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2008.0168.00
April 15, 2009

New York State Dept. of Environmental Conservation
270 Michigan Avenue
Buffalo, NY 14203

Attn: Mr. Eugene Melnyk

Re: Test Pit Investigation - ABC Paving Site
4397 Seneca Street, West Seneca, NY

Dear Gene:

This letter report presents information relating to the Test Pit Investigation performed by TVGA Consultants (TVGA) on the behalf of Mr. Richard Garman at the above referenced property (project site). The scope of services for this investigation was consistent the January 29, 2009 Investigation Work Plan, which was approved by the New York State Department of Environmental Conservation (NYSDEC).

The project site contains a blue material that is reportedly spent manufactured gas plant (MGP) purifier wastes generated by Iroquois Gas (currently National Fuel Gas Co.). This blue material was disposed at the site by a previous owner. A number of investigations were completed at the project site to characterize the blue material, and other fills materials, primarily a white lime-like material and a black slag-like material, were encountered during these studies. Based on the results of these investigations, the NYSDEC concluded that the existing information was insufficient to make a determination relative to NYSDEC's listing of the site. The NYSDEC initially indicated that its two primary concerns are that the fill material had not been sufficiently characterized nor had it been adequately delineated.

In response, TVGA's prepared an October 27, 2008 letter that summarized the results of the previous test pit excavation programs. Based on this summary, the NYSDEC agreed that the areal extent of fill material has been adequately delineated. Therefore, no additional delineation work was required. However, TVGA completed additional test pit activities to further characterize the on-site fill material. The results of these activities are described below.

METHODS OF INVESTIGATION

Test Pit Excavation, Sampling and Analysis

Eight test pits were excavated on February 26, 2009 in accordance with the Investigation Work Plan. The test pit locations are shown on Figure 1. The purposes of the test pits were to characterize the near-surface geology across the project site; screen subsurface fill materials for evidence of contamination; and collect representative samples of the fill material for chemical analysis.

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ERSC, a division of Buffalo Crushed Stone Inc., provided an excavator, operator and laborer for the excavation of the test pits, and TVGA provided an environmental scientist to direct the work and collect samples for analysis. Test pit excavation occurred in one- to two-foot increments until native soil or an impassable fill material was encountered, or until the maximum reach of the excavator (which was approximately 11 feet) was reached. Excavated material was staged directly adjacent to the test pit. Visual characterization was performed for all test pits and the soil was screened for total organic vapors (TOVs) using a photoionization detector (PID). Following characterization and sample collection, the excavated soil/fill was returned to the excavation in the same general order it originated and the area was graded. Logs that detail the observations made during the test pit activities are included in Attachment 1.

Prior to the excavation each test pit, soil on the excavator bucket was manually removed and the bucket was rinsed with potable water. Wash fluids were allowed to infiltrate the ground surface of the site in the vicinity of each test pit.

A total of 12 samples of the fill material were collected from the test pits, eight of which were submitted for chemical analysis. The remaining four samples were placed on hold, pending the results of the submitted samples. The samples were collected from discrete layers of fill to characterize the different fill material present at the project site. The fill samples were analyzed for Target Compound List (TCL) volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs) and pesticides, and Target Analyte List (TAL) metals. Additionally, samples of the blue material collected from TP-6 and TP-7 were also analyzed for total cyanide. All analyses were completed using USEPA SW-846 methods.

Seep Sampling and Analysis

During the August 5, 2008 site visit, the NYSDEC had requested the collection of a sample from the seep observed adjacent to the southeast corner of the fenced area for chemical analysis. The location of the seep sample is depicted on Figure 1. This sample was analyzed for TCL VOCs, SVOCs, pesticides and PCBs, and TAL metals.

Sample Preservation

Immediately after collection, all samples were placed in a cooler and chilled with ice. To ensure sample integrity, a Chain-of-Custody (COC) sample record was established and kept with the samples to document sample handling. The samples were transported to TestAmerica Laboratories Inc. (TAL), a NYS Department of Health Environmental Laboratory Approval Program (ELAP) certified environmental laboratory, for analytical testing. The COC record established for the collected samples was maintained throughout laboratory handling. A copy of the COC and complete analytical laboratory report are included as Attachment 2.

FIELD CONDITIONS

The results of the test pit investigation indicate that a cover material overlies the fill material in each of the eight test pits. The overburden stratigraphy can be divided into three significant units, which include cover soil, fill materials and underlying native soils, which are described in descending order below.

- *Cover Soil* - The cover soil ranges in thickness from 0.25 to 4 feet and was present as the uppermost overburden layer. The cover soil consisted of dark brown gravelly-silt.
- *Fill Materials* - Fill materials were encountered below the cover material in thicknesses ranging from approximately 3.5 feet to 10 feet. The fill material primarily consists of three types that include:

  - *Blue Material* - The blue material ranged in thickness from 0.25 feet to 5.25 feet and generally consisted of wood fragments mixed with silt. This blue material was primarily observed in central portion of the fenced area.
  - *Black Silt Material* - Below the blue material, or the cover soil when the blue material was not present, was a black to dark brown silt that contained varying amounts of slag and wood fragments. The black silt material was encountered TP-1 through TP-4, TP-7 and TP-8 and ranged in thickness from 0.25 feet to more than 10 feet.
  - *White Material* - A white, lime-like silt material was encountered in TP-1 from 5 feet to 10.5 feet below grade.
- Native soil underlies the fill materials and consists of glaciolacustrine sediments. The native material primarily consists of a dark brown silty-clay to clayey-silt with a slight to low plasticity. The native material was encountered in four of the eight test pits.

With the exception of TP-2, saturated conditions were not encountered in the test pits. Saturated conditions, likely perched groundwater based on the absence in the other test pits, were encountered in TP-2 at 5 feet below grade.

Petroleum odors along with slightly elevated TOV measurements (109 ppm and 250 ppm) were identified in TP-2 and TP-8, respectively. The TOV measurements in the remaining test pits ranged from 0 to 30 ppm. The test pit logs included in Attachment 1 list the peak TOV measurements for each discrete layer encountered within the test pits.

SAMPLE COLLECTION/ANALYTICAL TESTING RESULTS

The following sections summarize and discuss the analytical results generated during the field investigation. For discussion purposes, this data is compared with the Standards Criteria and Guidance values (SCGs) applicable to each medium sampled, and include:

- Soil: Restricted Use Soil Cleanup Objectives (SCOs) for Commercial Uses listed in 6 NYCRR Part 375-6.8 (b).
- Surface water: NYSDEC's June 1998 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations in the Technical and Operational Guidance Series (TOGS) 1.1.1

Fill Samples

The analytical results for the eight fill samples are presented in Table 1. The following describes the analytical results:

- *VOCs* – No VOCs were detected above the SCGs.
- *SVOCs* – The samples collected from the black silt material in TP-1 and TP-3 contained one SVOC at a concentration that exceeded the SCGs. The sample collected from the black silt in TP-7 contained five SVOCs at concentrations that exceeded the SCGs.
- *Pesticides* – The samples of the blue fill material collected from TP-6 and TP-7 contained concentrations of alpha-BHC that slightly exceeded the SCG. No other pesticides were detected at concentrations above the SCGs.
- *PCBs* – No PCBs were detected in the fill samples collected from the project site.
- *Metals* – Each of the samples contained one or more metals at concentrations exceeding the SCGs. The metals detected at concentrations exceeding the SCGs included aluminum, arsenic, barium, calcium, copper, cyanide, iron, lead, magnesium and mercury. However, the detected concentrations were generally only slightly above the SCGs, typically less than two times the SCG.

- *Cyanide* – Cyanide was detected at concentrations of 280 and 380 mg/kg in the two samples of the blue material. These concentrations were above the SCG of 27 mg/kg but were lower than cyanide concentrations detected in samples previously collected at the project site.

Seep Sample

Table 2 summarizes the analytical results for the seep sample. The concentrations of three pesticides (alpha-BHC, aldrin and dieldrin) and three metals (iron, manganese and sodium) slightly exceeded the applicable SCGs. The seep did not contain any VOCs, SVOCs or PCBs at concentrations exceeding the SCGs.

SUMMARY AND CONCLUSIONS

TVGA performed a test pit investigation that included the collection of fill samples for chemical analysis to characterize the fill material on the project site. Additionally, a sample was collected for chemical analysis from the seep observed during the August 5, 2008 site visit. The investigation was performed to assist the NYSDEC in making a determination relative to their potential listing of the project site as an Inactive Hazardous Waste Disposal Site. This investigation revealed the following:

- Cover soil was encountered at all eight test pit locations, below which were three types of fill materials. Native soil was encountered in four of the eight test pits underlying the fill materials.

- Concentrations of analytes in the fill samples exceeding the SCGs included SVOCs, pesticides, and metals. None of the fill samples contained concentrations of VOCs or PCBs exceeding the SCGs.

    - The SVOCs detected in three samples at concentrations exceeding the SCGs are typically encountered in developed areas at similar concentrations. The relatively low concentrations and limited number of SCG contraventions indicate that SVOC contamination is not a significant concern at the project site.
    - Only one pesticide was detected in two of the eight samples at a concentration exceeding the SCGs. The detected concentrations were only slightly above the applicable SCG. The relatively low concentrations and limited number of SCG contraventions indicate that pesticide contamination is not a significant concern at the project site.
    - Metals were generally detected at concentrations slightly above the applicable SCGs, and the reported concentrations often were within the background concentration ranges for the Eastern United States. These results do not suggest that metals contamination is a significant concern at this site.
    - In the blue material, cyanide was detected at concentrations above the SCG but below the concentrations detected during previous sampling activities at the site, which ranged from 286 ppm to 2,180 ppm. This new information does not suggest that further remediation is warranted.

- The samples collected from TP-2 and TP-8, in which slightly elevated PID measurements were recorded, did not contain VOCs at concentrations above the SCGs. Only one SVOC was detected in one of the two samples at a concentration above the SCGs.

- The assumption that the white material is comprised of lime was likely confirmed based on the lack of contaminants detected within the sample as well as the high concentration of calcium detected.

- The metals detected in the seep sample at concentrations slightly above the SCGs are related to aesthetics rather than hazardous conditions, and the elevated concentration of iron suggests that the reddish color of the seep area is caused by iron staining. The relatively low concentrations of the three pesticides detected as well as the fact that two of the three pesticides were not detected within the fill materials at concentrations above the SCGs indicates that pesticides are not a significant concern at the project site. Additionally, based on information obtained during a previous investigation at the project site, this seep is positioned hydrogeologically cross-gradient to the fill material.

Based on the information obtained during this investigation, as well as during previous characterization activities conducted at the project site, warrant additional remedial activities are not warranted at the project site. Additionally, the characterization results indicate that including the project site on the NYSDEC's list of Inactive Hazardous Waste Disposal Sites is not warranted. Therefore, we respectfully request that the NYSDEC consider preparing a letter that indicates that no further action is required.

Should you have any questions concerning this submittal, please contact us at your earliest convenience.

Very truly yours,

TVGA CONSULTANTS

James C. Manzella, CHMM
Project Scientist
JCM:csw

Daniel E. Riker, P.G.
Project Manager

cc: R. Garman
C. O'Connor (NYSDOH)

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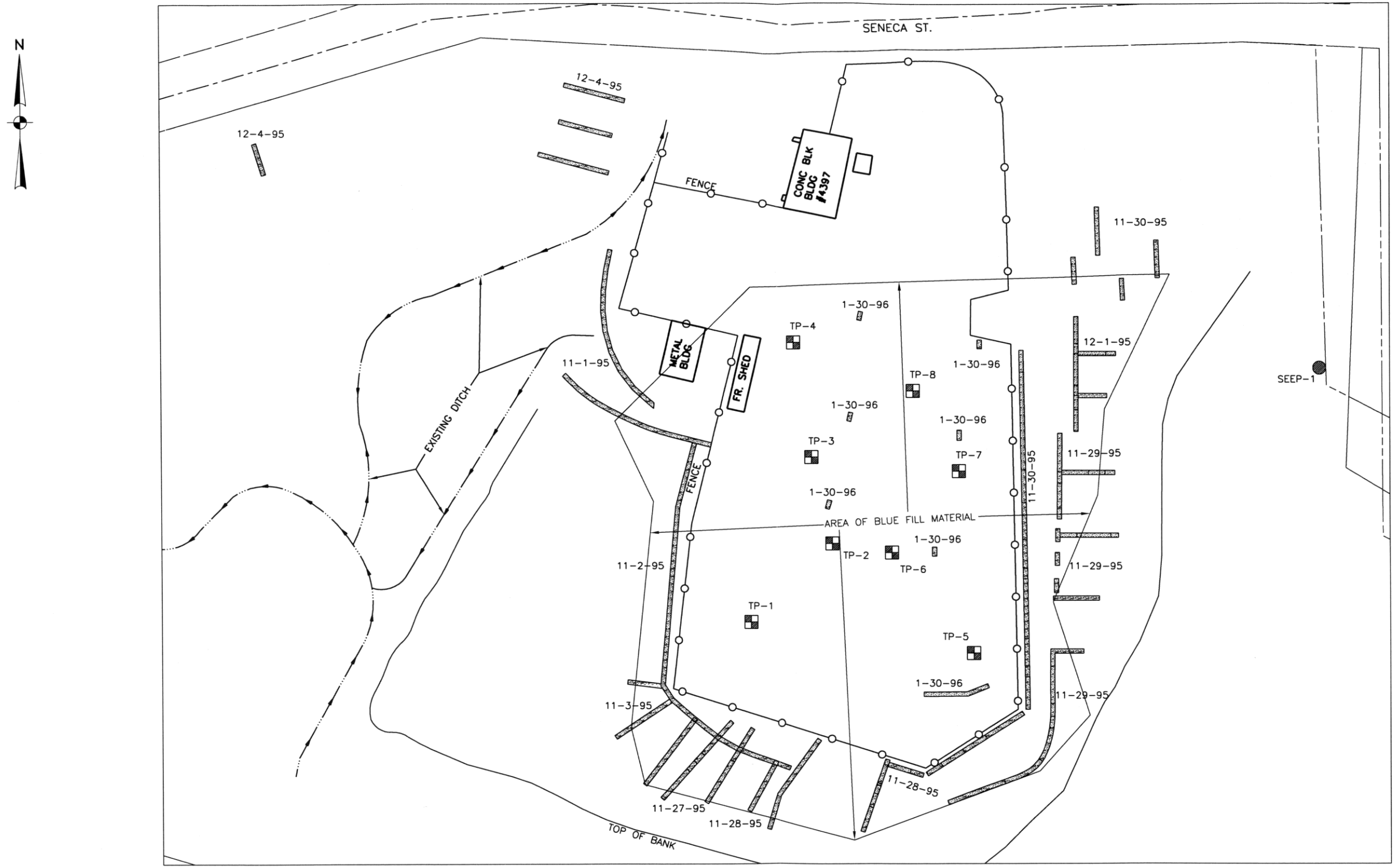
FIGURE 1



LEGEND

HATCHED AREAS REPRESENT TEST PIT LOCATIONS EXCAVATED IN DECEMBER 1995 AND JANUARY 1996

SEEP SAMPLE LOCATION

TEST PIT LOCATIONS (EXCAVATED 2-26-09)

NOTES:

- DUE TO LACK OF DIMENSIONAL INFORMATION SIX OF THE JANUARY 30, 1996 TEST PITS LOCATED IN THE FENCED AREA WERE ESTIMATED TO BE 8 BY 4 FOOT.

