ENVIROSCIENCE CONSULTANTS, INC.

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April 22, 2005

Mr. Edward Olson
Suffolk County Department of Health Services
15 Horseblock Place
Farmingville, NY 11738

Re: **Winwood Oaks at East Patchogue**
East Patchogue, NY
SCTM Nos. 0200-979.60-03-002, 011 & 20.1
Log No. 2004-031-PS w/Cluster Treatment

Dear Mr. Olson:

Introduction

On March 17 and 30, 2005, Enviroscience Consultants, Inc. performed a soil investigation at the above-referenced property. The soil investigation was performed for the contract vendee of the subject property, which is Henron Development Corporation. The coordination with your office and subsequent investigation were required by the Town of Brookhaven Environmental Department (in their letter dated January 25, 2005) since the property was used for nursery and commercial growing activities and is proposed to be developed for residential purposes. Figure 1 shows the location of the subject property and its vicinity, and Figure 2 shows the general site layout, including the locations of greenhouses and soil sampling locations.

The investigation was performed to evaluate whether surficial and subsurface soils may be impacted by pesticides and metals. Prior to sampling, your office was contacted to discuss the proposed sampling locations and methods, and to allow a county representative to be present during sampling activities. No county personnel were present during the investigation. Upon receipt of the results, your office was notified by phone and we discussed possible remedial strategies, which may be acceptable to the county.

The subject property occupies a total of approximately 14 acres, although the entire property was not used as a nursery or for commercial growing purposes. Presently, there are six greenhouses (along with additional structures as shown in Figure 2) on the subject property and planting fields in the eastern portion of the property. Former planting fields were also reportedly located in the western portion of the property, which is presently asphalt-paved. Based on a site inspection performed by Enviroscience

Consultants personnel, none of the greenhouses or other buildings have slop sinks or floor drains.

History

According to property ownership information available from the Suffolk County Real Property Office in Riverhead, NY, several members of the Weiss family have owned the subject property since at least 1992, and the Bianchi family and Bianchi Orchards, Inc. owned at least portions of the subject property from 1929 to 1990.

To further evaluate the history of the subject property, historical aerial photographs were reviewed at the Suffolk County Planning Department. Historical aerial photographs for the subject property were reviewed for the years 1966, 1970, 1980, 1990, and 1999. The aerial photographs show that the property appeared to be used as a nursery or as a commercial grower since at least 1966 except for the northern portion of the property, which was shown to be wooded. Presently, the northern portion of the subject property remains wooded. No historical Sanborn fire insurance maps were available for the subject property.

Environmental Setting

According to information from the Suffolk County Department of Health Services (SCDHS) Water Table Elevation Map and the U.S. Geological Survey Topographic Map for the vicinity of the property, the depth to the regional groundwater table is between five to ten feet below the ground surface, and the regional groundwater flow direction beneath the property is generally towards the south-southwest. No wetlands or surface expressions of groundwater are reportedly located on the property, and the property is not located within the 100-year flood plain (according to Federal Emergency Management Agency). The closest wetlands and surface water bodies are located approximately one-half mile west of the property and are associated with Abets Creek.

The soils of the property consist generally of Riverhead and Haven Soil, graded (RhB) and Riverhead Sandy Loam (RdA), according to the Soil Survey of Suffolk County, NY (U.S. Department of Agriculture, 1975). The RdA soils consist of areas of Riverhead sandy loam and/or Haven loam.

Methods

During the initial phase of the investigation, soil samples were collected from a total of eight locations to characterize the surficial soils in the greenhouses, which are shown in Figure 2 as SS-1 to SS-8. From each location, the surface soil sample was collected from the ground surface to a depth of three inches using a hand auger. Prior to the collection of the samples, the hand auger bucket was decontaminated using a distilled water and non-phosphate soap (for example, Alconox) wash and a distilled water rinse. Subsequent to collection, the samples were placed in laboratory-supplied containers, preserved properly with ice to cool the samples to approximately four degrees Celsius, and transported to a National Environmental Laboratory Approval Program (NELAP)-licensed laboratory (York Analytical Laboratories, Inc. in Stratford, CT; License No. 10854) for analysis using Method 6010 for metals, Method 7471 for mercury, and

Method 8081 for pesticides. The samples were analyzed on a dry-weight basis for the list of metals and pesticides required by the county and summarized in the Standard Operating Procedures (SOP) for Subdivisions, Developments, or Other Construction Projects with Potentially Contaminated Soils (draft April 23, 2003). A chain of custody form was also completed to document the sequence of sample possession.

