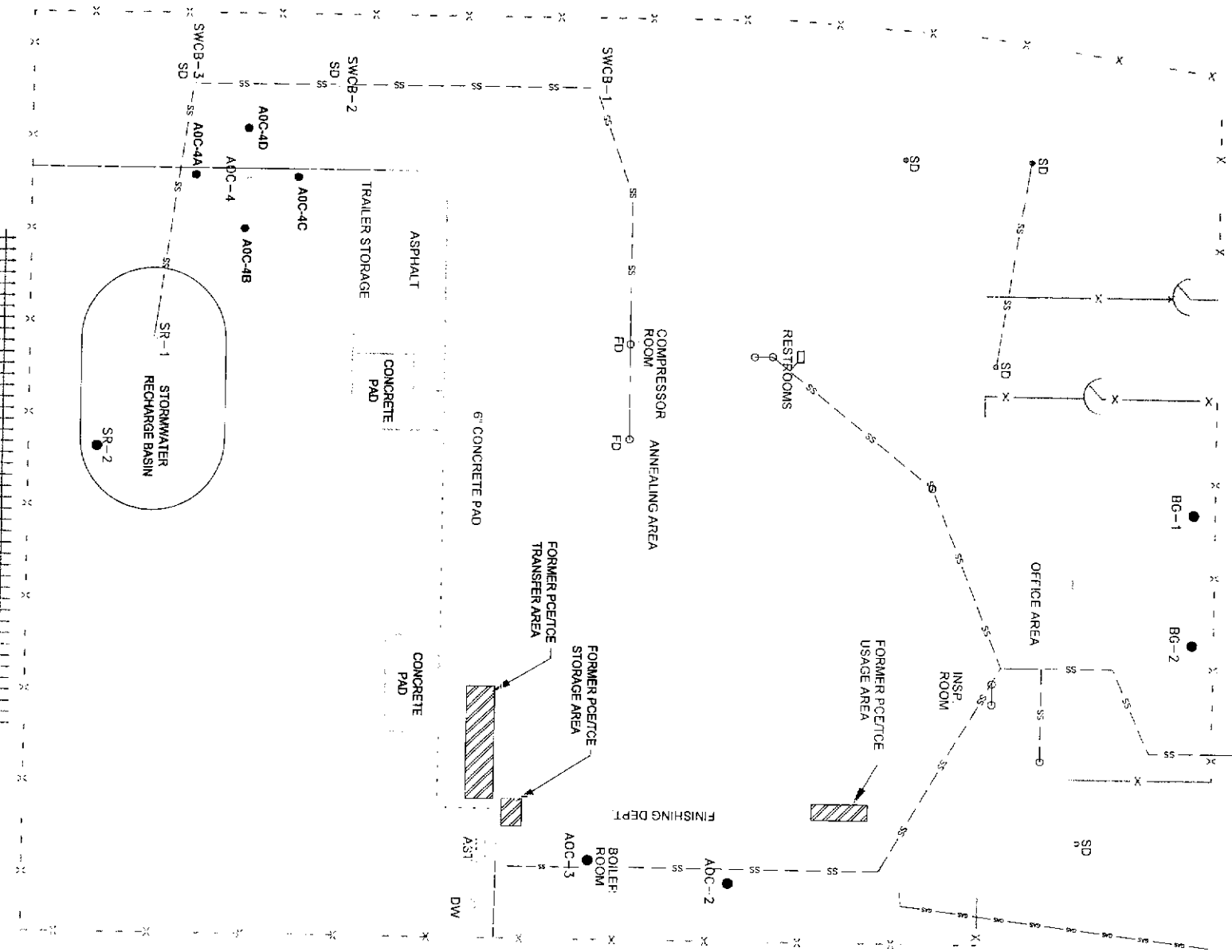
WHITE 1520 AM RADIO STATION

LIPA ELECTRICAL SUBSTATION

VOICE RD.

CONNECTION TO SANITARY SEWER

LANDSCAPING EQUIPMENT STORAGE & WHAREHOUSE



FUN WORLD

Table 1  
 Sub-slab Soil Vapor and Indoor Air  
 Analytical Results - Fun World Property  
 Johnson & Hoffman Project  
 Carle Place, New York

PERIOD: From 05/13/2006 thru 05/13/2006 - Inclusive

SAMPLE TYPE: Air

CONSTITUENT	SITE	01-IA-FW	01-SS-FW
	LAB SAMPLE I	0605363-01	0605363-02
	DATE	05/13/2006	05/13/2006
1,2,4-Trimethylbenzene	(ug/m3)	3.3	3.3
1,3,5-Trimethylbenzene	(ug/m3)	1.0	1.1
1,3-Butadiene	(ug/m3)	3.2	
1,4-Dichlorobenzene	(ug/m3)		120
1,4-Dioxane	(ug/m3)		8.6
2-Butanone	(ug/m3)	5.7	9.4
Acetone	(ug/m3)	34	170
Benzene	(ug/m3)	2.5	3.2
Carbon Disulfide	(ug/m3)		24
Chloroform	(ug/m3)		1.5
Chloromethane	(ug/m3)	1.7	
Dichlorodifluoromethane	(ug/m3)	3.0	4.5
Ethanol	(ug/m3)	87	450 J
Ethylbenzene	(ug/m3)	2.1	2.0
Hexane	(ug/m3)	3.4	14
Isopropyl Alcohol	(ug/m3)	41	24
m+p-Xylene	(ug/m3)	5.4	6.4
o-Xylene	(ug/m3)	2.6	2.3
Styrene	(ug/m3)	3.0	2.8
Tetrachloroethene	(ug/m3)	0.39	230
Toluene	(ug/m3)	39	14
Trichloroethene	(ug/m3)		98
Trichlorofluoromethane	(ug/m3)	2.7	5.6