TEST PIT LOCATION MAP

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ABC PAVING SITE
4397 SENECA STREET
WEST SENECA, NEW YORK

PROJECT NO. 2008.0168.00	SCALE: 1" = 150'	DATE: MAR. 2009	FIGURE NO. 1

File: N:\2008.0168.00 ABC Paving Site\Engineering\CADD\CS-100-090302.dwg, Plot Date: 4/15/2009, By: ODONOGHUE TIMOTHY S., Plot Style: HALF-BLACK.CTB

TABLES

Table 1
ABC Paving Site

Summary of Analytical Results
Fill Samples

	SOIL CLEANUP OBJECTIVE COMMERCIAL USE	EASTERN USA BACKGROUND CONCENTRATIONS	Fill Samples							
			TP-1	TP-1	TP-2	TP-3	TP-6	TP-7	TP-7	TP-8
Interval Sampled (feet bgs):			0.75 - 5	5 - 10	5 - 5.5	1 - 8	0.75 - 1.5	1 - 1.25	1.25 - 5.5	2 - 2.5
Material Sampled:			Black silt material	White material	Black silt material	Black silt material	Blue material	Blue material	Black silt material	Black silt material
Date Collected:			4/16/2008	2/26/2009	2/26/2009	2/26/2009	2/26/2009	2/26/2009	2/26/2009	2/26/2009
Volatile Organic Compounds (ug/Kg)										
Acetone	500,000		1,300	110	310		22		350	1,400
Benzene	44,000				24					150
Carbon Disulfide	500,000*		140	21	220	3.9	6.2	6.3	5.3	590
2-Butanone	500,000*		230		100				56	350
Ethylbenzene	390,000				200	1.8		8.1		
Methylene Chloride	500,000		33	23	39		23	36	4.9	78
Naphthalene	500,000									19,000
Toluene	500,000				38					89
m&p-xylene	500,000			9.8	140	1.7		47	1.8	490
o-xylene	500,000				53	1.5		36		420
1,2,4-trimethylbenzene	190,000									6,500
Semi-Volatile Organic Compounds (ug/Kg)										
1,1-Biphenyl	500,000*		260		1,900			410	400	
Acenaphthene	500,000		300	62	1,000	130			2,800	
Acenaphthylene	500,000		650	58	1,700		120	400	510	590
Anthracene	500,000		120	85	1,500	160		160	7,200	410
Benzo(a)anthracene	5,600		170	120	2,200	510	340	900	15,000	1,700
Benzo(a)pyrene	1,000		130	99	1,700	350	170	380	12,000	650
Benzo(b)fluoranthene	5,600			92	2,500	660	310	880	14,000	1,400
Benzo(g,h,i)perylene	500,000		130	48	1,900	340	230	560	9,600	840
Benzo(k)fluoranthene	56,000								1,400	
Carbazole	500,000*			90					2,200	
Chrysene	56,000			120	2,300	460	260	860	14,000	1,500
Dibenzo(a,h)anthracene	560				450	97		130	2,500	
Dibenzofuran	500,000*		560	130	1,500			310	2,300	260
Fluoranthene	500,000		1,000	270	3,500	970	500	1,800	29,000	3,400
Fluorene	500,000		480	170	3,200	200		330	3,800	330
Indeno(1,2,3-cd)pyrene	5,600		120		1,400	290	120	410	8,600	660
Naphthalene	500,000		9,100	300	4,200	990	440	750	2,100	2,400
Pentachlorophenol	6,700		16,000							
Phenanthrene	500,000		2,900	480	10,000	1,400	730	3,800	31,000	8,700
Pyrene	500,000		920	220	6,300	1,200	930	3,600	31,000	6,300
Pesticides / PCBs (ug/Kg)										
alpha-BHC	3,400		1,800		17	15	5,800	3,700	210	840
beta-BHC	3,000		160	8.5	39	42	600	1,400	150	
delta-BHC	500,000		5.3	0.87		9.1			12	
Aldrin	680		5.5							
Heptachlor epoxide	500,000*		3.9		30					
Dieldrin	1,400		12		11					
4,4-DDE	62,000			1.4		9.2	87	130		230
Endrin	89,000		6.3	1	17	11		570	42	610
Endosulfan II	200,000			0.6	6.7		46	140	7.2	200
4,4-DDT	47,000				38	22	210	510	49	
Methoxychlor	500,000*		27	3.2	11	17	120	700	67	770
Endrin ketone	500,000*			0.8	7.3	6.3	86	180		170
Endrin aldehyde	500,000*		5.4							
alpha-Chlordane	24,000		3.4							210
gamma-Chlordane	500,000*		10	2.3	6.5					
Aroclor-1254	1,000		810		130		260	200	190	
Metals (mg/Kg)										
Aluminum	10,000*	33,000	3,000	4,400	8,100	14,000	7,900	51	16,000	1,400
Antimony	10,000*	-	8.80		2		4.6	7.9		20
Arsenic	16	3 - 12	44	0.9	24	14	25	8.4	20	62
Barium	400	15 - 600	74	12	110	140	190	100	160	480
Beryllium	590	0-1.75	0.46	0.96	0.63	1.8	1.5		1.9	
Boron	10,000*	-	4.3	8	6.8	52	13	0.29	38	2.4
Cadmium	9.3	0.1 - 1	0.63		1.3	2.1	0.26	0.13	3.5	0.84
Calcium	10,000*	130 - 35,000	13,000	340,000	29,000	62,000	59,000	26,000	78,000	36,000
Chromium	1,500	1.5 - 40	130	8.3	69	34	24	10	130	140
Cobalt	10,000*	2.5 - 60	18	1.7	7.1	5.7	2.1	1.1	9.5	9.8
Copper	270	1-50	140	9.6	310	90	63	61	120	300
Cyanide	27	-					280	380		
Iron	10,000*	2,000 - 550,000	98,000	3,900	79,000	98,000	33,000	9,600	190,000	120,000
Lead	1,000	200 - 500	34	3.3	3,000	180	150	92	250	860
Magnesium	10,000*	100 - 5,000	1500	620	3,200	14,000	8,400	49	9,400	580
Manganese	10,000	50 - 5,000	260	47	640	4,000	600	150	10,000	470
Mercury	2.8	0.001 - 0.2	4.8	0.14	4.2	0.3	1.3	3.1	1.1	2.1
Nickel	310	0.5 - 25	91	15	43	24	19	12	55	120
Potassium	10,000*	8,500 - 43,000	210	300	1,300	1,800	780	280	1300	510
Selenium	1,500	0.1 - 3.9	3		2.4	2.1	1.3		1.9	4.3
Silver	1,500	-	0.28		0.29	0.39	0.47	0.51	0.66	1.6
Sodium	10,000*	6,000 - 8,000	110		150	420	540	290	320	350
Thallium	10,000*	-	1.6		1.4	1.9		0.53	2.9	2
Vandium	10,000*	1 - 300	45	44	25	24	13	2.7	63	63
Zinc	10,000	9 - 50	120		510	480	30	19	970	200

Notes:

1. Source for Soil Cleanup Objectives is from 6NYCRR Part 375 Environmental Remediation Programs December 2006 Edition
2. Source for Eastern USA Background is Technical and Administrative Guidance Memorandum #4046 January 1994
3. ug/Kg = micrograms per Kilogram (equivalent to parts per billion or ppb)
4. mg/Kg = milligrams per Kilogram (equivalent to parts per million or ppm)
5. Blank space indicates parameter not detected
6. Only analytes detected in one or more samples are shown

"-" No regulatory value is associated with this parameter

* Cleanup Objective not specified therefore maximum individual VOC, SVOC and pesticide concentration of 500,000 ppb (Commercial Use SCO) was utilized and for unlisted metals a concentration of 10,000 ppm (Commercial Use SCO) was utilized.

Shaded represents sample exceeding the Regulatory Value

Table 2
ABC Paving Site

Summary of Analytical Results
Seep Sample

	NYSDEC CLASS GA GROUNDWATER STANDARD OR GUIDANCE VALUE	Seep Sample
		SEEP-1
Date Collected:		2/26/2009
Volatile Organic Compounds (ug/L)		
Acetone	50	1.5
Total VOCs	-	
Semi-Volatile Organic Compounds (ug/L)		
4-Nitroaniline	5	0.94
Total SVOCs		
Pesticides / PCBs (ug/L)		
alpha-BHC	0.01	0.027
delta-BHC	0.04	0.022
gamma-BHC (Lindane)	0.05	0.016
Aldrin	Non-Detect	0.01
Dieldrin	0.004	0.028
4,4-DDE	0.20	0.03
alpha-Chlordane	0.05	0.022
gamma-Chlordane	0.05	0.018
Metals (mg/L)		
Aluminum	-	0.11
Barium	1	0.062
Boron	1	0.13
Calcium	-	190
Chromium	0.05	0.0023
Cobalt	-	0.014
Iron	0.3	8.7
Magnesium	35	33
Manganese	0.3	6.5
Nickel	0.1	0.01
Potassium	-	11
Sodium	20	150
Zinc	2	0.0077

Notes:

1. Class GA regulatory values are derived from NYS Ambient Water Quality Standards TOGS 1.1.1 (Source of Drinking Water, groundwater)
2. ug/L = micrograms per Liter (equivalent to parts per billion or ppb)
3. Blank space indicates parameter not detected
4. Only analytes detected in one or more samples are shown

"-" No regulatory value is associated with this parameter

Shaded represents sample exceeding the Regulatory Value

ATTACHMENT 1

TVGA CONSULTANTS

TEST PIT LOG

PIT NO: 1

Project Name: ABC Paving - Test Pit Investigation
Project Location: 4397 Seneca St. West Seneca, NY

Project No: 2008.0168.00
Date: 2-26-09

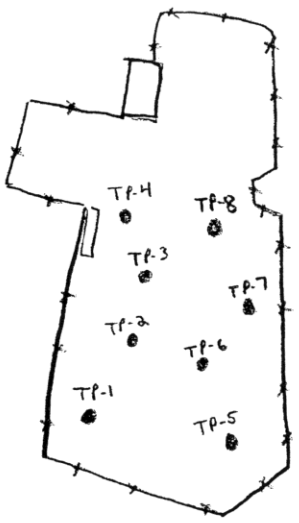
Description South west corner of fenced area

Depth 11' bgs

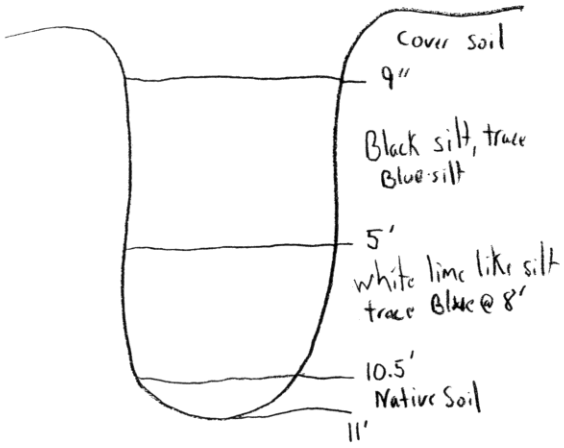
0	Surface: Cover soil (brown sandy-silt & gravel) to 9" bgs.
	Black silty material with trace amounts of blue silt, some wood pieces PID = 0.8ppm
1	
2	
3	
4	
5	White silty-lime like material and @ 8' was bluish-white PID = 7.7ppm
6	

Comments: Collected 2 samples: (1) 9" - 5' bgs and (2) 5' - 10' bgs # Native soil @ 10.5' (i.e. Dark brown Clay-silt to silty clay)

Location Sketch



Cross Section:



Geologist: JCM

Operator: Ken Austin

TVGA CONSULTANTS

TEST PIT LOG

PIT NO: 2

Project Name: ABC Paving - Test Pit Investigation
Project Location: 4397 Seneca St. West Seneca, NY

Project No: 2008.0168.00
Date: 2-26-09

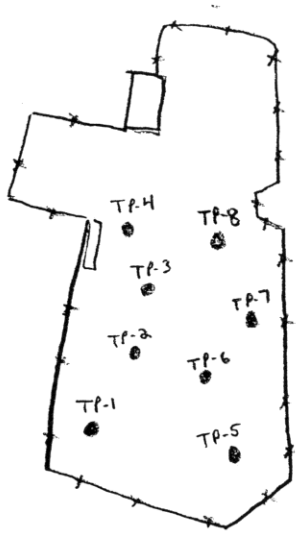
Description South west quadrant of Fenced area

Depth 8' bgs

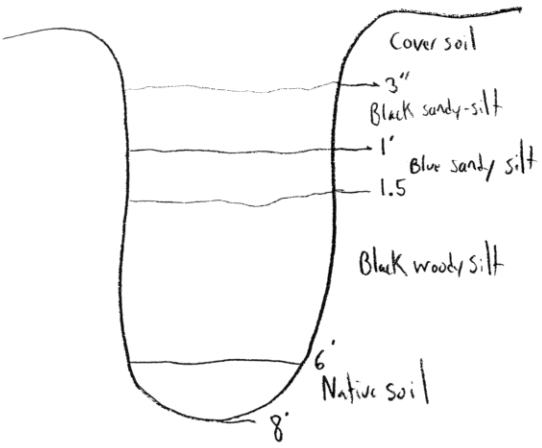
0	Surface: Cover soil (Brown gravelly sand + silt)
	Black sandy-silt and gravel with bricks and metal pieces. PID = 0ppm
1	☆ Blue sandy-silt PID = 0ppm
	☆ Black woody-silt, w/ strong diesel smell PID = 109ppm @ 5.5' bgs
2	
3	
4	
5	as above w/ ground water
6	Dark Brown clayey silt to silty-clay.

Comments: ☆ = Indicates sample was collected from this interval

Location Sketch



Cross Section:



Geologist: JCM

Operator: Ken Austin

TVGA CONSULTANTS

TEST PIT LOG

PIT NO: 3

Project Name: ABC Paving - Test Pit Investigation
Project Location: 4397 Seneca St. West Seneca, NY

Project No: 2008.0168.00
Date: 2-26-09

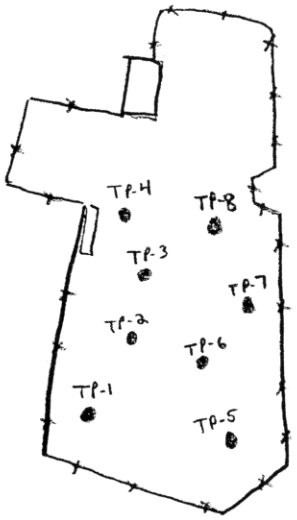
Description West central portion of Fenced Area

Depth 11' bgs

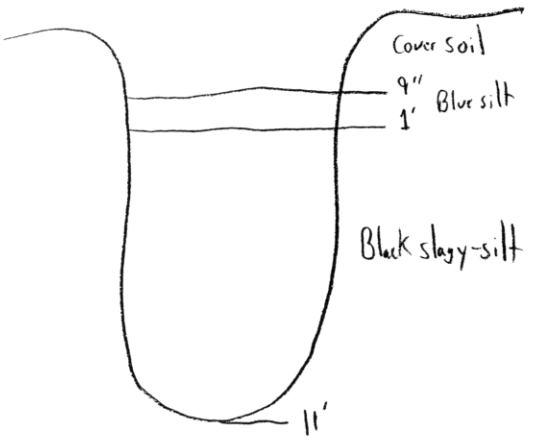
0	Surface: Cover Soil (Brown gravelly-silt)
	Blue, silt (hard) w/ wood pieces PID = 0ppm
1	Black, slagy-silt w/ wood pieces, + red and fire brick pieces, w/ heavy oil type smell PID = 1.5ppm
2	
3	Conclude test pit @ 11' bgs due to backhoe reach limitations
4	
5	
6	

Comments: A composite sample was collected from 1' to 8' bgs

Location Sketch



Cross Section:



Geologist: JCM

Operator: Ken Austin

TVGA CONSULTANTS

TEST PIT LOG

PIT NO: 4

Project Name: ABC Paving - Test Pit Investigation
Project Location: 4397 Seneca St. West Seneca, NY

Project No: 2008.0168.00
Date: 2-26-09

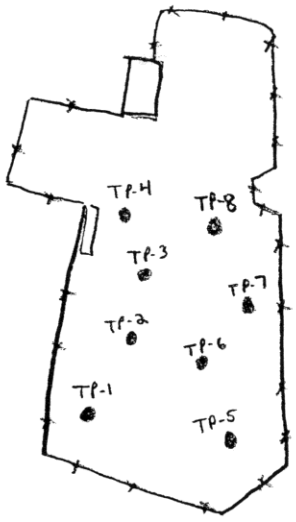
Description Northwest portion of Fenced area

Depth 5' bgs

0	Surface: Cover soil (Brown gravelly-silt)
1	Black slaggy-silt w/ wood pieces + red + fire brick pieces PID = 3ppm
2	
3	
4	
5	Completed test pit @ 5' bgs due to hard packed bottom
6	

Comments: A composite sample was collected from 1' to 5' bgs

Location Sketch



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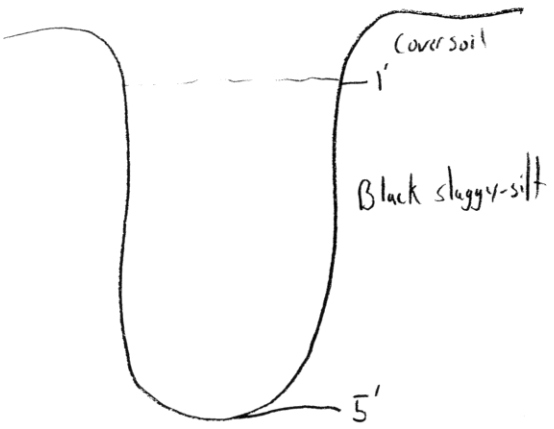