All of the soil results from this investigation were compared to the soil screening levels (SSLs) to be protective of dermal contact and ingestion in residential scenarios as that term is defined by Appendix A of the U.S. Environmental Protection Agency (USEPA) Document OSWER 9355.4-24 (March 2001) except for arsenic, which was compared to an Action Level of 4 parts per million [ppm or milligrams per kilogram (mg/kg)]. An Action Level is used for arsenic since natural background levels of arsenic occur up to approximately 4 ppm in the soils of Suffolk County.

A total of four deeper samples were collected from a depth of 9 to 12 inches below the ground surface. The deeper samples were collected from the original (shallow) sampling locations that showed the highest concentrations of metals and pesticides, which are locations SS-1, SS-2, SS-4, and SS-8. The deeper samples were collected to efficiently evaluate whether vertical mixing or surface soil removal may be possible recommendations for a Soil Management Plan (SMP) to be protective of dermal contact, ingestion, and inhalation pathways for future residents of the proposed development. The sample collection and analytical methods were performed as described above for the collection of the surface soil samples.

Results

Elevated concentrations of metals and pesticides were detected in the samples from six of the eight sampling locations. Table 1 summarizes the surface soil sampling results, and a copy of the laboratory reports (including the chains of custody) for the investigation is provided in Attachment A. To evaluate whether the surface soil may be impacted by elevated levels of metals and pesticides, the results were compared to the USEPA SSLs and the Action Level for arsenic. The comparison shows that levels of chlordane exceed the USEPA SSL at a total of five of the eight sampling locations up to a maximum concentration of 61,000 parts per billion (ppb) or micrograms per kilogram (ug/kg) as compared to the USEPA SSL of 2,000 ppb]. Exceedances of heptachlor (at 150 ppb as compared to the USEPA SSL of 100 ppb), arsenic (up to 35.2 ppm as compared to the Action Levels of 4 ppm), and lead (at 466 ppm as compared to the USEPA SSL of 400 ppm) were also present, although to a significantly lesser extent.

Table 2 summarizes the results from the four subsurface sampling locations. The results show that the levels of chlordane decreased by up to nearly one order of magnitude, although the concentrations remain elevated (up to a maximum concentration of 16,300 ppb) and in exceedance of the USEPA SSL. The results also showed the following: the concentration of heptachlor decreased to below its USEPA SSL; the concentration of lead decreased to below its USEPA SSL; the concentration of arsenic decreased to approximate natural background levels, although remaining slightly above the Action Level; and the level of DDT increased to above its USEPA SSL.

Recommendations

Based on the results of this soil investigation, Enviroscience Consultants, Inc. proposes the following Soil Management Plan for the subject property:

1. Placement of soil over the existing ground surface for vertical mixing in the locations of the proposed residential dwellings where former nursery and commercial growing impacted soils. This description is intended to exclude the northern portion of the property (which is wooded) and paved surfaces (such as, roads). The SCDHS will be notified in writing at least three business days prior to field activities so that a representative will have the opportunity to be present.
2. The soil for vertical mixing will be generated from onsite excavations of the recharge basin and the proposed foundations to a depth of approximately seven feet below grade. If additional soil is needed, it will be obtained from offsite sources.
3. Subsequent to the placement of soil, confirmatory soil end-point samples will be collected from a total of eight locations on the proposed residential lots to evaluate the levels of metals and pesticides in the surface soil. The methods will be performed according to the existing SCDHS SOP.
4. The confirmatory soil end-point sample results will be compared to the USEPA SSLs and Action Level for arsenic. If the end-point sample results are in exceedance of the USEPA SSLs or Action Level for arsenic, additional soil will be placed on the residential lots. Prior to use of the offsite soil on the subject property, several samples will be collected from the soil in its original location. Subsequent to placement in the affected areas, up to eight confirmatory soil end-point samples will be collected (which will be discussed with the county) based on the proportion of the property requiring coverage with additional soil.
5. Upon completion of the SMP, a report summarizing the methods and results will be prepared and submitted to the county.