TABLE 2  
Preliminary Soil Sample Results - VOCs  
J&H Site - Carle Place, NY

			AOC =>	AOC-01	AOC-02	AOC-03	AOC-04	AOC-04	AOC-05	AOC-05
			SAMPLE ID =>	SWCB-01	AOC-02	AOC-03	AOC-04	DUP	SR-01	SR-01
			SAMPLE DATE =>	3/28/2006	3/28/2006	3/28/2006	3/30/2006	3/30/2006	3/30/2006	3/30/2006
			START DEPTH (ft) =>	0	0	0	0	0	0	2
			END DEPTH (ft) =>	0	0	0	0	0	2	4
CONSTITUENT	UNITS	RSCOs								
1,1,1,2-Tetrachloroethane	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
1,1,1-Trichloroethane	(ug/kg)	800	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
1,1,2,2-Tetrachloroethane	(ug/kg)	600	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
1,1,2-Trichloroethane	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
1,1-Dichloroethane	(ug/kg)	200	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
1,1-Dichloroethene	(ug/kg)	400	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
1,1-Dichloropropene	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
1,2,3-Trichlorobenzene	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
1,2,3-Trichloropropane	(ug/kg)	400	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
1,2,4-Trichlorobenzene	(ug/kg)	3400	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
1,2,4-Trimethylbenzene	(ug/kg)		6 U	1 J	5 U	7 U	6 U	5 U	6 U	
1,2-Dibromoethane	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
1,2-Dichlorobenzene	(ug/kg)	7900	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
1,2-Dichloroethane	(ug/kg)	100	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
1,2-Dichloropropane	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
1,3,5-Trimethylbenzene	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
1,3-Dichlorobenzene	(ug/kg)	1600	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
1,3-Dichloropropane	(ug/kg)	300	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
1,4-Dichlorobenzene	(ug/kg)	8500	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
2,2-Dichloropropane	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
2-Butanone	(ug/kg)	300	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
2-Chlorotoluene	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
2-Hexanone	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
4-Chlorotoluene	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
4-Methyl-2-Pentanone	(ug/kg)	1000	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Acetone	(ug/kg)	200	21	8	5 U	7 U	6 U	5 U	6 U	
Benzene	(ug/kg)	60	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Bromobenzene	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Bromochloromethane	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Bromodichloromethane	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Bromoform	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Bromomethane	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Carbon Disulfide	(ug/kg)	2700	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Carbon Tetrachloride	(ug/kg)	600	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Chlorobenzene	(ug/kg)	1700	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Chloroethane	(ug/kg)	1900	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Chloroform	(ug/kg)	300	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Chloromethane	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
cis-1,2-Dichloroethene	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
cis-1,3-Dichloropropene	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Dibromochloromethane	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Dibromochloropropane	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Dibromomethane	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Dichlorodifluoromethane	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Ethylbenzene	(ug/kg)	5500	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Hexachlorobutadiene	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Iodomethane	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Isopropylbenzene	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
mXylene	(ug/kg)		6 U	1 J	5 U	7 U	6 U	5 U	6 U	
Methyl Tertiary Butyl Ether	(ug/kg)	120	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Methylene Chloride	(ug/kg)	100	6 U	1 J	1 J	8	5 J	5 U	6 U	
Naphthalene	(ug/kg)	13000	11 B	2 J B	4 J B	1 J B	1 J B	2 J B	1 J B	
n-Butylbenzene	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
n-Propylbenzene	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
o-Xylene	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
p-Isopropyltoluene	(ug/kg)		15	5 U	5 U	7 U	6 U	5 U	6 U	
sec-Butylbenzene	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Styrene	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
tert-Butylbenzene	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Tetrachloroethene	(ug/kg)	1400	6 U	9	5 U	3 J	6	5 U	6 U	
Toluene	(ug/kg)	1500	1 J	5 U	5 U	7 U	6 U	5 U	6 U	
trans-1,2-Dichloroethene	(ug/kg)	300	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
trans-1,3-Dichloropropene	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Trichloroethene	(ug/kg)	700	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Trichlorofluoromethane	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Vinyl Acetate	(ug/kg)		6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Vinyl chloride	(ug/kg)	200	6 U	5 U	5 U	7 U	6 U	5 U	6 U	
Xylene (total)	(ug/kg)	1200	6 U	1 J	5 U	7 U	6 U	5 U	6 U	