Geologist: JCM

Operator: Ken Austin

TVGA CONSULTANTS

TEST PIT LOG

PIT NO: 5

Project Name: ABC Paving - Test Pit Investigation
Project Location: 4397 Seneca St. West Seneca, NY

Project No: 2008.0168.00
Date: 2-26-09

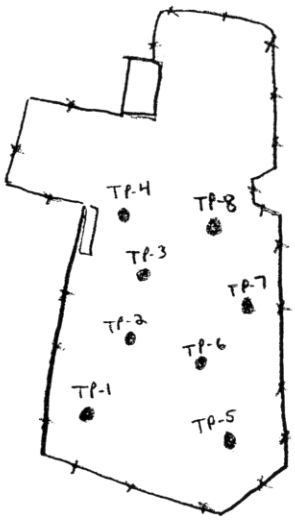
Description Southeast corner of fenced area

Depth 9'

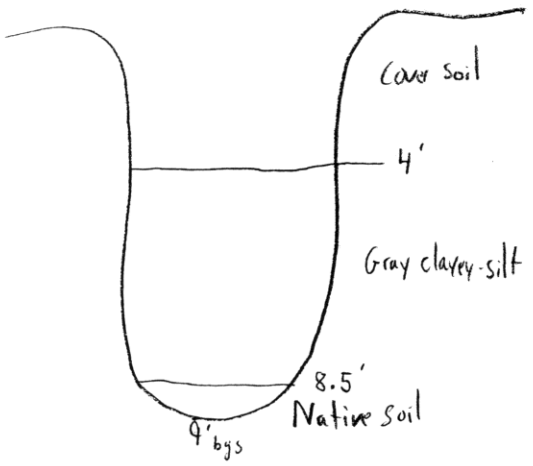
0	Surface: Cover Soil (Red-brown, clayey-silt, some gravel, trace brick, metal pieces. PID=0ppm
1	
2	
3	
4	Gray, Clayey-silt, little slag, trace wood fragments w/ tree roots @ bottom, strong sulfur smell PID=0ppm
5	
6	
8.5' bgs	Native Soil (Dark brown, silty-clay to clayey-silt) PID=0

Comments: A composite sample was collected from 4' to 8' bgs

Location Sketch



Cross Section:



Geologist: JCM

Operator: Ken Austin

TVGA CONSULTANTS

TEST PIT LOG

PIT NO: 6

Project Name: ABC Paving - Test Pit Investigation
Project Location: 4397 Seneca St. West Seneca, NY

Project No: 2008.0168.00
Date: 2-26-09

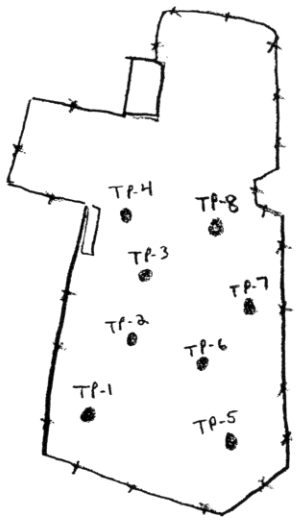
Description Southeast portion of Fenced area

Depth 10' bgs

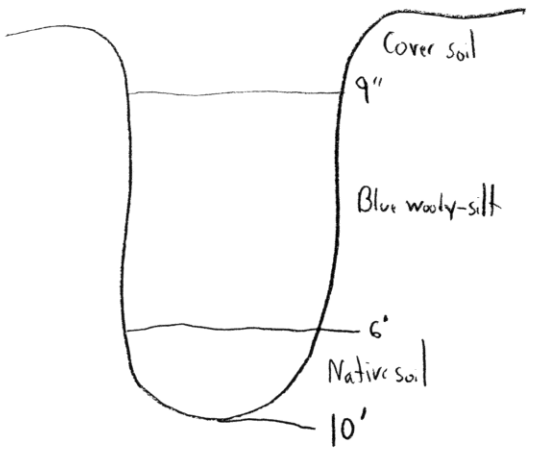
0	Surface: Cover Soil (Brown, gravelly-silt, trace brick)
	Blue, woody-silt PID= 0ppm
1	
2	
3	
4	
5	
6	Native soil (Reddish-brown, clayey-silt, w/ tree roots

Comments: A composite sample was collected from 9" to 1.5' bgs

Location Sketch



Cross Section:



Geologist: JCM

Operator: Ken Austin

N:\2008.0168.00 ABC Paving Site\Engineering\10Deliverables\test pit log.doc

TVGA CONSULTANTS

TEST PIT LOG

PIT NO: 7

Project Name: ABC Paving - Test Pit Investigation
Project Location: 4397 Seneca St. West Seneca, NY

Project No: 2008.0168.00
Date: 2-26-09

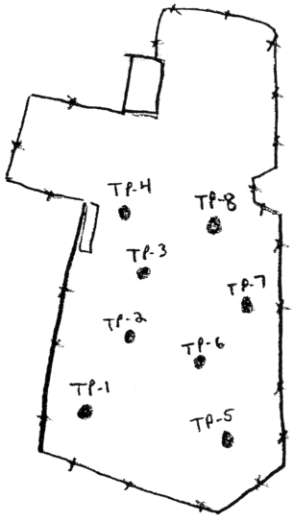
Description West central portion of Fenced area

Depth 5.5' bgs

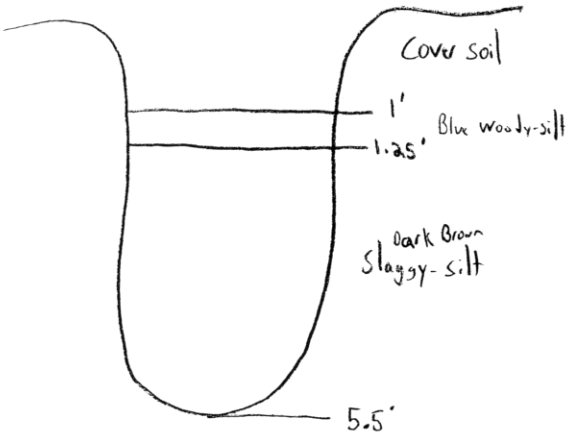
0	Surface: Cover Soil (Brown, gravelly-silt)
1	Blue, woody-silt PID= 30ppm
	Dark brown, sluggy-silt w/trace wood and brick PID= 14ppm
2	
3	
4	
5	
6	Concluded test pit @ 5.5' due to hard bottom

Comments: Composite Samples were collected from 1' to 1.25' bgs and from 1.25' to 5.5' bgs

Location Sketch



Cross Section:



Geologist: JCM

Operator: Ken Austin

TVGA CONSULTANTS

TEST PIT LOG

PIT NO: 8

Project Name: ABC Paving - Test Pit Investigation
Project Location: 4397 Seneca St. West Seneca, NY

Project No: 2008.0168.00
Date: 2-26-09

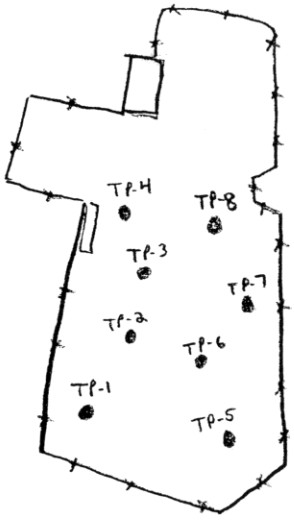
Description West central portion of forest area

Depth 5.5' bgs

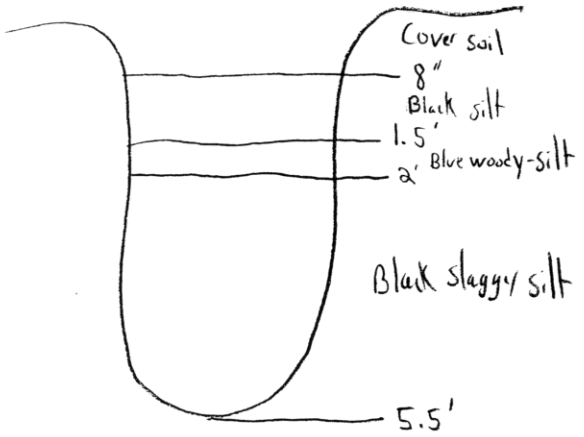
0	Surface: Cover soil (Dark brown gravelly-silt)
	Black, silt and wood pieces
1	
	Blue, woody-silt PID= 0ppm
2	Black, slaggy-silt, w/ wood pieces to 2.5' bgs PID= 250ppm
3	Below 2.5' PID ranged 10-80ppm
4	
5	
	Concluded test pit @ 5.5' bgs due to hard bottom
6	

Comments: Collected two composite samples. From 1.5' to 2' bgs and from 2' to 2.5' bgs

Location Sketch



Cross Section:



Geologist: JCM

Operator: Ken Austin

ATTACHMENT 2

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
Reported: 03/17/09 11:29

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-01 (DRAFT: TP-1-D 0.75-5 - Solid)						**Sampled: 02/26/09 08:45**			**Recvd: 02/27/09 09:15**	
DRAFT: Volatile Organic Compounds by EPA 8260B										
2-Butanone	230		43	12	ug/kg dry	1.00	03/05/09 13:36	LH	9C03027	8260B
Carbon disulfide	140		8.5	0.73	ug/kg dry	1.00	03/05/09 13:36	LH	9C03027	8260B
Methylene Chloride	33		8.5	3.8	ug/kg dry	1.00	03/05/09 13:36	LH	9C03027	8260B
Sample ID: RSB0930-01RE1 (DRAFT: TP-1-D 0.75-5 - Solid)						**Sampled: 02/26/09 08:45**			**Recvd: 02/27/09 09:15**	
DRAFT: Volatile Organic Compounds by EPA 8260B										
Acetone	1300		200	8.7	ug/kg dry	1.00	03/05/09 21:11	CDC	9C03027	8260B
Sample ID: RSB0930-02 (DRAFT: TP-1-D 5-10 - Solid)						**Sampled: 02/26/09 09:00**			**Recvd: 02/27/09 09:15**	
DRAFT: Volatile Organic Compounds by EPA 8260B										
Acetone	110	J	150	6.8	ug/kg dry	1.00	03/05/09 14:04	LH	9C03027	8260B
Carbon disulfide	21	J	31	2.7	ug/kg dry	1.00	03/05/09 14:04	LH	9C03027	8260B
Methylene Chloride	23	J	31	14	ug/kg dry	1.00	03/05/09 14:04	LH	9C03027	8260B
m-Xylene & p-Xylene	9.8	J	62	2.7	ug/kg dry	1.00	03/05/09 14:04	LH	9C03027	8260B
Sample ID: RSB0930-04 (DRAFT: TP-2-D 5-5.5 - Solid)						**Sampled: 02/26/09 09:45**			**Recvd: 02/27/09 09:15**	
DRAFT: Volatile Organic Compounds by EPA 8260B										
2-Butanone	100	J	160	44	ug/kg dry	1.00	03/05/09 14:29	LH	9C03027	8260B
Acetone	310		160	7.0	ug/kg dry	1.00	03/05/09 14:29	LH	9C03027	8260B
Benzene	24	J	32	3.5	ug/kg dry	1.00	03/05/09 14:29	LH	9C03027	8260B
Carbon disulfide	220		32	2.7	ug/kg dry	1.00	03/05/09 14:29	LH	9C03027	8260B
Ethylbenzene	200		32	2.2	ug/kg dry	1.00	03/05/09 14:29	LH	9C03027	8260B
Methylene Chloride	39		32	14	ug/kg dry	1.00	03/05/09 14:29	LH	9C03027	8260B
m-Xylene & p-Xylene	140		64	2.8	ug/kg dry	1.00	03/05/09 14:29	LH	9C03027	8260B
o-Xylene	53		32	1.6	ug/kg dry	1.00	03/05/09 14:29	LH	9C03027	8260B
Toluene	38		32	5.4	ug/kg dry	1.00	03/05/09 14:29	LH	9C03027	8260B
Sample ID: RSB0930-05 (DRAFT: TP-3-D 1-8 - Solid)						**Sampled: 02/26/09 10:45**			**Recvd: 02/27/09 09:15**	
DRAFT: Volatile Organic Compounds by EPA 8260B										
Carbon disulfide	3.9	J	7.0	0.60	ug/kg dry	1.00	03/05/09 14:54	LH	9C03027	8260B
Ethylbenzene	1.8	J	7.0	0.48	ug/kg dry	1.00	03/05/09 14:54	LH	9C03027	8260B
m-Xylene & p-Xylene	1.7	J	14	0.61	ug/kg dry	1.00	03/05/09 14:54	LH	9C03027	8260B
o-Xylene	1.5	J	7.0	0.35	ug/kg dry	1.00	03/05/09 14:54	LH	9C03027	8260B
Sample ID: RSB0930-08 (DRAFT: TP-6-D .75-1.5 - Solid)						**Sampled: 02/26/09 13:00**			**Recvd: 02/27/09 09:15**	
DRAFT: Volatile Organic Compounds by EPA 8260B										
Acetone	22	J	41	1.8	ug/kg dry	1.00	03/05/09 21:36	CDC	9C03027	8260B
Carbon disulfide	6.2	J	8.2	0.70	ug/kg dry	1.00	03/05/09 21:36	CDC	9C03027	8260B
Methylene Chloride	23		8.2	3.6	ug/kg dry	1.00	03/05/09 21:36	CDC	9C03027	8260B
Sample ID: RSB0930-09 (DRAFT: TP-7-D 1-1.25 - Solid)						**Sampled: 02/26/09 13:30**			**Recvd: 02/27/09 09:15**	
DRAFT: Volatile Organic Compounds by EPA 8260B										
Carbon disulfide	6.3	J	31	2.6	ug/kg dry	1.00	03/05/09 16:12	LH	9C03027	8260B
Ethylbenzene	8.1	J	31	2.1	ug/kg dry	1.00	03/05/09 16:12	LH	9C03027	8260B
Methylene Chloride	36		31	14	ug/kg dry	1.00	03/05/09 16:12	LH	9C03027	8260B
m-Xylene & p-Xylene	47	J	62	2.7	ug/kg dry	1.00	03/05/09 16:12	LH	9C03027	8260B
o-Xylene	36		31	1.5	ug/kg dry	1.00	03/05/09 16:12	LH	9C03027	8260B
Sample ID: RSB0930-10 (DRAFT: TP-7-D 1.25-5.5 - Solid)						**Sampled: 02/26/09 13:45**			**Recvd: 02/27/09 09:15**	
DRAFT: Volatile Organic Compounds by EPA 8260B										

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
Reported: 03/17/09 11:29

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-10 (DRAFT: TP-7-D 1.25-5.5 - Solid) - cont.						**Sampled: 02/26/09 13:45**				**Recvd: 02/27/09 09:15**
DRAFT: Volatile Organic Compounds by EPA 8260B - cont.										
2-Butanone	56		42	11	ug/kg dry	1.00	03/05/09 16:37	LH	9C03027	8260B
Acetone	350		42	1.8	ug/kg dry	1.00	03/05/09 16:37	LH	9C03027	8260B
Carbon disulfide	5.3	J	8.3	0.71	ug/kg dry	1.00	03/05/09 16:37	LH	9C03027	8260B
Methylene Chloride	4.9	J	8.3	3.7	ug/kg dry	1.00	03/05/09 16:37	LH	9C03027	8260B
m-Xylene & p-Xylene	1.8	J	17	0.72	ug/kg dry	1.00	03/05/09 16:37	LH	9C03027	8260B
Sample ID: RSB0930-12 (DRAFT: TP-8-D 2-2.5 - Solid)						**Sampled: 02/26/09 14:20**				**Recvd: 02/27/09 09:15**
DRAFT: Volatile Organic Compounds by EPA 8260B										
2-Butanone	350		250	68	ug/kg dry	1.00	03/05/09 17:28	LH	9C03027	8260B
Acetone	1400		250	11	ug/kg dry	1.00	03/05/09 17:28	LH	9C03027	8260B
Benzene	150		50	5.5	ug/kg dry	1.00	03/05/09 17:28	LH	9C03027	8260B
Carbon disulfide	590		50	4.3	ug/kg dry	1.00	03/05/09 17:28	LH	9C03027	8260B
Methylene Chloride	78		50	22	ug/kg dry	1.00	03/05/09 17:28	LH	9C03027	8260B
m-Xylene & p-Xylene	490		100	4.3	ug/kg dry	1.00	03/05/09 17:28	LH	9C03027	8260B
o-Xylene	420		50	2.5	ug/kg dry	1.00	03/05/09 17:28	LH	9C03027	8260B
Toluene	89		50	8.5	ug/kg dry	1.00	03/05/09 17:28	LH	9C03027	8260B
Sample ID: RSB0930-12RE1 (DRAFT: TP-8-D 2-2.5 - Solid)						**Sampled: 02/26/09 14:20**				**Recvd: 02/27/09 09:15**
DRAFT: Volatile Organic Compounds by EPA 8260B										
1,2,4-Trimethylbenzene	6500	D08	63	4.5	ug/kg dry	1.00	03/06/09 15:31	DHFC	9C06073	8260B
Naphthalene	19000	D08	63	8.5	ug/kg dry	1.00	03/06/09 15:31	DHFC	9C06073	8260B
Sample ID: RSB0930-13 (DRAFT: SEEP-1 - Water)						**Sampled: 02/26/09 15:30**				**Recvd: 02/27/09 09:15**
DRAFT: Volatile Organic Compounds by EPA 8260B										
Acetone	1.5	J	5.0	1.3	ug/L	1.00	03/06/09 16:39	DHF	9C06026	8260B