Enviroscience Consultants requests your approval of this SMP and believes that the proposed SMP should be acceptable to the SCDHS since it provides a technical basis to be protective of dermal, ingestion, and inhalation pathways for future residents by placement of subsurface soil (and possibly offsite soil) for vertical mixing. Additionally, the collection of confirmatory soil end-point samples will be used to evaluate whether the SMP was effective in reducing the levels of metals and pesticides in surface soils. If the original placement of soil is not effective, additional placement of soil would be performed.

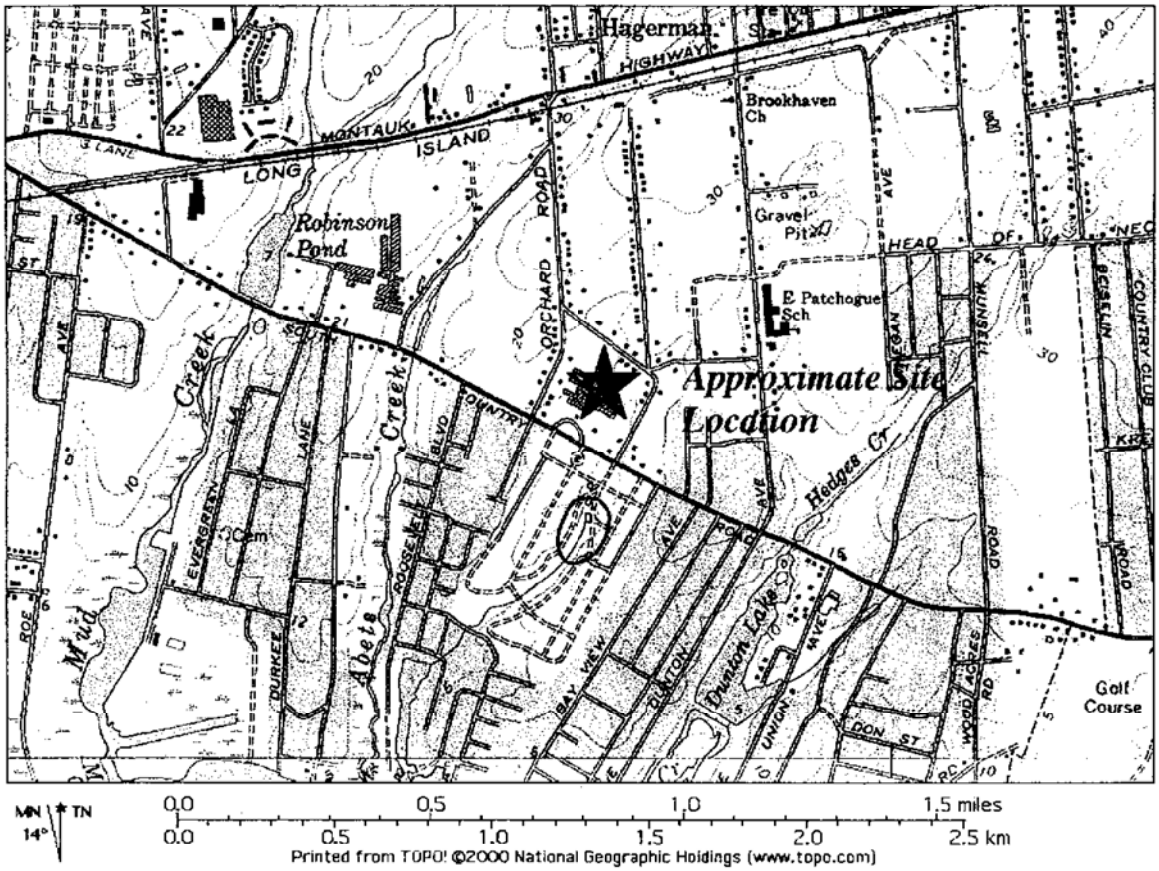
If there are any questions, please do not hesitate to contact me.

Very truly yours,

Greg Menegio
Senior Environmental Scientist

ENVIROSCIENCE CONSULTANTS, INC.