TABLE 2  
Preliminary Soil Sample Results - VOCs  
J&H Site - Carle Place, NY

		AOC =>	AOC-05	AOC-05	AOC-02	AOC-05	BG	BG-1	BG
		SAMPLE ID =>	SR-02-(0-2)	SR-02-(2-4)	SWCB-02	SWCB-03	BG-1	DUP	BG-2
		SAMPLE DATE =>	3/28/2006	3/28/2006	3/28/2006	3/28/2006	3/28/2006	3/28/2006	3/28/2006
		START DEPTH (ft) =>	0	2	0	0	0	0	0
		END DEPTH (ft) =>	2	4	0	0	0	0	0
CONSTITUENT	UNITS	RSCOs							
1,1,2-Tetrachloroethane	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
1,1,1-Trichloroethane	(ug/kg)	800	5 U	5 U	10 U	8 U	6 U	6 U	6 U
1,1,2-Tetrachloroethane	(ug/kg)	600	5 U	5 U	10 U	8 U	6 U	6 U	6 U
1,1,2-Trichloroethane	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
1,1-Dichloroethane	(ug/kg)	200	5 U	5 U	10 U	8 U	6 U	6 U	6 U
1,1-Dichloroethene	(ug/kg)	400	5 U	5 U	10 U	8 U	6 U	6 U	6 U
1,1-Dichloropropene	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
1,2,3-Trichlorobenzene	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
1,2,3-Trichloropropane	(ug/kg)	400	5 U	5 U	10 U	8 U	6 U	6 U	6 U
1,2,4-Trichlorobenzene	(ug/kg)	3400	5 U	5 U	10 U	8 U	6 U	6 U	6 U
1,2,4-Trimethylbenzene	(ug/kg)		5 U	5 U	5 J	16	6 U	6 U	6 U
1,2-Dibromoethane	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
1,2-Dichlorobenzene	(ug/kg)	7900	5 U	5 U	10 U	8 U	6 U	6 U	6 U
1,2-Dichloroethane	(ug/kg)	100	5 U	5 U	10 U	8 U	6 U	6 U	6 U
1,2-Dichloropropane	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
1,3,5-Trimethylbenzene	(ug/kg)		5 U	5 U	10 U	6 J	6 U	6 U	6 U
1,3-Dichlorobenzene	(ug/kg)	1600	5 U	5 U	10 U	8 U	6 U	6 U	6 U
1,3-Dichloropropane	(ug/kg)	300	5 U	5 U	10 U	8 U	6 U	6 U	6 U
1,4-Dichlorobenzene	(ug/kg)	8500	5 U	5 U	10 U	8 U	6 U	6 U	6 U
2,2-Dichloropropane	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
2-Butanone	(ug/kg)	300	5 U	5 U	10 U	8 U	6 U	6 U	6 U
2-Chlorotoluene	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
2-Hexanone	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
4-Chlorotoluene	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
4-Methyl-2-Pentanone	(ug/kg)	1000	5 U	5 U	10 U	8 U	6 U	6 U	6 U
Acetone	(ug/kg)	200	5 U	5 U	64	36	10	6 U	6 U
Benzene	(ug/kg)	60	5 U	5 U	10 U	8 U	6 U	6 U	6 U
Bromobenzene	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
Bromochloromethane	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
Bromodichloromethane	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
Bromoform	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
Bromomethane	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
Carbon Disulfide	(ug/kg)	2700	5 U	5 U	10 U	8 U	6 U	6 U	6 U
Carbon Tetrachloride	(ug/kg)	600	5 U	5 U	10 U	8 U	6 U	6 U	6 U
Chlorobenzene	(ug/kg)	1700	5 U	5 U	10 U	8 U	6 U	6 U	6 U
Chloroethane	(ug/kg)	1900	5 U	5 U	10 U	8 U	6 U	6 U	6 U
Chloroform	(ug/kg)	300	5 U	5 U	10 U	8 U	6 U	6 U	6 U
Chloromethane	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
cis-1,2-Dichloroethene	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
Dibromochloromethane	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
Dibromochloropropane	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
Dibromomethane	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
Dichlorodifluoromethane	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
Ethylbenzene	(ug/kg)	5500	5 U	5 U	10 U	6 J	6 U	6 U	6 U
Hexachlorobutadiene	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
Iodomethane	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
Isopropylbenzene	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
mXylene	(ug/kg)		5 U	5 U	3 J	7 J	6 U	6 U	6 U
Methyl Tertiary Butyl Ether	(ug/kg)	120	5 U	5 U	10 U	8 U	6 U	6 U	6 U
Methylene Chloride	(ug/kg)	100	5 U	5 U	10 U	2 J	6 U	6 U	6 U
Naphthalene	(ug/kg)	13000	2 J B	2 J B	50 B	39 B	4 J B	3 J B	2 J B
n-Butylbenzene	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
n-Propylbenzene	(ug/kg)		5 U	5 U	10 U	3 J	6 U	6 U	6 U
o-Xylene	(ug/kg)		5 U	5 U	10 U	3 J	6 U	6 U	6 U
p-Isopropyltoluene	(ug/kg)		5 U	5 U	42	4 J	6 U	6 U	6 U
sec-Butylbenzene	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
Styrene	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
tert-Butylbenzene	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
Tetrachloroethene	(ug/kg)	1400	5 U	5 U	10 U	8 U	6 U	6 U	6 U
Toluene	(ug/kg)	1500	5 U	5 U	49	25	6 U	6 U	6 U
trans-1,2-Dichloroethene	(ug/kg)	300	5 U	5 U	10 U	8 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
Trichloroethene	(ug/kg)	700	5 U	5 U	10 U	8 U	6 U	6 U	6 U
Trichlorofluoromethane	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
Vinyl Acetate	(ug/kg)		5 U	5 U	10 U	8 U	6 U	6 U	6 U
Vinyl chloride	(ug/kg)	200	5 U	5 U	10 U	8 U	6 U	6 U	6 U
Xylene (total)	(ug/kg)	1200	5 U	5 U	3 J	10	6 U	6 U	6 U