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
Reported: 03/25/09 16:31

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-01 (DRAFT: TP-1-D 0.75-5 - Solid)						**Sampled:**	**02/26/09 08:45**		**Recvd: 02/27/09 09:15**	
DRAFT: Polychlorinated Biphenyls by EPA Method 8082										
Aroclor 1016	ND	D08, QSU	280	56	ug/kg dry	10.0	03/04/09 14:11	tch	9C02038	8082
Aroclor 1221	ND	D08, QSU	280	56	ug/kg dry	10.0	03/04/09 14:11	tch	9C02038	8082
Aroclor 1232	ND	D08, QSU	280	56	ug/kg dry	10.0	03/04/09 14:11	tch	9C02038	8082
Aroclor 1242	ND	D08, QSU	280	62	ug/kg dry	10.0	03/04/09 14:11	tch	9C02038	8082
Aroclor 1248	ND	D08, QSU	280	56	ug/kg dry	10.0	03/04/09 14:11	tch	9C02038	8082
Aroclor 1254	**810**	D08, QSU	280	60	ug/kg dry	10.0	03/04/09 14:11	tch	9C02038	8082
Aroclor 1260	ND	D08, QSU	280	60	ug/kg dry	10.0	03/04/09 14:11	tch	9C02038	8082
Aroclor 1262	ND	D08, QSU	280	60	ug/kg dry	10.0	03/04/09 14:11	tch	9C02038	8082
Aroclor 1268	ND	D08, QSU	280	60	ug/kg dry	10.0	03/04/09 14:11	tch	9C02038	8082
Polychlorinated biphenyls, Total [9 AR]	**810**	D08, QSU	280	170	ug/kg dry	10.0	03/04/09 14:11	tch	9C02038	8082
Total Polychlorinated Biphenyls-[7AR]	**810**	D08, QSU	280	150	ug/kg dry	10.0	03/04/09 14:11	tch	9C02038	8082
Surr: Decachlorobiphenyl (34-148%)	*	*D08, QSU*					03/04/09 14:11	tch	9C02038	8082
Surr: Tetrachloro-m-xylene (35-134%)	*	*D08, QSU*					03/04/09 14:11	tch	9C02038	8082
DRAFT: Total Metals by SW 846 Series Methods										
Aluminum	**3000**		17	4.4	mg/kg dry	1.00	03/06/09 15:00	TWS	9C04066	6010B
Antimony	**8.8**	J	25	0.91	mg/kg dry	1.00	03/06/09 15:00	TWS	9C04066	6010B
Arsenic	**44**		3.4	0.37	mg/kg dry	1.00	03/06/09 15:00	TWS	9C04066	6010B
Barium	**74**		0.84	0.084	mg/kg dry	1.00	03/06/09 15:00	TWS	9C04066	6010B
Beryllium	**0.46**		0.34	0.017	mg/kg dry	1.00	03/06/09 15:00	TWS	9C04066	6010B
Boron	**4.3**		3.4	0.24	mg/kg dry	1.00	03/06/09 15:00	TWS	9C04066	6010B
Cadmium	**0.63**		0.34	0.068	mg/kg dry	1.00	03/06/09 15:00	TWS	9C04066	6010B
Calcium	**13000**		84	17	mg/kg dry	1.00	03/06/09 15:00	TWS	9C04066	6010B
Chromium	**130**		0.84	0.15	mg/kg dry	1.00	03/06/09 15:00	TWS	9C04066	6010B
Cobalt	**18**		0.84	0.084	mg/kg dry	1.00	03/06/09 15:00	TWS	9C04066	6010B
Copper	**140**		1.7	0.20	mg/kg dry	1.00	03/06/09 15:00	TWS	9C04066	6010B
Iron	**98000**		17	5.1	mg/kg dry	1.00	03/06/09 15:00	TWS	9C04066	6010B
Lead	**34**		1.7	0.20	mg/kg dry	1.00	03/06/09 15:00	TWS	9C04066	6010B
Magnesium	**1500**		34	7.1	mg/kg dry	1.00	03/06/09 15:00	TWS	9C04066	6010B
Manganese	**260**		0.34	0.17	mg/kg dry	1.00	03/06/09 15:00	TWS	9C04066	6010B
Nickel	**91**		0.84	0.14	mg/kg dry	1.00	03/06/09 15:00	TWS	9C04066	6010B
Potassium	**210**		51	14	mg/kg dry	1.00	03/06/09 15:00	TWS	9C04066	6010B
Selenium	**3.0**	J	6.8	1.0	mg/kg dry	1.00	03/06/09 15:00	TWS	9C04066	6010B
Silver	**0.28**	J	0.84	0.12	mg/kg dry	1.00	03/06/09 15:00	TWS	9C04066	6010B
Sodium	**110**	J	240	52	mg/kg dry	1.00	03/06/09 15:00	TWS	9C04066	6010B
Thallium	**1.6**	J	10	0.51	mg/kg dry	1.00	03/06/09 15:00	TWS	9C04066	6010B
Vanadium	**45**		0.84	0.068	mg/kg dry	1.00	03/06/09 15:00	TWS	9C04066	6010B
Zinc	**120**		3.4	0.68	mg/kg dry	1.00	03/06/09 15:00	TWS	9C04066	6010B
Mercury	**4.8**	D08	0.18	0.072	mg/kg dry	5.00	03/05/09 16:54	DAN	9C05002	7471A

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
Reported: 03/25/09 16:31

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-01RE1 (DRAFT: TP-1-D 0.75-5 - Solid)							**Sampled: 02/26/09 08:45**		**Recvd: 02/27/09 09:15**	
DRAFT: Organochlorine Pesticides by EPA Method 8081A										
4,4'-DDD	ND	QSU	5.7	1.1	ug/kg dry	2.00	03/11/09 14:37	tch	9C05046	8081A
4,4'-DDE	ND	QSU	5.7	1.6	ug/kg dry	2.00	03/11/09 14:37	tch	9C05046	8081A
4,4'-DDT	ND	QSU	5.7	1.3	ug/kg dry	2.00	03/11/09 14:37	tch	9C05046	8081A
Aldrin	**5.5**	QSU,J	5.7	3.6	ug/kg dry	2.00	03/11/09 14:37	tch	9C05046	8081A
alpha-BHC	**1800**	QSU	5.7	3.2	ug/kg dry	2.00	03/11/09 14:37	tch	9C05046	8081A
alpha-Chlordane	**3.4**	QSU,J	5.7	2.8	ug/kg dry	2.00	03/11/09 14:37	tch	9C05046	8081A
beta-BHC	**160**	QSU	5.7	4.1	ug/kg dry	2.00	03/11/09 14:37	tch	9C05046	8081A
Chlordane	ND	QSU	57	23	ug/kg dry	2.00	03/11/09 14:37	tch	9C05046	8081A
delta-BHC	**5.3**	QSU,J, B	5.7	1.4	ug/kg dry	2.00	03/11/09 14:37	tch	9C05046	8081A
Dieldrin	**12**	QSU	5.7	1.4	ug/kg dry	2.00	03/11/09 14:37	tch	9C05046	8081A
Endosulfan I	ND	QSU	5.7	2.2	ug/kg dry	2.00	03/11/09 14:37	tch	9C05046	8081A
Endosulfan II	ND	QSU	5.7	1.0	ug/kg dry	2.00	03/11/09 14:37	tch	9C05046	8081A
Endosulfan sulfate	ND	QSU	5.7	1.1	ug/kg dry	2.00	03/11/09 14:37	tch	9C05046	8081A
Endrin	**6.3**	QSU	5.7	1.8	ug/kg dry	2.00	03/11/09 14:37	tch	9C05046	8081A
Endrin aldehyde	**5.4**	QSU,J	5.7	2.3	ug/kg dry	2.00	03/11/09 14:37	tch	9C05046	8081A
Endrin ketone	ND	QSU	5.7	1.4	ug/kg dry	2.00	03/11/09 14:37	tch	9C05046	8081A
gamma-BHC (Lindane)	ND	QSU	5.7	3.1	ug/kg dry	2.00	03/11/09 14:37	tch	9C05046	8081A
gamma-Chlordane	**10**	QSU	5.7	0.78	ug/kg dry	2.00	03/11/09 14:37	tch	9C05046	8081A
Heptachlor	ND	QSU	5.7	2.8	ug/kg dry	2.00	03/11/09 14:37	tch	9C05046	8081A
Heptachlor epoxide	**3.9**	QSU,J	5.7	1.5	ug/kg dry	2.00	03/11/09 14:37	tch	9C05046	8081A
Methoxychlor	**27**	QSU	5.7	1.5	ug/kg dry	2.00	03/11/09 14:37	tch	9C05046	8081A
Toxaphene	ND	QSU	57	33	ug/kg dry	2.00	03/11/09 14:37	tch	9C05046	8081A
Surr: Decachlorobiphenyl (42-146%)	*129 %*	*QSU*					03/11/09 14:37	tch	9C05046	8081A
Surr: Tetrachloro-m-xylene (37-135%)	*59 %*	*QSU*					03/11/09 14:37	tch	9C05046	8081A

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
Reported: 03/25/09 16:31

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-02 (DRAFT: TP-1-D 5-10 - Solid)						**Sampled: 02/26/09 09:00**			**Recvd: 02/27/09 09:15**	
DRAFT: Polychlorinated Biphenyls by EPA Method 8082										
Aroclor 1016	ND	D02, QSU	230	45	ug/kg dry	10.0	03/04/09 14:26	tch	9C02038	8082
Aroclor 1221	ND	D02, QSU	230	45	ug/kg dry	10.0	03/04/09 14:26	tch	9C02038	8082
Aroclor 1232	ND	D02, QSU	230	45	ug/kg dry	10.0	03/04/09 14:26	tch	9C02038	8082
Aroclor 1242	ND	D02, QSU	230	50	ug/kg dry	10.0	03/04/09 14:26	tch	9C02038	8082
Aroclor 1248	ND	D02, QSU	230	45	ug/kg dry	10.0	03/04/09 14:26	tch	9C02038	8082
Aroclor 1254	ND	D02, QSU	230	49	ug/kg dry	10.0	03/04/09 14:26	tch	9C02038	8082
Aroclor 1260	ND	D02, QSU	230	49	ug/kg dry	10.0	03/04/09 14:26	tch	9C02038	8082
Aroclor 1262	ND	D02, QSU	230	49	ug/kg dry	10.0	03/04/09 14:26	tch	9C02038	8082
Aroclor 1268	ND	D02, QSU	230	49	ug/kg dry	10.0	03/04/09 14:26	tch	9C02038	8082
Polychlorinated biphenyls, Total [9 AR]	ND	D02, QSU	230	140	ug/kg dry	10.0	03/04/09 14:26	tch	9C02038	8082
Total Polychlorinated Biphenyls [7AR]	ND	D02, QSU	230	120	ug/kg dry	10.0	03/04/09 14:26	tch	9C02038	8082
Surr: Decachlorobiphenyl (34-148%)	*	*D02, QSU*					03/04/09 14:26	tch	9C02038	8082
Surr: Tetrachloro-m-xylene (35-134%)	*	*D02, QSU*					03/04/09 14:26	tch	9C02038	8082
DRAFT: Total Metals by SW 846 Series Methods										
Aluminum	**4400**		14	3.7	mg/kg dry	1.00	03/10/09 14:54	AH	9C04066	6010B
Antimony	ND		21	0.77	mg/kg dry	1.00	03/10/09 14:54	AH	9C04066	6010B
Arsenic	**0.90**	J	2.9	0.31	mg/kg dry	1.00	03/10/09 14:54	AH	9C04066	6010B
Barium	**12**		0.71	0.071	mg/kg dry	1.00	03/10/09 14:54	AH	9C04066	6010B
Beryllium	**0.96**		0.29	0.014	mg/kg dry	1.00	03/10/09 14:54	AH	9C04066	6010B
Boron	**8.0**		2.9	0.20	mg/kg dry	1.00	03/10/09 14:54	AH	9C04066	6010B
Cadmium	ND		0.29	0.057	mg/kg dry	1.00	03/10/09 14:54	AH	9C04066	6010B
Calcium	**340000**	D08	360	71	mg/kg dry	5.00	03/09/09 17:55	AH	9C04066	6010B
Chromium	**8.3**		0.71	0.13	mg/kg dry	1.00	03/10/09 14:54	AH	9C04066	6010B
Cobalt	**1.7**		0.71	0.071	mg/kg dry	1.00	03/10/09 14:54	AH	9C04066	6010B
Copper	**9.6**		1.4	0.17	mg/kg dry	1.00	03/10/09 14:54	AH	9C04066	6010B
Iron	**3900**		14	4.3	mg/kg dry	1.00	03/10/09 14:54	AH	9C04066	6010B
Lead	**3.3**		1.4	0.17	mg/kg dry	1.00	03/10/09 14:54	AH	9C04066	6010B
Magnesium	**620**		29	6.0	mg/kg dry	1.00	03/10/09 14:54	AH	9C04066	6010B
Manganese	**47**		0.29	0.14	mg/kg dry	1.00	03/10/09 14:54	AH	9C04066	6010B
Nickel	**15**		0.71	0.11	mg/kg dry	1.00	03/10/09 14:54	AH	9C04066	6010B
Potassium	**300**		43	12	mg/kg dry	1.00	03/10/09 14:54	AH	9C04066	6010B
Selenium	ND		5.7	0.84	mg/kg dry	1.00	03/10/09 14:54	AH	9C04066	6010B
Silver	ND		0.71	0.10	mg/kg dry	1.00	03/10/09 14:54	AH	9C04066	6010B
Sodium	ND		200	44	mg/kg dry	1.00	03/10/09 14:54	AH	9C04066	6010B
Thallium	ND		8.6	0.43	mg/kg dry	1.00	03/10/09 14:54	AH	9C04066	6010B
Vanadium	**44**		0.71	0.057	mg/kg dry	1.00	03/10/09 14:54	AH	9C04066	6010B
Zinc	**9.9**		2.9	0.57	mg/kg dry	1.00	03/10/09 14:54	AH	9C04066	6010B
Mercury	**0.14**		0.027	0.011	mg/kg dry	1.00	03/05/09 16:16	DAN	9C05002	7471A