Figure 1
Site Location Map
Orchard Road
East Patchogue, NY



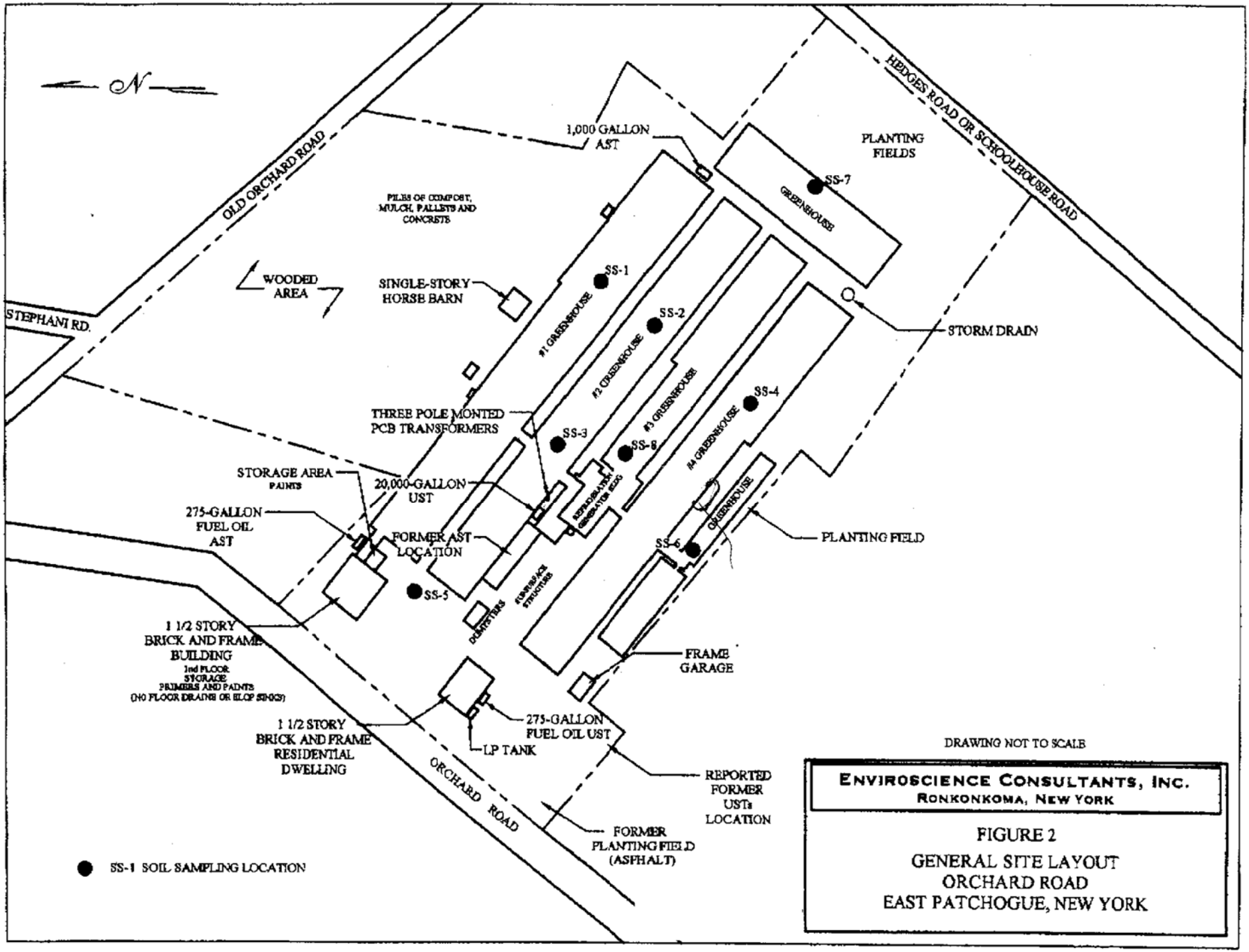

N
OLD ORCHARD ROAD
HEDGES ROAD OR SCHOOLHOUSE ROAD
STEPHANI RD.
ORCHARD ROAD
1,000 GALLON AST
PLANTING FIELDS
SS-7
GREENHOUSE
PILES OF COMPOST, MULCH, PALLETS AND CONCRETE
WOODED AREA
SINGLE-STORY HORSE BARN
SS-1
#1 GREENHOUSE
SS-2
#2 GREENHOUSE
#3 GREENHOUSE
SS-4
#4 GREENHOUSE
STORM DRAIN
THREE POLE MONTED PCB TRANSFORMERS
SS-3
SS-8
STORAGE AREA
PAINTS
20,000-GALLON UST
275-GALLON FUEL OIL AST
FORMER AST LOCATION
REFRIGERATED GENERATOR BOX
GREENHOUSE
PLANTING FIELD
SS-6
SS-5
FORMER BACK STRUCTURE
DEMOLITIONS
1 1/2 STORY BRICK AND FRAME BUILDING
1nd FLOOR STORAGE PRIMERS AND PAINTS
(NO FLOOR DRAINS OR SLOP SINKS)
FRAME GARAGE
275-GALLON FUEL OIL UST
1 1/2 STORY BRICK AND FRAME RESIDENTIAL DWELLING
LP TANK
REPORTED FORMER USTs LOCATION
FORMER PLANTING FIELD (ASPHALT)
SS-1 SOIL SAMPLING LOCATION
DRAWING NOT TO SCALE
ENVIROSCIENCE CONSULTANTS, INC.
RONKONKOMA, NEW YORK
FIGURE 2
GENERAL SITE LAYOUT
ORCHARD ROAD
EAST PATCHOGUE, NEW YORK

Table 1
Surface Soil Analytical Results
Orchard Road
East Patchogue, NY

Sample ID	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8	USEPA Soil Screening Levels Ingestion and Dermal Contact Pathway
Pesticides *(in micrograms per kilogram)*									
Chlordane	**26,000**	**61,000**	453	**21,000**	1,500	230	**4,900**	**21,000**	2,000
4,4'-DDE	1,200	1,700	122	300	28.4	ND	17.8	470	2,000
4,4'-DDT	120	290	72.6	280	61.7	ND	18.0	200	2,000
Endosulfan I	ND	ND	129	180	880	ND	ND	ND	-
Endosulfan II	ND	ND	209	1,000	671	ND	13.0	320	-
Endosulfan sulfate	ND	ND	243	650	208	ND	82.0	220	-
Heptachlor	ND	**150**	ND	ND	ND	ND	ND	ND	100
Metals *(in milligrams per kilogram)*									