TABLE 3  
Preliminary Soil Sample Results - SVOCs  
J&H Site - Carle Place, NY

CONSTITUENT	UNITS	AOC =>		AOC-01	AOC-02	AOC-03	AOC-04	AOC-04	AOC-05
		SAMPLE ID =>	SAMPLE DATE =>	SWCB-01	AOC-02	AOC-03	AOC-04	DUP	SWCB-02
		SAMPLE DATE =>	START DEPTH (ft) =>	3/28/2006	3/28/2006	3/28/2006	3/30/2006	3/30/2006	3/28/2006
		START DEPTH (ft) =>	END DEPTH (ft) =>	0	0	0	0	0	0
		END DEPTH (ft) =>		0	0	0	0	0	0
		RSCOs	BCKGRND						
1,2,4-Trichlorobenzene	(ug/kg)	3400		8100 U	350 U	350 U	440 U	370 U	33000 U
1,2-Dichlorobenzene	(ug/kg)	7900		8100 U	350 U	350 U	440 U	370 U	33000 U
1,3-Dichlorobenzene	(ug/kg)	1600		8100 U	350 U	350 U	440 U	370 U	33000 U
1,4-Dichlorobenzene	(ug/kg)	8500		8100 U	350 U	350 U	440 U	370 U	33000 U
2,2'-oxybis(1-chloropropane)	(ug/kg)			8100 U	350 U	350 U	440 U	370 U	33000 U
2,4,5-Trichlorophenol	(ug/kg)	100		16000 U	720 U	720 U	890 U	740 U	67000 U
2,4,6-Trichlorophenol	(ug/kg)			8100 U	350 U	350 U	440 U	370 U	33000 U
2,4-Dichlorophenol	(ug/kg)	400		8100 U	350 U	350 U	440 U	370 U	33000 U
2,4-Dimethylphenol	(ug/kg)			8100 U	350 U	350 U	440 U	370 U	33000 U
2,4-Dinitrophenol	(ug/kg)	200		16000 U	720 U	720 U	890 U	740 U	67000 U
2,4-Dinitrotoluene	(ug/kg)			8100 U	350 U	350 U	440 U	370 U	33000 U
2,6-Dinitrotoluene	(ug/kg)	1000		8100 U	350 U	350 U	440 U	370 U	33000 U
2-Chloronaphthalene	(ug/kg)			8100 U	350 U	350 U	440 U	370 U	33000 U
2-Chlorophenol	(ug/kg)	800		8100 U	350 U	350 U	440 U	370 U	33000 U
2-Methylnaphthalene	(ug/kg)	36000		8100 U	350 U	350 U	440 U	370 U	33000 U
3,3-Dichlorobenzidine	(ug/kg)			8100 U	350 U	350 U	440 U	370 U	33000 U
4,6-Dinitro-o-cresol	(ug/kg)			16000 U	720 U	720 U	890 U	740 U	67000 U
4-Bromofluorobenzene	(ug/kg)			8100 U	350 U	350 U	440 U	370 U	33000 U
4-Chlorophenyl phenyl ether	(ug/kg)			8100 U	350 U	350 U	440 U	370 U	33000 U
Acenaphthene	(ug/kg)	50000		7400 J	350 U	350 U	47 J	370 U	13000 J
Acenaphthylene	(ug/kg)	41000		8100 U	350 U	350 U	440 U	40 J	3800 J
Anthracene	(ug/kg)	50000		22000	350 U	350 U	220 J	180 J	44000
Benzo(a)anthracene	(ug/kg)	224	457	[84000]	350 U	350 U	[1300]	[1100]	[250000]
Benzo(a)pyrene	(ug/kg)	61	497	[76000]	350 U	350 U	[1400]	[1200]	[260000]
Benzo(b)fluoranthene	(ug/kg)	1100	783	[110000]	350 U	350 U	[2200]	[1700]	[440000]
Benzo(ghi)perylene	(ug/kg)	50000		[51000]	350 U	350 U	1100	970	[200000]
Benzo(k)fluoranthene	(ug/kg)	1100		[41000]	350 U	350 U	720	720	[160000]
Bis(2-chloroethoxy)methane	(ug/kg)			8100 U	350 U	350 U	440 U	370 U	33000 U
Bis(2-chloroethyl)ether	(ug/kg)			8100 U	350 U	350 U	440 U	370 U	33000 U
Bis(2-ethylhexyl)phthalate	(ug/kg)	50000		3100 J	74 J	140 J	180 J	180 J	9400 J
Butyl benzyl phthalate	(ug/kg)	50000		8100 U	350 U	350 U	440 U	370 U	33000 U
Carbazole	(ug/kg)			27000	350 U	350 U	200 J	180 J	69000
Chrysene	(ug/kg)	400	623	[120000]	350 U	350 U	[1700]	[1400]	[400000]
Dibenzo(a,h)anthracene	(ug/kg)	14	151	[13000]	350 U	350 U	[270]	[240]	[50000]
Dibenzofuran	(ug/kg)	6200		4800 J	350 U	350 U	440 U	370 U	[9200] J
Diethyl phthalate	(ug/kg)	7100		8100 U	350 U	350 U	440 U	370 U	33000 U
Dimethyl phthalate	(ug/kg)	2000		8100 U	350 U	350 U	440 U	370 U	33000 U
Di-n-butyl phthalate	(ug/kg)	8100		8100 U	350 U	350 U	440 U	370 U	33000 U
Di-n-octyl phthalate	(ug/kg)	50000		8100 U	350 U	350 U	440 U	370 U	33000 U
Fluoranthene	(ug/kg)	50000		[250000] E	350 U	350 U	3300	2700	[740000] E
Fluorene	(ug/kg)	50000		12000	350 U	350 U	65 J	44 J	22000 J
Hexachlorobenzene	(ug/kg)	410		8100 U	350 U	350 U	440 U	370 U	33000 U
Hexachlorobutadiene	(ug/kg)			8100 U	350 U	350 U	440 U	370 U	33000 U
Hexachlorocyclopentadiene	(ug/kg)			8100 U	350 U	350 U	440 U	370 U	33000 U
Hexachloroethane	(ug/kg)			8100 U	350 U	350 U	440 U	370 U	33000 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	3200		[47000]	350 U	350 U	1000	870	[190000]
Isophorone	(ug/kg)	4400		8100 U	350 U	350 U	440 U	370 U	33000 U
m-Nitroaniline	(ug/kg)	500		16000 U	720 U	720 U	890 U	740 U	67000 U
Naphthalene	(ug/kg)	13000		8100 U	350 U	350 U	440 U	370 U	33000 U
Nitrobenzene	(ug/kg)	200		8100 U	350 U	350 U	440 U	370 U	33000 U
N-Nitrosodiphenylamine	(ug/kg)			8100 U	350 U	350 U	440 U	370 U	33000 U
N-Nitrosodipropylamine	(ug/kg)			8100 U	350 U	350 U	440 U	370 U	33000 U
o-Cresol	(ug/kg)	100		8100 U	350 U	350 U	440 U	370 U	33000 U
o-Nitroaniline	(ug/kg)	430		16000 U	720 U	720 U	890 U	740 U	67000 U
o-Nitrophenol	(ug/kg)	330		8100 U	350 U	350 U	440 U	370 U	33000 U
p-Chloroaniline	(ug/kg)	220		8100 U	350 U	350 U	440 U	370 U	33000 U
p-Chloro-m-cresol	(ug/kg)	240		8100 U	350 U	350 U	440 U	370 U	33000 U
p-Cresol	(ug/kg)	900		8100 U	350 U	350 U	440 U	370 U	33000 U
Pentachlorophenol	(ug/kg)	1000		16000 U	720 U	720 U	890 U	740 U	67000 U
Phenanthrene	(ug/kg)	50000		[140000] E	350 U	350 U	1300	1000	[340000]
Phenol	(ug/kg)	30		8100 U	350 U	350 U	440 U	370 U	33000 U
p-Nitroaniline	(ug/kg)			16000 U	720 U	720 U	890 U	740 U	67000 U
p-Nitrophenol	(ug/kg)	100		16000 U	720 U	720 U	890 U	740 U	67000 U
Pyrene	(ug/kg)	50000		[180000] E	350 U	350 U	2500	2100	[560000] E
TOC	(mg/kg)								

Bracketed results exceed RSCOs, but do not exceed site background.  
Highlighted results exceed RSCOs and site background.  
Site background is the average of the background (BG) samples.