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
Reported: 03/25/09 16:31

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-02RE1 (DRAFT: TP-1-D 5-10 - Solid)						**Sampled: 02/26/09 09:00**			**Recvd: 02/27/09 09:15**	
DRAFT: Organochlorine Pesticides by EPA Method 8081A										
4,4'-DDD	ND	QSU	2.3	0.45	ug/kg dry	1.00	03/11/09 15:12	tch	9C05046	8081A
4,4'-DDE	**1.4**	QSU,J	2.3	0.67	ug/kg dry	1.00	03/11/09 15:12	tch	9C05046	8081A
4,4'-DDT	ND	QSU	2.3	0.53	ug/kg dry	1.00	03/11/09 15:12	tch	9C05046	8081A
Aldrin	ND	QSU	2.3	1.5	ug/kg dry	1.00	03/11/09 15:12	tch	9C05046	8081A
alpha-BHC	ND	QSU	2.3	1.3	ug/kg dry	1.00	03/11/09 15:12	tch	9C05046	8081A
alpha-Chlordane	ND	QSU	2.3	1.2	ug/kg dry	1.00	03/11/09 15:12	tch	9C05046	8081A
beta-BHC	**8.5**	QSU	2.3	1.7	ug/kg dry	1.00	03/11/09 15:12	tch	9C05046	8081A
Chlordane	ND	QSU	23	9.5	ug/kg dry	1.00	03/11/09 15:12	tch	9C05046	8081A
delta-BHC	**0.87**	QSU,J, B	2.3	0.56	ug/kg dry	1.00	03/11/09 15:12	tch	9C05046	8081A
Dieldrin	ND	QSU	2.3	0.56	ug/kg dry	1.00	03/11/09 15:12	tch	9C05046	8081A
Endosulfan I	ND	QSU	2.3	0.90	ug/kg dry	1.00	03/11/09 15:12	tch	9C05046	8081A
Endosulfan II	**0.60**	QSU,J	2.3	0.42	ug/kg dry	1.00	03/11/09 15:12	tch	9C05046	8081A
Endosulfan sulfate	ND	QSU	2.3	0.43	ug/kg dry	1.00	03/11/09 15:12	tch	9C05046	8081A
Endrin	**1.0**	QSU,J	2.3	0.75	ug/kg dry	1.00	03/11/09 15:12	tch	9C05046	8081A
Endrin aldehyde	ND	QSU	2.3	0.95	ug/kg dry	1.00	03/11/09 15:12	tch	9C05046	8081A
Endrin ketone	**0.80**	QSU,J	2.3	0.57	ug/kg dry	1.00	03/11/09 15:12	tch	9C05046	8081A
gamma-BHC (Lindane)	ND	QSU	2.3	1.3	ug/kg dry	1.00	03/11/09 15:12	tch	9C05046	8081A
gamma-Chlordane	**2.3**	QSU,J	2.3	0.32	ug/kg dry	1.00	03/11/09 15:12	tch	9C05046	8081A
Heptachlor	ND	QSU	2.3	1.2	ug/kg dry	1.00	03/11/09 15:12	tch	9C05046	8081A
Heptachlor epoxide	ND	QSU	2.3	0.60	ug/kg dry	1.00	03/11/09 15:12	tch	9C05046	8081A
Methoxychlor	**3.2**	QSU	2.3	0.62	ug/kg dry	1.00	03/11/09 15:12	tch	9C05046	8081A
Toxaphene	ND	QSU	23	14	ug/kg dry	1.00	03/11/09 15:12	tch	9C05046	8081A
Surr: Decachlorobiphenyl (42-146%)	*123 %*	*QSU*					03/11/09 15:12	tch	9C05046	8081A
Surr: Tetrachloro-m-xylene (37-135%)	*60 %*	*QSU*					03/11/09 15:12	tch	9C05046	8081A

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
Reported: 03/25/09 16:31

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-04 (DRAFT: TP-2-D 5-5.5 - Solid)						**Sampled: 02/26/09 09:45**			**Recvd: 02/27/09 09:15**	
DRAFT: Polychlorinated Biphenyls by EPA Method 8082										
Aroclor 1016	ND	D08, QSU	210	42	ug/kg dry	10.0	03/05/09 16:38	tch	9C02038	8082
Aroclor 1221	ND	D08, QSU	210	42	ug/kg dry	10.0	03/05/09 16:38	tch	9C02038	8082
Aroclor 1232	ND	D08, QSU	210	42	ug/kg dry	10.0	03/05/09 16:38	tch	9C02038	8082
Aroclor 1242	ND	D08, QSU	210	47	ug/kg dry	10.0	03/05/09 16:38	tch	9C02038	8082
Aroclor 1248	ND	D08, QSU	210	42	ug/kg dry	10.0	03/05/09 16:38	tch	9C02038	8082
Aroclor 1254	**130**	D08, QSU,J	210	45	ug/kg dry	10.0	03/05/09 16:38	tch	9C02038	8082
Aroclor 1260	ND	D08, QSU	210	45	ug/kg dry	10.0	03/05/09 16:38	tch	9C02038	8082
Aroclor 1262	ND	D08, QSU	210	45	ug/kg dry	10.0	03/05/09 16:38	tch	9C02038	8082
Aroclor 1268	ND	D08, QSU	210	45	ug/kg dry	10.0	03/05/09 16:38	tch	9C02038	8082
Polychlorinated biphenyls, Total [9 AR]	ND	D08, QSU	210	130	ug/kg dry	10.0	03/05/09 16:38	tch	9C02038	8082
Total Polychlorinated Biphenyls-[7AR]	**130**	D08, QSU,J	210	110	ug/kg dry	10.0	03/05/09 16:38	tch	9C02038	8082
Surr: Decachlorobiphenyl (34-148%)	*224 %*	*D08, QSU*					03/05/09 16:38	tch	9C02038	8082
Surr: Tetrachloro-m-xylene (35-134%)	*124 %*	*D08, QSU*					03/05/09 16:38	tch	9C02038	8082
DRAFT: Total Metals by SW 846 Series Methods										
Aluminum	**8100**		13	3.4	mg/kg dry	1.00	03/06/09 15:52	TWS	9C04066	6010B
Antimony	**2.0**	J	20	0.71	mg/kg dry	1.00	03/06/09 15:52	TWS	9C04066	6010B
Arsenic	**24**		2.6	0.29	mg/kg dry	1.00	03/06/09 15:52	TWS	9C04066	6010B
Barium	**110**		0.65	0.065	mg/kg dry	1.00	03/06/09 15:52	TWS	9C04066	6010B
Beryllium	**0.63**		0.26	0.013	mg/kg dry	1.00	03/06/09 15:52	TWS	9C04066	6010B
Boron	**6.8**		2.6	0.18	mg/kg dry	1.00	03/06/09 15:52	TWS	9C04066	6010B
Cadmium	**1.3**		0.26	0.052	mg/kg dry	1.00	03/06/09 15:52	TWS	9C04066	6010B
Calcium	**29000**		65	13	mg/kg dry	1.00	03/06/09 15:52	TWS	9C04066	6010B
Chromium	**69**		0.65	0.12	mg/kg dry	1.00	03/06/09 15:52	TWS	9C04066	6010B
Cobalt	**7.1**		0.65	0.065	mg/kg dry	1.00	03/06/09 15:52	TWS	9C04066	6010B
Copper	**310**		1.3	0.16	mg/kg dry	1.00	03/06/09 15:52	TWS	9C04066	6010B
Iron	**79000**		13	3.9	mg/kg dry	1.00	03/06/09 15:52	TWS	9C04066	6010B
Lead	**3000**		1.3	0.16	mg/kg dry	1.00	03/06/09 15:52	TWS	9C04066	6010B
Magnesium	**3200**		26	5.5	mg/kg dry	1.00	03/06/09 15:52	TWS	9C04066	6010B
Manganese	**640**		0.26	0.13	mg/kg dry	1.00	03/06/09 15:52	TWS	9C04066	6010B
Nickel	**43**		0.65	0.10	mg/kg dry	1.00	03/06/09 15:52	TWS	9C04066	6010B
Potassium	**1300**		39	11	mg/kg dry	1.00	03/06/09 15:52	TWS	9C04066	6010B
Selenium	**2.4**	J	5.2	0.77	mg/kg dry	1.00	03/06/09 15:52	TWS	9C04066	6010B
Silver	**0.29**	J	0.65	0.091	mg/kg dry	1.00	03/06/09 15:52	TWS	9C04066	6010B
Sodium	**150**	J	180	41	mg/kg dry	1.00	03/06/09 15:52	TWS	9C04066	6010B
Thallium	**1.4**	J	7.8	0.39	mg/kg dry	1.00	03/06/09 15:52	TWS	9C04066	6010B
Vanadium	**25**		0.65	0.052	mg/kg dry	1.00	03/06/09 15:52	TWS	9C04066	6010B
Zinc	**510**		2.6	0.52	mg/kg dry	1.00	03/06/09 15:52	TWS	9C04066	6010B
Mercury	**4.2**	D08	0.26	0.11	mg/kg dry	10.0	03/05/09 16:57	DAN	9C05002	7471A

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
Reported: 03/25/09 16:31

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-04RE1 (DRAFT: TP-2-D 5-5.5 - Solid)							**Sampled: 02/26/09 09:45**		**Recvd: 02/27/09 09:15**	
DRAFT: Organochlorine Pesticides by EPA Method 8081A										
4,4'-DDD	ND	QSU	21	4.1	ug/kg dry	10.0	03/11/09 15:48	tch	9C05046	8081A
4,4'-DDE	ND	QSU	21	6.1	ug/kg dry	10.0	03/11/09 15:48	tch	9C05046	8081A
4,4'-DDT	**38**	QSU	21	4.9	ug/kg dry	10.0	03/11/09 15:48	tch	9C05046	8081A
Aldrin	ND	QSU	21	13	ug/kg dry	10.0	03/11/09 15:48	tch	9C05046	8081A
alpha-BHC	**17**	QSU,J	21	12	ug/kg dry	10.0	03/11/09 15:48	tch	9C05046	8081A
alpha-Chlordane	ND	QSU	21	11	ug/kg dry	10.0	03/11/09 15:48	tch	9C05046	8081A
beta-BHC	**39**	QSU	21	15	ug/kg dry	10.0	03/11/09 15:48	tch	9C05046	8081A
Chlordane	ND	QSU	210	87	ug/kg dry	10.0	03/11/09 15:48	tch	9C05046	8081A
delta-BHC	ND	QSU	21	5.1	ug/kg dry	10.0	03/11/09 15:48	tch	9C05046	8081A
Dieldrin	**11**	QSU,J	21	5.1	ug/kg dry	10.0	03/11/09 15:48	tch	9C05046	8081A
Endosulfan I	ND	QSU	21	8.2	ug/kg dry	10.0	03/11/09 15:48	tch	9C05046	8081A
Endosulfan II	**6.7**	QSU,J	21	3.8	ug/kg dry	10.0	03/11/09 15:48	tch	9C05046	8081A
Endosulfan sulfate	ND	QSU	21	4.0	ug/kg dry	10.0	03/11/09 15:48	tch	9C05046	8081A
Endrin	**17**	QSU,J	21	6.9	ug/kg dry	10.0	03/11/09 15:48	tch	9C05046	8081A
Endrin aldehyde	ND	QSU	21	8.7	ug/kg dry	10.0	03/11/09 15:48	tch	9C05046	8081A
Endrin ketone	**7.3**	QSU,J	21	5.2	ug/kg dry	10.0	03/11/09 15:48	tch	9C05046	8081A
gamma-BHC (Lindane)	ND	QSU	21	12	ug/kg dry	10.0	03/11/09 15:48	tch	9C05046	8081A
gamma-Chlordane	**6.5**	QSU,J	21	2.9	ug/kg dry	10.0	03/11/09 15:48	tch	9C05046	8081A
Heptachlor	ND	QSU	21	11	ug/kg dry	10.0	03/11/09 15:48	tch	9C05046	8081A
Heptachlor epoxide	**30**	QSU	21	5.5	ug/kg dry	10.0	03/11/09 15:48	tch	9C05046	8081A
Methoxychlor	**11**	QSU,J	21	5.7	ug/kg dry	10.0	03/11/09 15:48	tch	9C05046	8081A
Toxaphene	ND	QSU	210	120	ug/kg dry	10.0	03/11/09 15:48	tch	9C05046	8081A
Surr: Decachlorobiphenyl (42-146%)	*100 %*	*QSU*					03/11/09 15:48	tch	9C05046	8081A
Surr: Tetrachloro-m-xylene (37-135%)	*69 %*	*QSU*					03/11/09 15:48	tch	9C05046	8081A

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
Reported: 03/25/09 16:31

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-05 (DRAFT: TP-3-D 1-8 - Solid)						**Sampled:**	**02/26/09 10:45**		**Recvd: 02/27/09 09:15**	
DRAFT: Polychlorinated Biphenyls by EPA Method 8082										
Aroclor 1016	ND	D02, QSU	2300	460	ug/kg dry	100	03/03/09 21:24	tch	9C02038	8082
Aroclor 1221	ND	D02, QSU	2300	460	ug/kg dry	100	03/03/09 21:24	tch	9C02038	8082
Aroclor 1232	ND	D02, QSU	2300	460	ug/kg dry	100	03/03/09 21:24	tch	9C02038	8082
Aroclor 1242	ND	D02, QSU	2300	510	ug/kg dry	100	03/03/09 21:24	tch	9C02038	8082
Aroclor 1248	ND	D02, QSU	2300	460	ug/kg dry	100	03/03/09 21:24	tch	9C02038	8082
Aroclor 1254	ND	D02, QSU	2300	490	ug/kg dry	100	03/03/09 21:24	tch	9C02038	8082
Aroclor 1260	ND	D02, QSU	2300	490	ug/kg dry	100	03/03/09 21:24	tch	9C02038	8082
Aroclor 1262	ND	D02, QSU	2300	490	ug/kg dry	100	03/03/09 21:24	tch	9C02038	8082
Aroclor 1268	ND	D02, QSU	2300	490	ug/kg dry	100	03/03/09 21:24	tch	9C02038	8082
Polychlorinated biphenyls, Total [9 AR]	ND	D02, QSU	2300	1400	ug/kg dry	100	03/03/09 21:24	tch	9C02038	8082
Total Polychlorinated Biphenyls [7AR]	ND	D02, QSU	2300	1200	ug/kg dry	100	03/03/09 21:24	tch	9C02038	8082
Surr: Decachlorobiphenyl (34-148%)	*	*D02, QSU*					03/03/09 21:24	tch	9C02038	8082
Surr: Tetrachloro-m-xylene (35-134%)	*	*D02, QSU*					03/03/09 21:24	tch	9C02038	8082
DRAFT: Total Metals by SW 846 Series Methods										
Aluminum	**14000**		15	3.8	mg/kg dry	1.00	03/06/09 15:57	TWS	9C04066	6010B
Antimony	ND		22	0.79	mg/kg dry	1.00	03/06/09 15:57	TWS	9C04066	6010B
Arsenic	**14**		2.9	0.32	mg/kg dry	1.00	03/06/09 15:57	TWS	9C04066	6010B
Barium	**140**		0.73	0.073	mg/kg dry	1.00	03/06/09 15:57	TWS	9C04066	6010B
Beryllium	**1.8**		0.29	0.015	mg/kg dry	1.00	03/06/09 15:57	TWS	9C04066	6010B
Boron	**52**		2.9	0.20	mg/kg dry	1.00	03/06/09 15:57	TWS	9C04066	6010B
Cadmium	**2.1**		0.29	0.059	mg/kg dry	1.00	03/06/09 15:57	TWS	9C04066	6010B
Calcium	**62000**		73	15	mg/kg dry	1.00	03/06/09 15:57	TWS	9C04066	6010B
Chromium	**34**		0.73	0.13	mg/kg dry	1.00	03/06/09 15:57	TWS	9C04066	6010B
Cobalt	**5.7**		0.73	0.073	mg/kg dry	1.00	03/06/09 15:57	TWS	9C04066	6010B
Copper	**90**		1.5	0.18	mg/kg dry	1.00	03/06/09 15:57	TWS	9C04066	6010B
Iron	**98000**		15	4.4	mg/kg dry	1.00	03/06/09 15:57	TWS	9C04066	6010B
Lead	**180**		1.5	0.18	mg/kg dry	1.00	03/06/09 15:57	TWS	9C04066	6010B
Magnesium	**14000**		29	6.1	mg/kg dry	1.00	03/06/09 15:57	TWS	9C04066	6010B
Manganese	**4000**	D08	1.5	0.73	mg/kg dry	5.00	03/09/09 18:00	AH	9C04066	6010B
Nickel	**24**		0.73	0.12	mg/kg dry	1.00	03/06/09 15:57	TWS	9C04066	6010B
Potassium	**1800**		44	12	mg/kg dry	1.00	03/06/09 15:57	TWS	9C04066	6010B
Selenium	**2.1**	J	5.9	0.86	mg/kg dry	1.00	03/06/09 15:57	TWS	9C04066	6010B
Silver	**0.39**	J	0.73	0.10	mg/kg dry	1.00	03/06/09 15:57	TWS	9C04066	6010B
Sodium	**420**		200	45	mg/kg dry	1.00	03/06/09 15:57	TWS	9C04066	6010B
Thallium	**1.9**	J	8.8	0.44	mg/kg dry	1.00	03/06/09 15:57	TWS	9C04066	6010B
Vanadium	**24**		0.73	0.059	mg/kg dry	1.00	03/06/09 15:57	TWS	9C04066	6010B
Zinc	**480**		2.9	0.59	mg/kg dry	1.00	03/06/09 15:57	TWS	9C04066	6010B
Mercury	**0.30**		0.030	0.012	mg/kg dry	1.00	03/05/09 16:20	DAN	9C05002	7471A