Arsenic	1.16	2.94	1.92	1.93	**35.2**	1.11	**12.7**	2.05	4*
Cadmium	0.70	ND	ND	ND	ND	ND	ND	0.96	70
Chromium	6.22	16.9	5.67	9.99	8.41	1.54	20.1	18.4	230
Copper	23.9	60.4	6.31	24.2	19.2	3.06	42.9	54.4	-
Lead	273	256	68.3	145	158	9.52	101	**466**	400
Mercury	ND	0.11	ND	ND	ND	ND	ND	0.13	23
Nickel	3.19	4.34	3.34	4.53	7.03	0.93	8.04	7.77	1,600
Silver	ND	ND	ND	ND	ND	ND	ND	0.22	390

Notes:

ND = Not Detected

\- = Not Available

Soil samples were collected from one to three inches below grade.

* = The Suffolk County Department of Health Services (SCDHS) Action Level for arsenic applies.

Bold values indicate an exceedance of the U.S. Environmental Protection Agency (USEPA) Soil Screening Levels or the SCDHS Action Level for arsenic.

Table 2
Subsurface Soil Analytical Results
Orchard Road
East Patchogue, NY

Sample ID	SS-1	SS-2	SS-4	SS-8	USEPA Soil Screening Levels Ingestion and Dermal Contact Pathways
Pesticides *(in micrograms per kilogram)*					
Chlordane	**6,000**	**12,000**	**3,670**	**16,300**	2,000
4,4'-DDD	ND	ND	ND	73.4	3,000
4,4'-DDE	136	84.8	124	1,550	2,000
4,4'-DDT	38.8	91.4	126	**2,790**	2,000
Endosulfan sulfate	ND	ND	28.3	140	-
Heptachlor	ND	24.2	11.6	43.9	100
Metals *(in milligrams per kilogram)*					
Arsenic	0.66	1.04	1.17	**4.20**	4*
Chromium	3.26	1.76	7.81	6.98	230
Copper	8.98	6.36	8.66	187	-
Lead	77.5	56.0	105	116	400
Nickel	2.37	1.07	2.19	3.51	1,600

Notes:
ND = Not Detected
- = Not Available
Soil samples were collected from nine to 12 inches below grade.
Only detected analytes are reported.
* = The Suffolk County Department of Health Services (SCDHS) Action Level for arsenic applies.
Bold values indicate an exceedance of the U.S. Environmental Protection Agency (USEPA) Soil Screening Level or the SCDHS Action Level for arsenic.