TABLE 3  
Preliminary Soil Sample Results - SVOCs  
J&H Site - Carle Place, NY

CONSTITUENT	UNITS	AOC =>		SWCB-03	SR-01	SR-01	SR-02	SR-02	BG-1
		RSCOs	BCKGRND	SWCB-03	SR-01	SR-01	SR-02	SR-02	BG-1
				3/28/2006	3/30/2006	3/30/2006	3/28/2006	3/28/2006	3/28/2006
				0	0	2	0	2	0
				0	2	4	2	4	0
1,2,4-Trichlorobenzene	(ug/kg)	3400							400 U
1,2-Dichlorobenzene	(ug/kg)	7900							400 U
1,3-Dichlorobenzene	(ug/kg)	1600							400 U
1,4-Dichlorobenzene	(ug/kg)	8500							400 U
2,2'-oxybis(1-chloropropane)	(ug/kg)								400 U
2,4,5-Trichlorophenol	(ug/kg)	100							810 U
2,4,6-Trichlorophenol	(ug/kg)								400 U
2,4-Dichlorophenol	(ug/kg)	400							400 U
2,4-Dimethylphenol	(ug/kg)								400 U
2,4-Dinitrophenol	(ug/kg)	200							810 U
2,4-Dinitrotoluene	(ug/kg)								400 U
2,6-Dinitrotoluene	(ug/kg)	1000							400 U
2-Chloronaphthalene	(ug/kg)								400 U
2-Chlorophenol	(ug/kg)	800							400 U
2-Methylnaphthalene	(ug/kg)	36000		11000 U	7000 U	7400 U	350 U	350 U	400 U
3,3-Dichlorobenzidine	(ug/kg)								400 U
4,6-Dinitro-o-cresol	(ug/kg)								810 U
4-Bromofluorobenzene	(ug/kg)								400 U
4-Chlorophenyl phenyl ether	(ug/kg)								400 U
Acenaphthene	(ug/kg)	50000		5800 J	770 J	1700 J	350 U	350 U	400 U
Acenaphthylene	(ug/kg)	41000		1300 J	7000 U	7400 U	350 U	350 U	400 U
Anthracene	(ug/kg)	50000		17000	2300 J	4500 J	350 U	350 U	140 J
Benzo(a)anthracene	(ug/kg)	224	457	[100000]	[11000]	[21000]	180 J	40 J	[840]
Benzo(a)pyrene	(ug/kg)	61	497	[96000]	[12000]	[22000]	[310] J	61 J	[890]
Benzo(b)fluoranthene	(ug/kg)	1100	783	[120000]	[20000]	[32000]	680	120 J	[1400]
Benzo(g,h,i)perylene	(ug/kg)	50000		[72000]	9400	16000	390	68 J	700
Benzo(k)fluoranthene	(ug/kg)	1100		[62000]	[8100]	[12000]	250 J	43 J	540
Bis(2-chloroethoxy)methane	(ug/kg)								400 U
Bis(2-chloroethyl)ether	(ug/kg)								400 U
Bis(2-ethylhexyl)phthalate	(ug/kg)	50000							270 J
Butyl benzyl phthalate	(ug/kg)	50000							400 U
Carbazole	(ug/kg)								120 J
Chrysene	(ug/kg)	400	623	[160000]	[17000]	[31000]	[450]	86 J	[1100]
Dibenzofuran	(ug/kg)	14	151	[13000]	[2400] J	[4200] J	[83] J	350 U	[170] J
Dibenzofuran	(ug/kg)	6200		4000 J	7000 U	1200 J	350 U	350 U	400 U
Diethyl phthalate	(ug/kg)	7100							400 U
Dimethyl phthalate	(ug/kg)	2000							400 U
Di-n-butyl phthalate	(ug/kg)	8100							400 U
Di-n-octyl phthalate	(ug/kg)	50000							400 U
Fluoranthene	(ug/kg)	50000		[300000] E	36000	[68000]	700	140 J	2000
Fluorene	(ug/kg)	50000		10000 J	1000 J	2300 J	350 U	350 U	400 U
Hexachlorobenzene	(ug/kg)	410							400 U
Hexachlorobutadiene	(ug/kg)								400 U
Hexachlorocyclopentadiene	(ug/kg)								400 U
Hexachloroethane	(ug/kg)								400 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	3200		[71000]	[8600]	[15000]	350	60 J	610
Isophorone	(ug/kg)	4400							400 U
m-Nitroaniline	(ug/kg)	500							810 U
Naphthalene	(ug/kg)	13000		11000 U	7000 U	7400 U	350 U	350 U	400 U
Nitrobenzene	(ug/kg)	200							400 U
N-Nitrosodiphenylamine	(ug/kg)								400 U
N-Nitrosodipropylamine	(ug/kg)								400 U
o-Cresol	(ug/kg)	100							400 U
o-Nitroaniline	(ug/kg)	430							810 U
o-Nitrophenol	(ug/kg)	330							400 U
p-Chloroaniline	(ug/kg)	220							400 U
p-Chloro-m-cresol	(ug/kg)	240							400 U
p-Cresol	(ug/kg)	900							400 U
Pentachlorophenol	(ug/kg)	1000							810 U
Phenanthrene	(ug/kg)	50000		[140000]	19000	37000	200 J	42 J	680
Phenol	(ug/kg)	30							400 U
p-Nitroaniline	(ug/kg)								810 U
p-Nitrophenol	(ug/kg)	100							810 U
Pyrene	(ug/kg)	50000		[230000] E	27000	[51000]	550	110 J	1600
TOC	(mg/kg)								24000 E

Bracketed results exceed RSCOs, but do not exceed site background.  
Highlighted results exceed RSCOs and site background.  
Site background is the average of the background (BG) samples.