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
Reported: 03/25/09 16:31

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-05RE1 (DRAFT: TP-3-D 1-8 - Solid)						**Sampled: 02/26/09 10:45**			**Recvd: 02/27/09 09:15**	
DRAFT: Organochlorine Pesticides by EPA Method 8081A										
4,4'-DDD	ND	QSU	23	4.5	ug/kg dry	10.0	03/11/09 16:24	tch	9C05046	8081A
4,4'-DDE	**9.2**	QSU,J	23	6.7	ug/kg dry	10.0	03/11/09 16:24	tch	9C05046	8081A
4,4'-DDT	**22**	QSU,J	23	5.3	ug/kg dry	10.0	03/11/09 16:24	tch	9C05046	8081A
Aldrin	ND	QSU	23	15	ug/kg dry	10.0	03/11/09 16:24	tch	9C05046	8081A
alpha-BHC	**15**	QSU,J	23	13	ug/kg dry	10.0	03/11/09 16:24	tch	9C05046	8081A
alpha-Chlordane	ND	QSU	23	12	ug/kg dry	10.0	03/11/09 16:24	tch	9C05046	8081A
beta-BHC	**42**	QSU	23	17	ug/kg dry	10.0	03/11/09 16:24	tch	9C05046	8081A
Chlordane	ND	QSU	230	95	ug/kg dry	10.0	03/11/09 16:24	tch	9C05046	8081A
delta-BHC	**9.1**	QSU,J, B	23	5.6	ug/kg dry	10.0	03/11/09 16:24	tch	9C05046	8081A
Dieldrin	ND	QSU	23	5.6	ug/kg dry	10.0	03/11/09 16:24	tch	9C05046	8081A
Endosulfan I	ND	QSU	23	9.0	ug/kg dry	10.0	03/11/09 16:24	tch	9C05046	8081A
Endosulfan II	ND	QSU	23	4.2	ug/kg dry	10.0	03/11/09 16:24	tch	9C05046	8081A
Endosulfan sulfate	ND	QSU	23	4.3	ug/kg dry	10.0	03/11/09 16:24	tch	9C05046	8081A
Endrin	**11**	QSU,J	23	7.5	ug/kg dry	10.0	03/11/09 16:24	tch	9C05046	8081A
Endrin aldehyde	ND	QSU	23	9.5	ug/kg dry	10.0	03/11/09 16:24	tch	9C05046	8081A
Endrin ketone	**6.3**	QSU,J	23	5.7	ug/kg dry	10.0	03/11/09 16:24	tch	9C05046	8081A
gamma-BHC (Lindane)	ND	QSU	23	13	ug/kg dry	10.0	03/11/09 16:24	tch	9C05046	8081A
gamma-Chlordane	ND	QSU	23	3.2	ug/kg dry	10.0	03/11/09 16:24	tch	9C05046	8081A
Heptachlor	ND	QSU	23	12	ug/kg dry	10.0	03/11/09 16:24	tch	9C05046	8081A
Heptachlor epoxide	ND	QSU	23	6.0	ug/kg dry	10.0	03/11/09 16:24	tch	9C05046	8081A
Methoxychlor	**17**	QSU,J	23	6.2	ug/kg dry	10.0	03/11/09 16:24	tch	9C05046	8081A
Toxaphene	ND	QSU	230	140	ug/kg dry	10.0	03/11/09 16:24	tch	9C05046	8081A
Surr: Decachlorobiphenyl (42-146%)	*92 %*	*QSU*					03/11/09 16:24	tch	9C05046	8081A
Surr: Tetrachloro-m-xylene (37-135%)	*83 %*	*QSU*					03/11/09 16:24	tch	9C05046	8081A

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
Reported: 03/25/09 16:31

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-08 (DRAFT: TP-6-D .75-1.5 - Solid)						**Sampled: 02/26/09 13:00**			**Recvd: 02/27/09 09:15**	
DRAFT: Polychlorinated Biphenyls by EPA Method 8082										
Aroclor 1016	ND	D08, QSU	270	54	ug/kg dry	10.0	03/03/09 21:39	tch	9C02038	8082
Aroclor 1221	ND	D08, QSU	270	54	ug/kg dry	10.0	03/03/09 21:39	tch	9C02038	8082
Aroclor 1232	ND	D08, QSU	270	54	ug/kg dry	10.0	03/03/09 21:39	tch	9C02038	8082
Aroclor 1242	ND	D08, QSU	270	60	ug/kg dry	10.0	03/03/09 21:39	tch	9C02038	8082
Aroclor 1248	ND	D08, QSU	270	54	ug/kg dry	10.0	03/03/09 21:39	tch	9C02038	8082
Aroclor 1254	**260**	D08, QSU,J	270	58	ug/kg dry	10.0	03/03/09 21:39	tch	9C02038	8082
Aroclor 1260	ND	D08, QSU	270	58	ug/kg dry	10.0	03/03/09 21:39	tch	9C02038	8082
Aroclor 1262	ND	D08, QSU	270	58	ug/kg dry	10.0	03/03/09 21:39	tch	9C02038	8082
Aroclor 1268	ND	D08, QSU	270	58	ug/kg dry	10.0	03/03/09 21:39	tch	9C02038	8082
Polychlorinated biphenyls, Total [9 AR]	**260**	D08, QSU,J	270	160	ug/kg dry	10.0	03/03/09 21:39	tch	9C02038	8082
Total Polychlorinated Biphenyls-[7AR]	**260**	D08, QSU,J	270	140	ug/kg dry	10.0	03/03/09 21:39	tch	9C02038	8082
Surr: Decachlorobiphenyl (34-148%)	*	*D08, QSU*					03/03/09 21:39	tch	9C02038	8082
Surr: Tetrachloro-m-xylene (35-134%)	*	*D08, QSU*					03/03/09 21:39	tch	9C02038	8082
DRAFT: Total Metals by SW 846 Series Methods										
Aluminum	**7900**		17	4.3	mg/kg dry	1.00	03/06/09 16:02	TWS	9C04066	6010B
Antimony	**4.6**	J	25	0.89	mg/kg dry	1.00	03/06/09 16:02	TWS	9C04066	6010B
Arsenic	**25**		3.3	0.36	mg/kg dry	1.00	03/06/09 16:02	TWS	9C04066	6010B
Barium	**190**		0.83	0.083	mg/kg dry	1.00	03/06/09 16:02	TWS	9C04066	6010B
Beryllium	**1.5**		0.33	0.017	mg/kg dry	1.00	03/06/09 16:02	TWS	9C04066	6010B
Boron	**13**		3.3	0.23	mg/kg dry	1.00	03/06/09 16:02	TWS	9C04066	6010B
Cadmium	**0.26**	J	0.33	0.066	mg/kg dry	1.00	03/06/09 16:02	TWS	9C04066	6010B
Calcium	**59000**		83	17	mg/kg dry	1.00	03/06/09 16:02	TWS	9C04066	6010B
Chromium	**24**		0.83	0.15	mg/kg dry	1.00	03/06/09 16:02	TWS	9C04066	6010B
Cobalt	**2.1**		0.83	0.083	mg/kg dry	1.00	03/06/09 16:02	TWS	9C04066	6010B
Copper	**63**		1.7	0.20	mg/kg dry	1.00	03/06/09 16:02	TWS	9C04066	6010B
Iron	**33000**		17	5.0	mg/kg dry	1.00	03/06/09 16:02	TWS	9C04066	6010B
Lead	**150**		1.7	0.20	mg/kg dry	1.00	03/06/09 16:02	TWS	9C04066	6010B
Magnesium	**8400**		33	6.9	mg/kg dry	1.00	03/06/09 16:02	TWS	9C04066	6010B
Manganese	**600**		0.33	0.17	mg/kg dry	1.00	03/06/09 16:02	TWS	9C04066	6010B
Nickel	**19**		0.83	0.13	mg/kg dry	1.00	03/06/09 16:02	TWS	9C04066	6010B
Potassium	**780**		50	14	mg/kg dry	1.00	03/06/09 16:02	TWS	9C04066	6010B
Selenium	**1.3**	J	6.6	0.97	mg/kg dry	1.00	03/06/09 16:02	TWS	9C04066	6010B
Silver	**0.47**	J	0.83	0.12	mg/kg dry	1.00	03/06/09 16:02	TWS	9C04066	6010B
Sodium	**540**		230	51	mg/kg dry	1.00	03/06/09 16:02	TWS	9C04066	6010B
Thallium	ND		9.9	0.50	mg/kg dry	1.00	03/06/09 16:02	TWS	9C04066	6010B
Vanadium	**13**		0.83	0.066	mg/kg dry	1.00	03/06/09 16:02	TWS	9C04066	6010B
Zinc	**30**		3.3	0.66	mg/kg dry	1.00	03/06/09 16:02	TWS	9C04066	6010B
Mercury	**1.3**		0.033	0.013	mg/kg dry	1.00	03/05/09 16:22	DAN	9C05002	7471A

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
Reported: 03/25/09 16:31

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-08RE1 (DRAFT: TP-6-D .75-1.5 - Solid)						**Sampled:**	**02/26/09 13:00**		**Recvd: 02/27/09 09:15**	
DRAFT: Organochlorine Pesticides by EPA Method 8081A										
4,4'-DDD	ND	QSU	140	27	ug/kg dry	50.0	03/11/09 17:00	tch	9C05046	8081A
4,4'-DDE	**87**	QSU,J	140	40	ug/kg dry	50.0	03/11/09 17:00	tch	9C05046	8081A
4,4'-DDT	**210**	QSU	140	32	ug/kg dry	50.0	03/11/09 17:00	tch	9C05046	8081A
Aldrin	ND	QSU	140	87	ug/kg dry	50.0	03/11/09 17:00	tch	9C05046	8081A
alpha-BHC	**5800**	QSU	140	79	ug/kg dry	50.0	03/11/09 17:00	tch	9C05046	8081A
alpha-Chlordane	ND	QSU	140	69	ug/kg dry	50.0	03/11/09 17:00	tch	9C05046	8081A
beta-BHC	**600**	QSU	140	100	ug/kg dry	50.0	03/11/09 17:00	tch	9C05046	8081A
Chlordane	ND	QSU	1400	570	ug/kg dry	50.0	03/11/09 17:00	tch	9C05046	8081A
delta-BHC	ND	QSU	140	33	ug/kg dry	50.0	03/11/09 17:00	tch	9C05046	8081A
Dieldrin	ND	QSU	140	33	ug/kg dry	50.0	03/11/09 17:00	tch	9C05046	8081A
Endosulfan I	ND	QSU	140	53	ug/kg dry	50.0	03/11/09 17:00	tch	9C05046	8081A
Endosulfan II	**46**	QSU,J	140	25	ug/kg dry	50.0	03/11/09 17:00	tch	9C05046	8081A
Endosulfan sulfate	ND	QSU	140	26	ug/kg dry	50.0	03/11/09 17:00	tch	9C05046	8081A
Endrin	ND	QSU	140	45	ug/kg dry	50.0	03/11/09 17:00	tch	9C05046	8081A
Endrin aldehyde	ND	QSU	140	56	ug/kg dry	50.0	03/11/09 17:00	tch	9C05046	8081A
Endrin ketone	**86**	QSU,J	140	34	ug/kg dry	50.0	03/11/09 17:00	tch	9C05046	8081A
gamma-BHC (Lindane)	ND	QSU	140	76	ug/kg dry	50.0	03/11/09 17:00	tch	9C05046	8081A
gamma-Chlordane	ND	QSU	140	19	ug/kg dry	50.0	03/11/09 17:00	tch	9C05046	8081A
Heptachlor	ND	QSU	140	69	ug/kg dry	50.0	03/11/09 17:00	tch	9C05046	8081A
Heptachlor epoxide	ND	QSU	140	36	ug/kg dry	50.0	03/11/09 17:00	tch	9C05046	8081A
Methoxychlor	**120**	QSU,J	140	37	ug/kg dry	50.0	03/11/09 17:00	tch	9C05046	8081A
Toxaphene	ND	QSU	1400	800	ug/kg dry	50.0	03/11/09 17:00	tch	9C05046	8081A
Surr: Decachlorobiphenyl (42-146%)	*	*QSU,Z3*					03/11/09 17:00	tch	9C05046	8081A
Surr: Tetrachloro-m-xylene (37-135%)	*	*QSU,Z3*					03/11/09 17:00	tch	9C05046	8081A

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
Reported: 03/25/09 16:31

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-09 (DRAFT: TP-7-D 1-1.25 - Solid)						**Sampled: 02/26/09 13:30**			**Recvd: 02/27/09 09:15**	
DRAFT: Polychlorinated Biphenyls by EPA Method 8082										
Aroclor 1016	ND	D08, QSU	230	45	ug/kg dry	10.0	03/03/09 21:53	tch	9C02038	8082
Aroclor 1221	ND	D08, QSU	230	45	ug/kg dry	10.0	03/03/09 21:53	tch	9C02038	8082
Aroclor 1232	ND	D08, QSU	230	45	ug/kg dry	10.0	03/03/09 21:53	tch	9C02038	8082
Aroclor 1242	ND	D08, QSU	230	50	ug/kg dry	10.0	03/03/09 21:53	tch	9C02038	8082
Aroclor 1248	ND	D08, QSU	230	45	ug/kg dry	10.0	03/03/09 21:53	tch	9C02038	8082
Aroclor 1254	**200**	D08, QSU,J	230	48	ug/kg dry	10.0	03/03/09 21:53	tch	9C02038	8082
Aroclor 1260	ND	D08, QSU	230	48	ug/kg dry	10.0	03/03/09 21:53	tch	9C02038	8082
Aroclor 1262	ND	D08, QSU	230	48	ug/kg dry	10.0	03/03/09 21:53	tch	9C02038	8082
Aroclor 1268	ND	D08, QSU	230	48	ug/kg dry	10.0	03/03/09 21:53	tch	9C02038	8082
Polychlorinated biphenyls, Total [9 AR]	**200**	D08, QSU,J	230	130	ug/kg dry	10.0	03/03/09 21:53	tch	9C02038	8082
Total Polychlorinated Biphenyls-[7AR]	**200**	D08, QSU,J	230	120	ug/kg dry	10.0	03/03/09 21:53	tch	9C02038	8082
Surr: Decachlorobiphenyl (34-148%)	*	*D08, QSU*					03/03/09 21:53	tch	9C02038	8082
Surr: Tetrachloro-m-xylene (35-134%)	*	*D08, QSU*					03/03/09 21:53	tch	9C02038	8082
DRAFT: Total Metals by SW 846 Series Methods										
Aluminum	**51**		13	3.5	mg/kg dry	1.00	03/06/09 16:07	TWS	9C04066	6010B
Antimony	**7.9**	J	20	0.72	mg/kg dry	1.00	03/06/09 16:07	TWS	9C04066	6010B
Arsenic	**8.4**		2.7	0.29	mg/kg dry	1.00	03/06/09 16:07	TWS	9C04066	6010B
Barium	**100**		0.67	0.067	mg/kg dry	1.00	03/06/09 16:07	TWS	9C04066	6010B
Beryllium	ND		0.27	0.013	mg/kg dry	1.00	03/06/09 16:07	TWS	9C04066	6010B
Boron	**0.29**	J	2.7	0.19	mg/kg dry	1.00	03/06/09 16:07	TWS	9C04066	6010B
Cadmium	**0.13**	J	0.27	0.053	mg/kg dry	1.00	03/06/09 16:07	TWS	9C04066	6010B
Calcium	**26000**		67	13	mg/kg dry	1.00	03/06/09 16:07	TWS	9C04066	6010B
Chromium	**10**		0.67	0.12	mg/kg dry	1.00	03/06/09 16:07	TWS	9C04066	6010B
Cobalt	**1.1**		0.67	0.067	mg/kg dry	1.00	03/06/09 16:07	TWS	9C04066	6010B
Copper	**61**		1.3	0.16	mg/kg dry	1.00	03/06/09 16:07	TWS	9C04066	6010B
Iron	**9600**		13	4.0	mg/kg dry	1.00	03/06/09 16:07	TWS	9C04066	6010B
Lead	**92**		1.3	0.16	mg/kg dry	1.00	03/06/09 16:07	TWS	9C04066	6010B
Magnesium	**49**		27	5.6	mg/kg dry	1.00	03/06/09 16:07	TWS	9C04066	6010B
Manganese	**150**		0.27	0.13	mg/kg dry	1.00	03/06/09 16:07	TWS	9C04066	6010B
Nickel	**12**		0.67	0.11	mg/kg dry	1.00	03/06/09 16:07	TWS	9C04066	6010B
Potassium	**280**		40	11	mg/kg dry	1.00	03/06/09 16:07	TWS	9C04066	6010B
Selenium	ND		5.3	0.79	mg/kg dry	1.00	03/06/09 16:07	TWS	9C04066	6010B
Silver	**0.51**	J	0.67	0.093	mg/kg dry	1.00	03/06/09 16:07	TWS	9C04066	6010B
Sodium	**290**		190	41	mg/kg dry	1.00	03/06/09 16:07	TWS	9C04066	6010B
Thallium	**0.53**	J	8.0	0.40	mg/kg dry	1.00	03/06/09 16:07	TWS	9C04066	6010B
Vanadium	**2.7**		0.67	0.053	mg/kg dry	1.00	03/06/09 16:07	TWS	9C04066	6010B
Zinc	**19**		2.7	0.53	mg/kg dry	1.00	03/06/09 16:07	TWS	9C04066	6010B
Mercury	**3.1**	D08	0.28	0.11	mg/kg dry	10.0	03/05/09 16:59	DAN	9C05002	7471A