ATTACHMENT A
LABORATORY REPORTS

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Enviroscience Consultants, Inc.
2150 Smithtown Avenue
Ronkonkoma, NY 11779
Attention: Tracy Wall

Report Date: 3/24/2005
Re: Client Project ID: Orchard Road
York Project No.: 05030525

CT License No. PH-0723 New York License No. 10854

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 3/24/2005
Client Project ID: Orchard Road
York Project No.: 05030525

Enviroscience Consultants, Inc.
2150 Smithtown Avenue
Ronkonkoma, NY 11779
Attention: Tracy Wall

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 03/17/05. The project was identifed as your project "Orchard Road ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			SS-1		SS-2	
York Sample ID			05030525-01		05030525-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg	---	---	---	---
4,4'-DDD			Not detected	100	Not detected	100
4,4'-DDE			1200	100	1700	100
4,4'-DDT			120	100	290	100
Aldrin			Not detected	100	Not detected	100
alpha-BHC			Not detected	100	Not detected	100
beta-BHC			Not detected	100	Not detected	100
Chlordane			26000	500	61000	500
delta-BHC			Not detected	100	Not detected	100
Dieldrin			Not detected	50	Not detected	50
Endosulfan I			Not detected	100	Not detected	100
Endosulfan II			Not detected	100	Not detected	100
Endosulfan sulfate			Not detected	100	Not detected	100
Endrin			Not detected	100	Not detected	100
Endrin aldehyde			Not detected	100	Not detected	100
gamma-BHC (Lindane)			Not detected	100	Not detected	100
Heptachlor			Not detected	100	150	100

YORK

Client Sample ID			SS-1		SS-2	
York Sample ID			05030525-01		05030525-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Heptachlor epoxide			Not detected	100	Not detected	100
Methoxychlor			Not detected	500	Not detected	500
Toxaphene			Not detected	3000	Not detected	3000
Silver	SW846-6010	mg/kG	Not detected	0.200	Not detected	0.200
Arsenic	SW846-6010	mg/kG	1.16	1.00	2.94	1.00
Beryllium	SW846-6010	mg/kG	Not detected	0.050	Not detected	0.050
Cadmium	SW846-6010	mg/kG	0.70	0.500	Not detected	0.500
Chromium	SW846-6010	mg/kG	6.22	0.500	16.9	0.500
Copper	SW846-6010	mg/kG	23.9	0.500	60.4	0.500
Mercury	SW846-7471	mg/kG	Not detected	0.10	0.11	0.10
Nickel	SW846-6010	mg/kG	3.19	0.500	4.34	0.500
Lead	SW846-6010	mg/kG	273	0.500	256	0.500
Total Solids	SM209A	%	94.3	1.0	73.5	1.0

Client Sample ID			SS-3		SS-4	
York Sample ID			05030525-03		05030525-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg	---	---	---	---
4,4'-DDD			Not detected	10	Not detected	100
4,4'-DDE			122	10	300	100
4,4'-DDT			72.6	10	280	100
Aldrin			Not detected	10	Not detected	100
alpha-BHC			Not detected	10	Not detected	100
beta-BHC			Not detected	10	Not detected	100
Chlordane			453	50	21000	500
delta-BHC			Not detected	10	Not detected	100
Dieldrin			Not detected	5	Not detected	50
Endosulfan I			129	10	180	100
Endosulfan II			209	10	1000	100
Endosulfan sulfate			243	10	650	100
Endrin			Not detected	10	Not detected	100
Endrin aldehyde			Not detected	10	Not detected	100
gamma-BHC (Lindane)			Not detected	10	Not detected	100
Heptachlor			Not detected	10	Not detected	100
Heptachlor epoxide			Not detected	10	Not detected	100
Methoxychlor			Not detected	50	Not detected	500
Toxaphene			Not detected	300	Not detected	3000
Silver	SW846-6010	mg/kG	Not detected	0.200	Not detected	0.200
Arsenic	SW846-6010	mg/kG	1.92	1.00	1.93	1.00
Beryllium	SW846-6010	mg/kG	Not detected	0.050	Not detected	0.050
Cadmium	SW846-6010	mg/kG	Not detected	0.500	Not detected	0.500
Chromium	SW846-6010	mg/kG	5.67	0.500	9.99	0.500
Copper	SW846-6010	mg/kG	6.31	0.500	24.2	0.500
Mercury	SW846-7471	mg/kG	Not detected	0.10	Not detected	0.10
Nickel	SW846-6010	mg/kG	3.34	0.500	4.53	0.500
Lead	SW846-6010	mg/kG	68.3	0.500	145	0.500
Total Solids	SM209A	%	83.0	1.0	96.9	1.0