TABLE 3  
Preliminary Soil Sample Results - SVOCs  
J&H Site - Carle Place, NY

CONSTITUENT	UNITS	AOC =>		BG-1	BG-2
		RSCOs	BCKGRND	DUP	BG-2
				3/28/2006	3/28/2006
				0	0
				0	0
1,2,4-Trichlorobenzene	(ug/kg)	3400		400 U	390 U
1,2-Dichlorobenzene	(ug/kg)	7900		400 U	390 U
1,3-Dichlorobenzene	(ug/kg)	1600		400 U	390 U
1,4-Dichlorobenzene	(ug/kg)	8500		400 U	390 U
2,2'-oxybis(1-chloropropane)	(ug/kg)			400 U	390 U
2,4,5-Trichlorophenol	(ug/kg)	100		800 U	780 U
2,4,6-Trichlorophenol	(ug/kg)			400 U	390 U
2,4-Dichlorophenol	(ug/kg)	400		400 U	390 U
2,4-Dimethylphenol	(ug/kg)			400 U	390 U
2,4-Dinitrophenol	(ug/kg)	200		800 U	780 U
2,4-Dinitrotoluene	(ug/kg)			400 U	390 U
2,6-Dinitrotoluene	(ug/kg)	1000		400 U	390 U
2-Chloronaphthalene	(ug/kg)			400 U	390 U
2-Chlorophenol	(ug/kg)	800		400 U	390 U
2-Methylnaphthalene	(ug/kg)	36000		400 U	390 U
3,3-Dichlorobenzidine	(ug/kg)			400 U	390 U
4,6-Dinitro-o-cresol	(ug/kg)			800 U	780 U
4-Bromofluorobenzene	(ug/kg)			400 U	390 U
4-Chlorophenyl phenyl ether	(ug/kg)			400 U	390 U
Acenaphthene	(ug/kg)	50000		400 U	390 U
Acenaphthylene	(ug/kg)	41000		400 U	390 U
Anthracene	(ug/kg)	50000		64 J	390 U
Benzo(a)anthracene	(ug/kg)	224	457	[410]	120 J
Benzo(a)pyrene	(ug/kg)	61	497	[460]	[140] J
Benzo(b)fluoranthene	(ug/kg)	1100	783	740	210 J
Benzo(ghi)perylene	(ug/kg)	50000		360 J	120 J
Benzo(k)fluoranthene	(ug/kg)	1100		300 J	86 J
Bis(2-chloroethoxy)methane	(ug/kg)			400 U	390 U
Bis(2-chloroethyl)ether	(ug/kg)			400 U	390 U
Bis(2-ethylhexyl)phthalate	(ug/kg)	50000		230 J	180 J
Butyl benzyl phthalate	(ug/kg)	50000		400 U	390 U
Carbazole	(ug/kg)			61 J	390 U
Chrysene	(ug/kg)	400	623	[610]	160 J
Dibenzo(a,h)anthracene	(ug/kg)	14	151	[88] J	390 U
Dibenzofuran	(ug/kg)	6200		400 U	390 U
Diethyl phthalate	(ug/kg)	7100		400 U	390 U
Dimethyl phthalate	(ug/kg)	2000		400 U	390 U
Di-n-butyl phthalate	(ug/kg)	8100		400 U	390 U
Di-n-octyl phthalate	(ug/kg)	50000		400 U	390 U
Fluoranthene	(ug/kg)	50000		1100	300 J
Fluorene	(ug/kg)	50000		400 U	390 U
Hexachlorobenzene	(ug/kg)	410		400 U	390 U
Hexachlorobutadiene	(ug/kg)			400 U	390 U
Hexachlorocyclopentadiene	(ug/kg)			400 U	390 U
Hexachloroethane	(ug/kg)			400 U	390 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	3200		330 J	96 J
Isophorone	(ug/kg)	4400		400 U	390 U
m-Nitroaniline	(ug/kg)	500		800 U	780 U
Naphthalene	(ug/kg)	13000		400 U	390 U
Nitrobenzene	(ug/kg)	200		400 U	390 U
N-Nitrosodiphenylamine	(ug/kg)			400 U	390 U
N-Nitrosodipropylamine	(ug/kg)			400 U	390 U
o-Cresol	(ug/kg)	100		400 U	390 U
o-Nitroaniline	(ug/kg)	430		800 U	780 U
o-Nitrophenol	(ug/kg)	330		400 U	390 U
p-Chloroaniline	(ug/kg)	220		400 U	390 U
p-Chloro-m-cresol	(ug/kg)	240		400 U	390 U
p-Cresol	(ug/kg)	900		400 U	390 U
Pentachlorophenol	(ug/kg)	1000		800 U	780 U
Phenanthrene	(ug/kg)	50000		360 J	100 J
Phenol	(ug/kg)	30		400 U	390 U
p-Nitroaniline	(ug/kg)			800 U	780 U
p-Nitrophenol	(ug/kg)	100		800 U	780 U
Pyrene	(ug/kg)	50000		860	240 J
TOC	(mg/kg)			23000 E	24000 E

Bracketed results exceed RSCOs, but do not exceed site background.

Highlighted results exceed RSCOs and site background.

Site background is the average of the background (BG) samples.