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
Reported: 03/25/09 16:31

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-09RE1 (DRAFT: TP-7-D 1-1.25 - Solid)							**Sampled: 02/26/09 13:30**		**Recvd: 02/27/09 09:15**	
DRAFT: Organochlorine Pesticides by EPA Method 8081A										
4,4'-DDD	ND	QSU	230	44	ug/kg dry	100	03/11/09 17:36	tch	9C05046	8081A
4,4'-DDE	**130**	QSU,J	230	66	ug/kg dry	100	03/11/09 17:36	tch	9C05046	8081A
4,4'-DDT	**510**	QSU	230	52	ug/kg dry	100	03/11/09 17:36	tch	9C05046	8081A
Aldrin	ND	QSU	230	140	ug/kg dry	100	03/11/09 17:36	tch	9C05046	8081A
alpha-BHC	**3700**	QSU	230	130	ug/kg dry	100	03/11/09 17:36	tch	9C05046	8081A
alpha-Chlordane	ND	QSU	230	110	ug/kg dry	100	03/11/09 17:36	tch	9C05046	8081A
beta-BHC	**1400**	QSU	230	170	ug/kg dry	100	03/11/09 17:36	tch	9C05046	8081A
Chlordane	ND	QSU	2300	940	ug/kg dry	100	03/11/09 17:36	tch	9C05046	8081A
delta-BHC	ND	QSU	230	55	ug/kg dry	100	03/11/09 17:36	tch	9C05046	8081A
Dieldrin	ND	QSU	230	55	ug/kg dry	100	03/11/09 17:36	tch	9C05046	8081A
Endosulfan I	ND	QSU	230	88	ug/kg dry	100	03/11/09 17:36	tch	9C05046	8081A
Endosulfan II	**140**	QSU,J	230	41	ug/kg dry	100	03/11/09 17:36	tch	9C05046	8081A
Endosulfan sulfate	ND	QSU	230	43	ug/kg dry	100	03/11/09 17:36	tch	9C05046	8081A
Endrin	**570**	QSU	230	74	ug/kg dry	100	03/11/09 17:36	tch	9C05046	8081A
Endrin aldehyde	ND	QSU	230	93	ug/kg dry	100	03/11/09 17:36	tch	9C05046	8081A
Endrin ketone	**180**	QSU,J	230	56	ug/kg dry	100	03/11/09 17:36	tch	9C05046	8081A
gamma-BHC (Lindane)	ND	QSU	230	130	ug/kg dry	100	03/11/09 17:36	tch	9C05046	8081A
gamma-Chlordane	ND	QSU	230	31	ug/kg dry	100	03/11/09 17:36	tch	9C05046	8081A
Heptachlor	ND	QSU	230	110	ug/kg dry	100	03/11/09 17:36	tch	9C05046	8081A
Heptachlor epoxide	ND	QSU	230	59	ug/kg dry	100	03/11/09 17:36	tch	9C05046	8081A
Methoxychlor	**700**	QSU	230	61	ug/kg dry	100	03/11/09 17:36	tch	9C05046	8081A
Toxaphene	ND	QSU	2300	1300	ug/kg dry	100	03/11/09 17:36	tch	9C05046	8081A
Surr: Decachlorobiphenyl (42-146%)	*	*QSU,Z3*					03/11/09 17:36	tch	9C05046	8081A
Surr: Tetrachloro-m-xylene (37-135%)	*	*QSU,Z3*					03/11/09 17:36	tch	9C05046	8081A

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
Reported: 03/25/09 16:31

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-10 (DRAFT: TP-7-D 1.25-5.5 - Solid)							**Sampled: 02/26/09 13:45**		**Recvd: 02/27/09 09:15**	
DRAFT: Polychlorinated Biphenyls by EPA Method 8082										
Aroclor 1016	ND	D08, QSU	280	54	ug/kg dry	10.0	03/03/09 22:08	tch	9C02038	8082
Aroclor 1221	ND	D08, QSU	280	54	ug/kg dry	10.0	03/03/09 22:08	tch	9C02038	8082
Aroclor 1232	ND	D08, QSU	280	54	ug/kg dry	10.0	03/03/09 22:08	tch	9C02038	8082
Aroclor 1242	ND	D08, QSU	280	60	ug/kg dry	10.0	03/03/09 22:08	tch	9C02038	8082
Aroclor 1248	ND	D08, QSU	280	54	ug/kg dry	10.0	03/03/09 22:08	tch	9C02038	8082
Aroclor 1254	**190**	D08, QSU,J	280	58	ug/kg dry	10.0	03/03/09 22:08	tch	9C02038	8082
Aroclor 1260	ND	D08, QSU	280	58	ug/kg dry	10.0	03/03/09 22:08	tch	9C02038	8082
Aroclor 1262	ND	D08, QSU	280	58	ug/kg dry	10.0	03/03/09 22:08	tch	9C02038	8082
Aroclor 1268	ND	D08, QSU	280	58	ug/kg dry	10.0	03/03/09 22:08	tch	9C02038	8082
Polychlorinated biphenyls, Total [9 AR]	ND	D08, QSU	280	160	ug/kg dry	10.0	03/03/09 22:08	tch	9C02038	8082
Total Polychlorinated Biphenyls [7AR]	ND	D08, QSU	280	140	ug/kg dry	10.0	03/03/09 22:08	tch	9C02038	8082
Surr: Decachlorobiphenyl (34-148%)	*	*D08, QSU*					03/03/09 22:08	tch	9C02038	8082
Surr: Tetrachloro-m-xylene (35-134%)	*	*D08, QSU*					03/03/09 22:08	tch	9C02038	8082
DRAFT: Total Metals by SW 846 Series Methods										
Aluminum	**16000**		16	4.2	mg/kg dry	1.00	03/06/09 16:12	TWS	9C04066	6010B
Antimony	ND		24	0.86	mg/kg dry	1.00	03/06/09 16:12	TWS	9C04066	6010B
Arsenic	**20**		3.2	0.35	mg/kg dry	1.00	03/06/09 16:12	TWS	9C04066	6010B
Barium	**160**		0.80	0.080	mg/kg dry	1.00	03/06/09 16:12	TWS	9C04066	6010B
Beryllium	**1.9**		0.32	0.016	mg/kg dry	1.00	03/06/09 16:12	TWS	9C04066	6010B
Boron	**38**		3.2	0.22	mg/kg dry	1.00	03/06/09 16:12	TWS	9C04066	6010B
Cadmium	**3.5**		0.32	0.064	mg/kg dry	1.00	03/06/09 16:12	TWS	9C04066	6010B
Calcium	**78000**		80	16	mg/kg dry	1.00	03/06/09 16:12	TWS	9C04066	6010B
Chromium	**130**		0.80	0.14	mg/kg dry	1.00	03/06/09 16:12	TWS	9C04066	6010B
Cobalt	**9.5**		0.80	0.080	mg/kg dry	1.00	03/06/09 16:12	TWS	9C04066	6010B
Copper	**120**		1.6	0.19	mg/kg dry	1.00	03/06/09 16:12	TWS	9C04066	6010B
Iron	**190000**	D08	160	48	mg/kg dry	10.0	03/09/09 18:05	AH	9C04066	6010B
Lead	**250**		1.6	0.19	mg/kg dry	1.00	03/06/09 16:12	TWS	9C04066	6010B
Magnesium	**9400**		32	6.7	mg/kg dry	1.00	03/06/09 16:12	TWS	9C04066	6010B
Manganese	**10000**	D08	3.2	1.6	mg/kg dry	10.0	03/09/09 18:05	AH	9C04066	6010B
Nickel	**55**		0.80	0.13	mg/kg dry	1.00	03/06/09 16:12	TWS	9C04066	6010B
Potassium	**1300**		48	13	mg/kg dry	1.00	03/06/09 16:12	TWS	9C04066	6010B
Selenium	**1.9**	J	6.4	0.94	mg/kg dry	1.00	03/06/09 16:12	TWS	9C04066	6010B
Silver	**0.66**	J	0.80	0.11	mg/kg dry	1.00	03/06/09 16:12	TWS	9C04066	6010B
Sodium	**320**		220	50	mg/kg dry	1.00	03/06/09 16:12	TWS	9C04066	6010B
Thallium	**2.9**	J	9.6	0.48	mg/kg dry	1.00	03/06/09 16:12	TWS	9C04066	6010B
Vanadium	**63**		0.80	0.064	mg/kg dry	1.00	03/06/09 16:12	TWS	9C04066	6010B
Zinc	**970**		3.2	0.64	mg/kg dry	1.00	03/06/09 16:12	TWS	9C04066	6010B
Mercury	**1.1**		0.035	0.014	mg/kg dry	1.00	03/05/09 16:24	DAN	9C05002	7471A

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
Reported: 03/25/09 16:31

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-10RE1 (DRAFT: TP-7-D 1.25-5.5 - Solid)							**Sampled: 02/26/09 13:45**		**Recvd: 02/27/09 09:15**	
DRAFT: Organochlorine Pesticides by EPA Method 8081A										
4,4'-DDD	ND	QSU	28	5.4	ug/kg dry	10.0	03/11/09 18:12	tch	9C05046	8081A
4,4'-DDE	ND	QSU	28	8.0	ug/kg dry	10.0	03/11/09 18:12	tch	9C05046	8081A
4,4'-DDT	**49**	QSU	28	6.3	ug/kg dry	10.0	03/11/09 18:12	tch	9C05046	8081A
Aldrin	ND	QSU	28	17	ug/kg dry	10.0	03/11/09 18:12	tch	9C05046	8081A
alpha-BHC	**210**	QSU	28	16	ug/kg dry	10.0	03/11/09 18:12	tch	9C05046	8081A
alpha-Chlordane	ND	QSU	28	14	ug/kg dry	10.0	03/11/09 18:12	tch	9C05046	8081A
beta-BHC	**150**	QSU	28	20	ug/kg dry	10.0	03/11/09 18:12	tch	9C05046	8081A
Chlordane	ND	QSU	280	110	ug/kg dry	10.0	03/11/09 18:12	tch	9C05046	8081A
delta-BHC	**12**	QSU,J, B	28	6.7	ug/kg dry	10.0	03/11/09 18:12	tch	9C05046	8081A
Dieldrin	ND	QSU	28	6.7	ug/kg dry	10.0	03/11/09 18:12	tch	9C05046	8081A
Endosulfan I	ND	QSU	28	11	ug/kg dry	10.0	03/11/09 18:12	tch	9C05046	8081A
Endosulfan II	**7.2**	QSU,J	28	5.0	ug/kg dry	10.0	03/11/09 18:12	tch	9C05046	8081A
Endosulfan sulfate	ND	QSU	28	5.2	ug/kg dry	10.0	03/11/09 18:12	tch	9C05046	8081A
Endrin	**42**	QSU	28	9.0	ug/kg dry	10.0	03/11/09 18:12	tch	9C05046	8081A
Endrin aldehyde	ND	QSU	28	11	ug/kg dry	10.0	03/11/09 18:12	tch	9C05046	8081A
Endrin ketone	ND	QSU	28	6.8	ug/kg dry	10.0	03/11/09 18:12	tch	9C05046	8081A
gamma-BHC (Lindane)	ND	QSU	28	15	ug/kg dry	10.0	03/11/09 18:12	tch	9C05046	8081A
gamma-Chlordane	ND	QSU	28	3.8	ug/kg dry	10.0	03/11/09 18:12	tch	9C05046	8081A
Heptachlor	ND	QSU	28	14	ug/kg dry	10.0	03/11/09 18:12	tch	9C05046	8081A
Heptachlor epoxide	ND	QSU	28	7.2	ug/kg dry	10.0	03/11/09 18:12	tch	9C05046	8081A
Methoxychlor	**67**	QSU	28	7.4	ug/kg dry	10.0	03/11/09 18:12	tch	9C05046	8081A
Toxaphene	ND	QSU	280	160	ug/kg dry	10.0	03/11/09 18:12	tch	9C05046	8081A
Surr: Decachlorobiphenyl (42-146%)	*	*QSU,Z3*					03/11/09 18:12	tch	9C05046	8081A
Surr: Tetrachloro-m-xylene (37-135%)	*	*QSU,Z3*					03/11/09 18:12	tch	9C05046	8081A

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
Reported: 03/25/09 16:31

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-12 (DRAFT: TP-8-D 2-2.5 - Solid)						**Sampled: 02/26/09 14:20**			**Recvd: 02/27/09 09:15**	
DRAFT: Polychlorinated Biphenyls by EPA Method 8082										
Aroclor 1016	ND	D02, QSU	2100	400	ug/kg dry	50.0	03/03/09 22:22	tch	9C02038	8082
Aroclor 1221	ND	D02, QSU	2100	400	ug/kg dry	50.0	03/03/09 22:22	tch	9C02038	8082
Aroclor 1232	ND	D02, QSU	2100	400	ug/kg dry	50.0	03/03/09 22:22	tch	9C02038	8082
Aroclor 1242	ND	D02, QSU	2100	450	ug/kg dry	50.0	03/03/09 22:22	tch	9C02038	8082
Aroclor 1248	ND	D02, QSU	2100	400	ug/kg dry	50.0	03/03/09 22:22	tch	9C02038	8082
Aroclor 1254	ND	D02, QSU	2100	430	ug/kg dry	50.0	03/03/09 22:22	tch	9C02038	8082
Aroclor 1260	ND	D02, QSU	2100	430	ug/kg dry	50.0	03/03/09 22:22	tch	9C02038	8082
Aroclor 1262	ND	D02, QSU	2100	440	ug/kg dry	50.0	03/03/09 22:22	tch	9C02038	8082
Aroclor 1268	ND	D02, QSU	2100	430	ug/kg dry	50.0	03/03/09 22:22	tch	9C02038	8082
Polychlorinated biphenyls, Total [9 AR]	ND	D02, QSU	2100	1200	ug/kg dry	50.0	03/03/09 22:22	tch	9C02038	8082
Total Polychlorinated Biphenyls [7AR]	ND	D02, QSU	2100	1100	ug/kg dry	50.0	03/03/09 22:22	tch	9C02038	8082
Surr: Decachlorobiphenyl (34-148%)	*	*D02, QSU*					03/03/09 22:22	tch	9C02038	8082
Surr: Tetrachloro-m-xylene (35-134%)	*	*D02, QSU*					03/03/09 22:22	tch	9C02038	8082
DRAFT: Total Metals by SW 846 Series Methods										
Aluminum	**1400**		25	6.5	mg/kg dry	1.00	03/06/09 16:17	TWS	9C04066	6010B
Antimony	**20**	J	37	1.3	mg/kg dry	1.00	03/06/09 16:17	TWS	9C04066	6010B
Arsenic	**62**		5.0	0.55	mg/kg dry	1.00	03/06/09 16:17	TWS	9C04066	6010B
Barium	**480**		1.2	0.12	mg/kg dry	1.00	03/06/09 16:17	TWS	9C04066	6010B
Beryllium	ND		0.50	0.025	mg/kg dry	1.00	03/06/09 16:17	TWS	9C04066	6010B
Boron	**2.4**	J	5.0	0.35	mg/kg dry	1.00	03/06/09 16:17	TWS	9C04066	6010B
Cadmium	**0.84**		0.50	0.10	mg/kg dry	1.00	03/06/09 16:17	TWS	9C04066	6010B
Calcium	**36000**		120	25	mg/kg dry	1.00	03/06/09 16:17	TWS	9C04066	6010B
Chromium	**140**		1.2	0.22	mg/kg dry	1.00	03/06/09 16:17	TWS	9C04066	6010B
Cobalt	**9.8**		1.2	0.12	mg/kg dry	1.00	03/06/09 16:17	TWS	9C04066	6010B
Copper	**300**		2.5	0.30	mg/kg dry	1.00	03/06/09 16:17	TWS	9C04066	6010B
Iron	**120000**		25	7.5	mg/kg dry	1.00	03/06/09 16:17	TWS	9C04066	6010B
Lead	**860**		2.5	0.30	mg/kg dry	1.00	03/06/09 16:17	TWS	9C04066	6010B
Magnesium	**580**		50	10	mg/kg dry	1.00	03/06/09 16:17	TWS	9C04066	6010B
Manganese	**470**		0.50	0.25	mg/kg dry	1.00	03/06/09 16:17	TWS	9C04066	6010B
Nickel	**120**		1.2	0.20	mg/kg dry	1.00	03/06/09 16:17	TWS	9C04066	6010B
Potassium	**510**		75	21	mg/kg dry	1.00	03/06/09 16:17	TWS	9C04066	6010B
Selenium	**4.3**	J	10	1.5	mg/kg dry	1.00	03/06/09 16:17	TWS	9C04066	6010B
Silver	**1.6**		1.2	0.17	mg/kg dry	1.00	03/06/09 16:17	TWS	9C04066	6010B
Sodium	**350**	J	350	77	mg/kg dry	1.00	03/06/09 16:17	TWS	9C04066	6010B
Thallium	**2.0**	J	15	0.75	mg/kg dry	1.00	03/06/09 16:17	TWS	9C04066	6010B
Vanadium	**63**		1.2	0.10	mg/kg dry	1.00	03/06/09 16:17	TWS	9C04066	6010B
Zinc	**200**		5.0	1.0	mg/kg dry	1.00	03/06/09 16:17	TWS	9C04066	6010B
Mercury	**2.1**		0.052	0.021	mg/kg dry	1.00	03/05/09 16:29	DAN	9C05002	7471A