YORK

Client Sample ID			SS-8		SS-6	
York Sample ID			05030525-05		05030525-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg	---	---	---	---
4,4'-DDD			Not detected	100	Not detected	10
4,4'-DDE			470	100	Not detected	10
4,4'-DDT			200	100	Not detected	10
Aldrin			Not detected	100	Not detected	10
alpha-BHC			Not detected	100	Not detected	10
beta-BHC			Not detected	100	Not detected	10
Chlordane			21000	500	230	50
delta-BHC			Not detected	100	Not detected	10
Dieldrin			Not detected	50	Not detected	5
Endosulfan I			Not detected	100	Not detected	10
Endosulfan II			320	100	Not detected	10
Endosulfan sulfate			220	100	Not detected	10
Endrin			Not detected	100	Not detected	10
Endrin aldehyde			Not detected	100	Not detected	10
gamma-BHC (Lindane)			Not detected	100	Not detected	10
Heptachlor			Not detected	100	Not detected	10
Heptachlor epoxide			Not detected	100	Not detected	10
Methoxychlor			Not detected	500	Not detected	50
Toxaphene			Not detected	3000	Not detected	300
Silver	SW846-6010	mg/kG	0.22	0.200	Not detected	0.200
Arsenic	SW846-6010	mg/kG	2.05	1.00	1.11	1.00
Beryllium	SW846-6010	mg/kG	Not detected	0.050	Not detected	0.050
Cadmium	SW846-6010	mg/kG	0.96	0.500	Not detected	0.500
Chromium	SW846-6010	mg/kG	18.4	0.500	1.54	0.500
Copper	SW846-6010	mg/kG	54.4	0.500	3.06	0.500
Mercury	SW846-7471	mg/kG	0.13	0.10	Not detected	0.10
Nickel	SW846-6010	mg/kG	7.77	0.500	0.93	0.500
Lead	SW846-6010	mg/kG	466	0.500	9.52	0.500
Total Solids	SM209A	%	90.4	1.0	93.5	1.0

Client Sample ID			SS-7	
York Sample ID			05030525-07	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg	---	---
4,4'-DDD			Not detected	10
4,4'-DDE			17.8	10
4,4'-DDT			18.0	10
Aldrin			Not detected	10
alpha-BHC			Not detected	10
beta-BHC			Not detected	10
Chlordane			4900	50
delta-BHC			Not detected	10
Dieldrin			Not detected	5
Endosulfan I			Not detected	10
Endosulfan II			13.0	10
Endosulfan sulfate			82.0	10
Endrin			Not detected	10

YORK

Client Sample ID			SS-7	
York Sample ID			05030525-07	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Endrin aldehyde			Not detected	10
gamma-BHC (Lindane)			Not detected	10
Heptachlor			Not detected	10
Heptachlor epoxide			Not detected	10
Methoxychlor			Not detected	50
Toxaphene			Not detected	300
Silver	SW846-6010	mg/kG	Not detected	0.200
Arsenic	SW846-6010	mg/kG	12.7	1.00
Beryllium	SW846-6010	mg/kG	Not detected	0.050
Cadmium	SW846-6010	mg/kG	Not detected	0.500
Chromium	SW846-6010	mg/kG	20.1	0.500
Copper	SW846-6010	mg/kG	42.9	0.500
Mercury	SW846-7471	mg/kG	Not detected	0.10
Nickel	SW846-6010	mg/kG	8.04	0.500
Lead	SW846-6010	mg/kG	101	0.500
Total Solids	SM209A	%	80.8	1.0

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 05030525

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley
Managing Director

Date: 3/24/2005

YORK

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DRIVE STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