**TABLE 4**  
Preliminary Soil Sample Results - Pest/PCB  
J&H Site - Carle Place, NY

CONSTITUENT	UNITS	RSCOs	AOC => SAMPLE ID => SAMPLE DATE => START DEPTH (ft) => END DEPTH (ft) =>	AOC-01 SWCB-01 3/28/2006	AOC-02 AOC-02 3/28/2006	AOC-03 AOC-03 3/28/2006	AOC-04 AOC-04 3/30/2006	AOC-04 DUP 3/30/2006	AOC-05 SWCB-02 3/28/2006	BG-1 BG-1 3/28/2006	BG-1 DUP 3/28/2006	BG-2 BG-2 3/28/2006
4,4'-DDD	(ug/kg)	2900		40 U	3.5 U	3.5 U	4.4 U	3.7 U	330 U	200 U	200 U	190 U
4,4'-DDE	(ug/kg)	2100		40 U	3.5 U	3.5 U	4.4 U	3.7 U	330 U	200 U	200 U	190 U
4,4'-DDT	(ug/kg)	2100		95	3.5 U	3.5 U	18	28	460	200 U	200 U	190 U
Aldrin	(ug/kg)	41		21 U	1.8 U	1.8 U	2.3 U	1.9 U	170 U	100 U	100 U	100 U
alpha-BHC	(ug/kg)	110		21 U	1.8 U	1.8 U	2.3 U	1.9 U	170 U	100 U	100 U	100 U
alpha-Chlordane	(ug/kg)	*		21 U	1.8 U	1.8 U	2.3 U	1.9 U	170 U	300	610	230
Aroclor 1016	(ug/kg)	*		41 U	36 U	36 U	44 U	37 U	67 U	40 U	120 U	39 U
Aroclor 1221	(ug/kg)	*		41 U	36 U	36 U	44 U	37 U	67 U	40 U	120 U	39 U
Aroclor 1232	(ug/kg)	*		41 U	36 U	36 U	44 U	37 U	67 U	40 U	120 U	39 U
Aroclor 1242	(ug/kg)	*		41 U	36 U	36 U	44 U	37 U	67 U	1800	7600 E	39 U
Aroclor 1248	(ug/kg)	*		41 U	36 U	36 U	44 U	37 U	880	40 U	120 U	39 U
Aroclor 1254	(ug/kg)	*		41 U	36 U	36 U	44 U	37 U	67 U	40 U	120 U	39 U
Aroclor 1260	(ug/kg)	*		55	36 U	36 U	44 U	37 U	67 U	40 U	120 U	39 U
beta-BHC	(ug/kg)	200		21 U	1.8 U	1.8 U	2.3 U	1.9 U	170 U	100 U	100 U	100 U
delta-BHC	(ug/kg)	300		21 U	1.8 U	1.8 U	2.3 U	1.9 U	170 U	100 U	100 U	100 U
Dieldrin	(ug/kg)	44		40 U	3.5 U	3.5 U	4.4 U	3.7 U	330 U	200 U	200 U	190 U
Endosulfan I	(ug/kg)	900		21 U	1.8 U	1.8 U	2.3 U	1.9 U	170 U	100 U	100 U	100 U
Endosulfan II	(ug/kg)	900		40 U	3.5 U	3.5 U	4.4 U	3.7 U	330 U	200 U	200 U	190 U
Endosulfan sulfate	(ug/kg)	1000		40 U	3.5 U	3.5 U	4.4 U	3.7 U	330 U	200 U	200 U	190 U
Endrin	(ug/kg)	100		40 U	3.5 U	3.5 U	4.4 U	3.7 U	330 U	200 U	200 U	190 U
Endrin aldehyde	(ug/kg)			81	3.5 U	3.5 U	4.4 U	5.6	330 U	200 U	200 U	190 U
Endrin ketone	(ug/kg)			350	3.5 U	3.5 U	4.4 U	3.7 U	1500	200 U	200 U	190 U
gamma-Chlordane	(ug/kg)			78	1.8 U	1.8 U	2.3 U	1.9 U	370	200	390	140
Heptachlor	(ug/kg)	100		21 U	1.8 U	1.8 U	2.3 U	1.9 U	170 U	100 U	100 U	100 U
Heptachlor epoxide	(ug/kg)	20		21 U	1.8 U	1.8 U	2.3 U	1.9 U	170 U	100 U	100 U	100 U
Lindane	(ug/kg)	60		21 U	1.8 U	1.8 U	2.3 U	1.9 U	170 U	100 U	100 U	100 U
Methoxychlor	(ug/kg)			2900	18 U	18 U	23 U	19 U	12000	1000 U	1000 U	1000 U
Toxaphene	(ug/kg)			2100 U	180 U	180 U	230 U	190 U	17000 U	10000 U	10000 U	10000 U

\* RSCO for total PCBs is 1000 ug/kg for surface soil and 10,000 ug/kg for non-surface soil

TABLE 5  
 Preliminary Soil Sample Results - Metals  
 J&H Site - Carle Place, NY

ANALYTE	UNITS	RSCOs	BCKGRND	AOC =>			
				AOC-01 SWCB-01 3/28/2006	AOC-02 AOC-02 3/28/2006	AOC-03 AOC-03 3/28/2006	AOC-04 AOC-04 3/30/2006
				0	0	0	0
				0	0	0	0
Aluminum	(mg/kg)			4690	7880	7520	11100
Antimony	(mg/kg)			0.089 B N	0.27 B N	0.043 U N	0.16 B N
Arsenic	(mg/kg)	7.5	12.60	2.7 *	3.8 *	3.1 *	6.7 *
Barium	(mg/kg)	300		33.8	38.2	24.2	34
Beryllium	(mg/kg)	0.16	0.57	[0.32] E	[0.49] E	[0.47] E	[0.57]
Cadmium	(mg/kg)	10		0.44	0.0043 U	0.0042 U	0.004 U
Calcium	(mg/kg)			2450 E	843 E	2080 E	713
Chromium	(mg/kg)	50		45.9	10.4	14.3	16.3 * E
Cobalt	(mg/kg)	30		3 E	5.4 E	4.7 E	5.9
Copper	(mg/kg)	25	32.23	[130]	9.8	20.3	20 * E
Iron	(mg/kg)	2000	15.100	[5630] E	[14200] E	[10100] E	[15300]
Lead	(mg/kg)	500		156	8.5	8.4	36.3 * E
Magnesium	(mg/kg)			1530 E	1500 E	1790 E	1740
Manganese	(mg/kg)			40.6 E	186 E	178 E	216
Mercury	(mg/kg)	0.1	0.34	[0.18]	0.061	0.046	[0.25]
Nickel	(mg/kg)	13	13.87	[17.1] * E	10 * E	10 * E	[13.2] E
Potassium	(mg/kg)			353	586	543	461
Selenium	(mg/kg)	2		1.3	0.053 U	0.051 U	0.049 U
Silver	(mg/kg)			0.012 U	0.015 U	0.014 U	0.014 U
Sodium	(mg/kg)			99.7	165	81.3	19.7 B
Thallium	(mg/kg)			0.38 B *	0.39 B *	0.92 *	1.1
Vanadium	(mg/kg)	150		22.1	14	13.3	20.5
Zinc	(mg/kg)	20	71.37	[223] E	18.7 E	[24.9] E	[47] * E

Bracketed results exceed RSCOs, but do not exceed site background.

Highlighted results exceed RSCOs and site background.

Site background is the average of the background (BG) samples.

\* & E indicate QC deficiencies to be addressed during validation.

TABLE 5  
Preliminary Soil Sample Results - Metals  
J&H Site - Carle Place, NY

ANALYTE	UNITS	RSCOs	BCKGRND	AOC =>								
				AOC-05 SWCB-02 3/28/2006 0 0	AOC-05 SWCB-03 3/28/2006 0 0	AOC-05 SR-01 3/30/2006 0 2	AOC-05 SR-01 3/30/2006 2 4	AOC-05 SR-02 3/28/2006 0 2				
				SAMPLE ID =>	SAMPLE DATE (ft) =>	START DEPTH (ft) =>	END DEPTH (ft) =>					
Aluminum	(mg/kg)			9410								
Antimony	(mg/kg)			0.94 B N	0.059 U N			0.041 U N	0.046 U N	0.038 U N		
Arsenic	(mg/kg)	7.5	12.60	6.7 *	4.8 *			2.2 *	1.4 *	1.1 *		
Barium	(mg/kg)	300		67.8								
Beryllium	(mg/kg)	0.16	0.57	[0.59] E	[0.4] E			[0.24]	[0.25]	[0.26] E		
Cadmium	(mg/kg)	10		2.9	6.3			0.028 B	0.0045 U	0.0037 U		
Calcium	(mg/kg)			5560 E								
Chromium	(mg/kg)	50		[95.9]	43.2			14.3 * E	11.8 * E	5.3		
Cobalt	(mg/kg)	30		7.6 E								
Copper	(mg/kg)	25	32.23	[22.1]	[140]			[29.2] * E	23 * E	10.1		
Iron	(mg/kg)	2000	15,100	[10300] E								
Lead	(mg/kg)	500		389	204			38.5 * E	32.2 * E	13		
Magnesium	(mg/kg)			3270 E								
Manganese	(mg/kg)			81.2 E								
Mercury	(mg/kg)	0.1	0.34	[0.25]	[0.22]			0.049	0.045	0.0067 U		
Nickel	(mg/kg)	13	13.87	[48] * E	[24.3] * E			10.1 E	8.7 E	7 * E		
Potassium	(mg/kg)			621								
Selenium	(mg/kg)	2		0.085 U	0.66 B			0.048 U	0.055 U	0.045 U		
Silver	(mg/kg)			0.024 U	0.15 B			0.014 U	0.016 U	0.013 U		
Sodium	(mg/kg)			162								
Thallium	(mg/kg)			0.87 B *	0.61 B *			0.65 B	0.34 B	0.56 B *		
Vanadium	(mg/kg)	150		48.9								
Zinc	(mg/kg)	20	71.37	[573] E	[299] E			[74.3] * E	[65.1] * E	[29.3] E		

Bracketed results exceed RSCOs, but do not exceed site background.

Highlighted results exceed RSCOs and site background.

Site background is the average of the background (BG) samples.

\* & E indicate QC deficiencies to be addressed during validation.



**TABLE 6**  
**Summary of Soil Sampling Results with List of Analytes Exceeding the TAGM-4046 Soil Criteria**  
**J&H Site - 40 Voice Road - Carle Place, NY**

AOC	Description	Analytical Fraction				Metals	Recommendation
		VOC	SVOC	Pest-PCB	Metals		
1	Compressor/ Annealing Room Drainage System	No detected exceedences.	PAHs	No detected exceedences.	Cu, Ni, Zn	Deeper delineation sampling is required in dry well SWCB-1.	
2	Finishing Dept. Wastewater Trench	No detected exceedences.	No detected exceedences.	No detected exceedences. <sup>1</sup>	No detected exceedences. <sup>1</sup>	AOC is clean. No additional work required.	
3	Boiler Room Dry Wells	No detected exceedences.	No detected exceedences.	No detected exceedences. <sup>1</sup>	No detected exceedences. <sup>1</sup>	AOC is clean. No additional work required.	
4	Former Scrap Metal Piles	No detected exceedences.	PAHs	No detected exceedences.	Fe	Further delineation sampling is required to define vertical and horizontal extent of PAHs.	
5	Storm Water Drainage System	No detected exceedences.	PAHs	No detected exceedences.	Be, Cr, Cu, Ni, Zn	<ul style="list-style-type: none"> <li>• Deeper delineation sampling is required in dry well SWCB-2.</li> <li>• Deeper delineation sampling is required in dry well SWCB-3.</li> <li>• Deeper delineation sampling is required in recharge basin.</li> </ul>	
6	No. 2 Fuel Oil Underground Storage Tank	No soil samples collected. previously approved by NYSDEC.	No soil samples collected. previously approved by NYSDEC.	No further action	No further action	No additional work required.	
7	Tetrachloroethene (PCE) Impacted Soil	No soil samples collected. previously approved by NYSDEC.	No soil samples collected. previously approved by NYSDEC.	No further action	No further action	No additional work required.	
	Site Background Samples	No detected exceedences.	PAHs	No detected exceedences.	As, Be, Cu, Fe, Hg, Ni, Zn <sup>2</sup>	No additional work required.	

**Notes:**

<sup>1</sup> No detected exceedences of the NYSDEC TAGM-4046 soil guidance values, or site specific background, whichever is higher.

<sup>2</sup> Listed metals are those where the average site-specific background level exceeds the numerical criteria in TAGM-4046.

**TABLE 7**

Summary of Recommended Additional Soil Sampling  
 J&H Site - 40 Voice Road - Carle Place, NY

AOC	Sample Location	Sample Depths (feet)	Collection Method	Analyses
1	SWCB-1	3.0 - 5.0*	Geoprobe	PAHs Cu, Ni, Zn
4	AOC-04	3.0 - 4.0	Hand Auger	PAHs
	AOC-04a	0.0 - 1.0 3.0 - 4.0	Hand Auger	PAHs
	AOC-04b	0.0 - 1.0 3.0 - 4.0	Hand Auger	PAHs
	AOC-04c	0.0 - 1.0 3.0 - 4.0	Hand Auger	PAHs
	AOC-04d	0.0 - 1.0 3.0 - 4.0	Hand Auger	PAHs
5	SWCB-02	3.0 - 5.0*	Geoprobe	PAHs Be, Cr, Cu, Ni, Zn
	SWCB-03	3.0 - 5.0*	Geoprobe	PAHs Cu, Ni, Zn
	SR-01	5.0 - 6.0 7.0 - 8.0	Hand Auger	PAHs
8	SE Dry Well	0.0 - 2.0* 3.0 - 5.0*	Geoprobe	TAL/TCL

\* - Specified depth is in feet below base of dry well structure.