0000305725

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature) / Name (Printed)
EnviroScience Consultants, Inc.	Tracy Wall	AM Farrell	Orchard Road	Tracy Wall / Tracy Wall

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
1	SS-1	3/17/05		X			Metals & Pesticides* Please see Attached list *	1-8oz / none
2	SS-2	↓		↓			↓	↓
3	SS-3							
4	SS-4							
5	SS-8							
6	SS-6							
7	SS-7	↓		↓			↓	↓
~~8~~ (FW)								

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	Date/Time	Sample Received by	Date/Time
Tracy Wall	3/16/05 0800	Rheusch	3/17/05 11A	W. Wagner	3/17 11
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time
					3/17 3P 4.1C

Comments/Special Instructions

* Analysis must be performed on dry weight basis *

Turn-Around Time

X Standard ___ RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Enviroscience Consultants, Inc.
2150 Smithtown Avenue
Ronkonkoma, NY 11779
Attention: Tracy Wall

Report Date: 3/28/2005
Re: Client Project ID: Orchard Road
York Project No.: 05030611

CT License No. PH-0723 New York License No. 10854

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 3/28/2005
Client Project ID: Orchard Road
York Project No.: 05030611

Enviroscience Consultants, Inc.
2150 Smithtown Avenue
Ronkonkoma, NY 11779
Attention: Tracy Wall

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 03/21/05. The project was identifed as your project "Orchard Road ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			**SS-5**	
York Sample ID			**05030611-01**	
Matrix			**SOIL**	
Parameter	**Method**	**Units**	**Results**	**MDL**
Pesticides 8080 List soil	SW846-3550B/8081	ug/Kg	---	---
4,4'-DDD			Not detected	10
4,4'-DDE			28.4	10
4,4'-DDT			61.7	10
Aldrin			Not detected	10
alpha-BHC			Not detected	10
beta-BHC			Not detected	10
Chlordane			1500	50
delta-BHC			Not detected	10
Dieldrin			Not detected	5
Endosulfan I			880	10
Endosulfan II			671	10
Endosulfan sulfate			208	10
Endrin			Not detected	10
Endrin aldehyde			Not detected	10
gamma-BHC (Lindane)			Not detected	10
Heptachlor			Not detected	10

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Client Sample ID			SS-5	
York Sample ID			05030611-01	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Heptachlor epoxide			Not detected	10
Methoxychlor			Not detected	50
Toxaphene			Not detected	300
Silver	SW846-6010	mg/kG	Not detected	0.200
Arsenic	SW846-6010	mg/kG	35.2	1.00
Beryllium	SW846-6010	mg/kG	Not detected	0.050
Cadmium	SW846-6010	mg/kG	Not detected	0.500
Chromium	SW846-6010	mg/kG	8.41	0.500
Copper	SW846-6010	mg/kG	19.2	0.500
Nickel	SW846-6010	mg/kG	7.03	0.500
Lead	SW846-6010	mg/kG	158	0.500
Mercury	SW846-7471	mg/kG	Not detected	0.10
Total Solids	SM209A	%	87.0	1.0

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 05030611

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley
Managing Director

Date: 3/28/2005

YORK

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DRIVE STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

05030611

Company Name	Report To:	Invoice To:	Project ID/No.	
Enviro Science Consultants, Inc.	Tracy Wall	AM Farrell	Orchard Road	Tracy Wall (Samples Collected By (Signature)); Tracy Wall (Name (Printed))

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
1	SS-5	3/17/05		X			Metals & Pesticides *Please follow attached list*	1-8oz/none

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	Date/Time 3/21/05 10:45
Tracy Wall	3/17/05 0800	Sample Relinquished by	Date/Time
Bottles Received in Field by	Date/Time	Sample Received in LAB by	Date/Time 3/21 1:30PM
		Sample Received by	Date/Time 3/21 1045

Comments/Special Instructions
Sample must be analyzed on a dry weight basis

Turn-Around Time
X Standard ___ RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Enviroscience Consultants, Inc.
2150 Smithtown Avenue
Ronkonkoma, NY 11779
Attention: Tracy Wall

Report Date: 4/8/2005
Re: Client Project ID: Orchard Road
York Project No.: 05030938

CT License No. PH-0723 New York License No. 10854

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166