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
Reported: 03/25/09 16:31

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-12RE1 (DRAFT: TP-8-D 2-2.5 - Solid)						**Sampled: 02/26/09 14:20**			**Recvd: 02/27/09 09:15**	
DRAFT: Organochlorine Pesticides by EPA Method 8081A										
4,4'-DDD	ND	QSU	410	80	ug/kg dry	100	03/11/09 18:48	tch	9C05046	8081A
4,4'-DDE	**230**	QSU,J	410	120	ug/kg dry	100	03/11/09 18:48	tch	9C05046	8081A
4,4'-DDT	ND	QSU	410	93	ug/kg dry	100	03/11/09 18:48	tch	9C05046	8081A
Aldrin	ND	QSU	410	260	ug/kg dry	100	03/11/09 18:48	tch	9C05046	8081A
alpha-BHC	**840**	QSU	410	230	ug/kg dry	100	03/11/09 18:48	tch	9C05046	8081A
alpha-Chlordane	**210**	QSU,J	410	200	ug/kg dry	100	03/11/09 18:48	tch	9C05046	8081A
beta-BHC	ND	QSU	410	300	ug/kg dry	100	03/11/09 18:48	tch	9C05046	8081A
Chlordane	ND	QSU	4100	1700	ug/kg dry	100	03/11/09 18:48	tch	9C05046	8081A
delta-BHC	ND	QSU	410	98	ug/kg dry	100	03/11/09 18:48	tch	9C05046	8081A
Dieldrin	ND	QSU	410	98	ug/kg dry	100	03/11/09 18:48	tch	9C05046	8081A
Endosulfan I	ND	QSU	410	160	ug/kg dry	100	03/11/09 18:48	tch	9C05046	8081A
Endosulfan II	**200**	QSU,J	410	74	ug/kg dry	100	03/11/09 18:48	tch	9C05046	8081A
Endosulfan sulfate	ND	QSU	410	76	ug/kg dry	100	03/11/09 18:48	tch	9C05046	8081A
Endrin	**610**	QSU	410	130	ug/kg dry	100	03/11/09 18:48	tch	9C05046	8081A
Endrin aldehyde	ND	QSU	410	170	ug/kg dry	100	03/11/09 18:48	tch	9C05046	8081A
Endrin ketone	**170**	QSU,J	410	100	ug/kg dry	100	03/11/09 18:48	tch	9C05046	8081A
gamma-BHC (Lindane)	ND	QSU	410	230	ug/kg dry	100	03/11/09 18:48	tch	9C05046	8081A
gamma-Chlordane	ND	QSU	410	56	ug/kg dry	100	03/11/09 18:48	tch	9C05046	8081A
Heptachlor	ND	QSU	410	200	ug/kg dry	100	03/11/09 18:48	tch	9C05046	8081A
Heptachlor epoxide	ND	QSU	410	110	ug/kg dry	100	03/11/09 18:48	tch	9C05046	8081A
Methoxychlor	**770**	QSU	410	110	ug/kg dry	100	03/11/09 18:48	tch	9C05046	8081A
Toxaphene	ND	QSU	4100	2400	ug/kg dry	100	03/11/09 18:48	tch	9C05046	8081A
Surr: Decachlorobiphenyl (42-146%)	*	*QSU,Z3*					03/11/09 18:48	tch	9C05046	8081A
Surr: Tetrachloro-m-xylene (37-135%)	*	*QSU,Z3*					03/11/09 18:48	tch	9C05046	8081A

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
Reported: 03/25/09 16:31

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-13 (DRAFT: SEEP-1 - Water)						**Sampled: 02/26/09 15:30**			**Recvd: 02/27/09 09:15**	
DRAFT: Organochlorine Pesticides by EPA Method 8081A										
4,4'-DDD	ND		0.057	0.019	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
4,4'-DDE	**0.030**	J	0.057	0.013	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
4,4'-DDT	ND		0.057	0.013	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
Aldrin	**0.010**	J, B	0.057	0.0076	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
alpha-BHC	**0.027**	J, B	0.057	0.0076	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
alpha-Chlordane	**0.022**	J	0.057	0.017	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
beta-BHC	ND		0.057	0.029	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
Chlordane	ND		0.57	0.058	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
delta-BHC	**0.022**	J, B	0.057	0.012	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
Dieldrin	**0.028**	J	0.057	0.022	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
Endosulfan I	ND		0.057	0.028	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
Endosulfan II	ND		0.057	0.022	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
Endosulfan sulfate	ND		0.057	0.018	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
Endrin	ND		0.057	0.016	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
Endrin aldehyde	ND		0.057	0.019	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
Endrin ketone	ND		0.057	0.023	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
gamma-BHC (Lindane)	**0.016**	J	0.057	0.0069	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
gamma-Chlordane	**0.018**	J	0.057	0.013	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
Heptachlor	ND		0.057	0.0098	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
Heptachlor epoxide	ND		0.057	0.0061	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
Hexachlorobenzene	ND		0.057	0.039	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
Hexachlorocyclohexane	ND		0.23	NA	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
Methoxychlor	ND		0.057	0.016	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
Mirex	ND		0.057	0.0069	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
Toxaphene	ND		0.57	0.14	ug/L	1.00	03/04/09 17:30	tch	9C02002	8081A
Surr: Decachlorobiphenyl (15-139%)	*68 %*						03/04/09 17:30	tch	9C02002	8081A
Surr: Tetrachloro-m-xylene (30-139%)	*86 %*						03/04/09 17:30	tch	9C02002	8081A
DRAFT: Polychlorinated Biphenyls by EPA Method 8082										
Aroclor 1016	ND		0.57	0.20	ug/L	1.00	03/04/09 13:57	tch	9C02001	8082
Aroclor 1221	ND		0.57	0.20	ug/L	1.00	03/04/09 13:57	tch	9C02001	8082
Aroclor 1232	ND		0.57	0.20	ug/L	1.00	03/04/09 13:57	tch	9C02001	8082
Aroclor 1242	ND		0.57	0.20	ug/L	1.00	03/04/09 13:57	tch	9C02001	8082
Aroclor 1248	ND		0.57	0.20	ug/L	1.00	03/04/09 13:57	tch	9C02001	8082
Aroclor 1254	ND		0.57	0.29	ug/L	1.00	03/04/09 13:57	tch	9C02001	8082
Aroclor 1260	ND		0.57	0.29	ug/L	1.00	03/04/09 13:57	tch	9C02001	8082
Aroclor 1262	ND		0.57	0.29	ug/L	1.00	03/04/09 13:57	tch	9C02001	8082
Aroclor 1268	ND		0.57	0.29	ug/L	1.00	03/04/09 13:57	tch	9C02001	8082
Polychlorinated biphenyls, Total [9 AR]	**0.36**	J	0.57	0.29	ug/L	1.00	03/04/09 13:57	tch	9C02001	8082
Total Polychlorinated Biphenyls [7AR]	ND		0.57	0.29	ug/L	1.00	03/04/09 13:57	tch	9C02001	8082
Surr: Decachlorobiphenyl (12-137%)	*72 %*						03/04/09 13:57	tch	9C02001	8082
Surr: Tetrachloro-m-xylene (35-121%)	*89 %*						03/04/09 13:57	tch	9C02001	8082
DRAFT: Total Metals by SW 846 Series Methods										
Aluminum	**0.11**	J	0.20	0.024	mg/L	1.00	03/10/09 00:39	AH	9C09015	6010B
Antimony	ND		0.020	0.0055	mg/L	1.00	03/10/09 00:39	AH	9C09015	6010B
Arsenic	ND		0.010	0.0037	mg/L	1.00	03/10/09 00:39	AH	9C09015	6010B
Barium	**0.062**		0.0020	0.00028	mg/L	1.00	03/10/09 00:39	AH	9C09015	6010B
Beryllium	ND		0.0020	0.00033	mg/L	1.00	03/10/09 00:39	AH	9C09015	6010B
Boron	**0.13**		0.020	0.0080	mg/L	1.00	03/10/09 00:39	AH	9C09015	6010B
Cadmium	ND		0.0010	0.00033	mg/L	1.00	03/10/09 00:39	AH	9C09015	6010B
Calcium	**190**		0.50	0.10	mg/L	1.00	03/10/09 00:39	AH	9C09015	6010B

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
Reported: 03/25/09 16:31

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-13 (DRAFT: SEEP-1 - Water) - cont.						**Sampled: 02/26/09 15:30**			**Recvd: 02/27/09 09:15**	
DRAFT: Total Metals by SW 846 Series Methods - cont.										
Chromium	**0.0023**	J	0.0040	0.00088	mg/L	1.00	03/10/09 00:39	AH	9C09015	6010B
Cobalt	**0.014**		0.0040	0.0011	mg/L	1.00	03/10/09 00:39	AH	9C09015	6010B
Copper	ND		0.010	0.0013	mg/L	1.00	03/10/09 00:39	AH	9C09015	6010B
Iron	**8.7**		0.050	0.019	mg/L	1.00	03/10/09 00:39	AH	9C09015	6010B
Lead	ND		0.0050	0.0029	mg/L	1.00	03/10/09 00:39	AH	9C09015	6010B
Magnesium	**33**		0.20	0.042	mg/L	1.00	03/10/09 00:39	AH	9C09015	6010B
Manganese	**6.5**		0.0030	0.00024	mg/L	1.00	03/10/09 00:39	AH	9C09015	6010B
Nickel	**0.010**	J	0.010	0.0010	mg/L	1.00	03/10/09 00:39	AH	9C09015	6010B
Potassium	**11**		0.50	0.050	mg/L	1.00	03/10/09 00:39	AH	9C09015	6010B
Selenium	ND		0.015	0.0061	mg/L	1.00	03/10/09 00:39	AH	9C09015	6010B
Silver	ND		0.0030	0.0013	mg/L	1.00	03/10/09 00:39	AH	9C09015	6010B
Sodium	**150**		1.0	0.34	mg/L	1.00	03/10/09 00:39	AH	9C09015	6010B
Thallium	ND		0.020	0.0059	mg/L	1.00	03/10/09 00:39	AH	9C09015	6010B
Vanadium	ND		0.0050	0.00098	mg/L	1.00	03/10/09 00:39	AH	9C09015	6010B
Zinc	**0.0077**	J	0.010	0.0036	mg/L	1.00	03/10/09 00:39	AH	9C09015	6010B
Mercury	ND		0.00020	0.00012	mg/L	1.00	03/04/09 12:59	MM	9C04019	7470A

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
Reported: 04/07/09 17:16

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-01 (DRAFT: TP-1-D 0.75-5 - Solid)						**Sampled: 02/26/09 08:45**			**Recvd: 02/27/09 09:15**	
DRAFT: Semivolatile Organics by GC/MS										
2-Methylnaphthalene	890	D02,J	2900	34	ug/kg dry	10.0	03/21/09 14:41	MKP	9C02039	8270C
Acenaphthene	300	D02,J	2900	33	ug/kg dry	10.0	03/21/09 14:41	MKP	9C02039	8270C
Acenaphthylene	650	D02,J	2900	23	ug/kg dry	10.0	03/21/09 14:41	MKP	9C02039	8270C
Anthracene	120	D02,J	2900	73	ug/kg dry	10.0	03/21/09 14:41	MKP	9C02039	8270C
Benzo[a]anthracene	170	D02,J	2900	49	ug/kg dry	10.0	03/21/09 14:41	MKP	9C02039	8270C
Benzo[a]pyrene	130	D02,J	2900	69	ug/kg dry	10.0	03/21/09 14:41	MKP	9C02039	8270C
Benzo[g,h,i]perylene	130	D02,J	2900	34	ug/kg dry	10.0	03/21/09 14:41	MKP	9C02039	8270C
Biphenyl	260	D02,J	2900	180	ug/kg dry	10.0	03/21/09 14:41	MKP	9C02039	8270C
Dibenzofuran	560	D02,J	2900	30	ug/kg dry	10.0	03/21/09 14:41	MKP	9C02039	8270C
Fluoranthene	1000	D02,J	2900	41	ug/kg dry	10.0	03/21/09 14:41	MKP	9C02039	8270C
Fluorene	480	D02,J	2900	66	ug/kg dry	10.0	03/21/09 14:41	MKP	9C02039	8270C
Indeno[1,2,3-cd]pyrene	120	D02,J	2900	79	ug/kg dry	10.0	03/21/09 14:41	MKP	9C02039	8270C
Naphthalene	9100	D02,B	2900	47	ug/kg dry	10.0	03/21/09 14:41	MKP	9C02039	8270C
Pentachlorophenol	16000	D02	5600	980	ug/kg dry	10.0	03/21/09 14:41	MKP	9C02039	8270C
Phenanthrene	2900	D02,J	2900	60	ug/kg dry	10.0	03/21/09 14:41	MKP	9C02039	8270C
Pyrene	920	D02,J	2900	18	ug/kg dry	10.0	03/21/09 14:41	MKP	9C02039	8270C
Sample ID: RSB0930-01RE1 (DRAFT: TP-1-D 0.75-5 - Solid)						**Sampled: 02/26/09 08:45**			**Recvd: 02/27/09 09:15**	
DRAFT: Semivolatile Organics by GC/MS										
2-Methylnaphthalene	1100	H4,J	8700	100	ug/kg dry	1.00	04/02/09 19:26	JLG	9C24035	8270C
Acenaphthene	510	H4,J	8700	100	ug/kg dry	1.00	04/02/09 19:26	JLG	9C24035	8270C
Acenaphthylene	970	H4,J	8700	71	ug/kg dry	1.00	04/02/09 19:26	JLG	9C24035	8270C
Benzo[a]anthracene	380	H4,J	8700	150	ug/kg dry	1.00	04/02/09 19:26	JLG	9C24035	8270C
Dibenzofuran	730	H4,J	8700	90	ug/kg dry	1.00	04/02/09 19:26	JLG	9C24035	8270C
Fluoranthene	910	H4,J	8700	130	ug/kg dry	1.00	04/02/09 19:26	JLG	9C24035	8270C
Naphthalene	9300	H4	8700	140	ug/kg dry	1.00	04/02/09 19:26	JLG	9C24035	8270C
Pentachlorophenol	28000	H4	17000	3000	ug/kg dry	1.00	04/02/09 19:26	JLG	9C24035	8270C
Phenanthrene	2900	H4,J	8700	180	ug/kg dry	1.00	04/02/09 19:26	JLG	9C24035	8270C
Pyrene	770	H4,J	8700	56	ug/kg dry	1.00	04/02/09 19:26	JLG	9C24035	8270C
Sample ID: RSB0930-02 (DRAFT: TP-1-D 5-10 - Solid)						**Sampled: 02/26/09 09:00**			**Recvd: 02/27/09 09:15**	
DRAFT: Semivolatile Organics by GC/MS										
2-Methylnaphthalene	140	D02,J	1200	14	ug/kg dry	5.00	03/21/09 15:04	MKP	9C02039	8270C
Acenaphthene	62	D02,J	1200	14	ug/kg dry	5.00	03/21/09 15:04	MKP	9C02039	8270C
Acenaphthylene	58	D02,J	1200	9.6	ug/kg dry	5.00	03/21/09 15:04	MKP	9C02039	8270C
Anthracene	85	D02,J	1200	30	ug/kg dry	5.00	03/21/09 15:04	MKP	9C02039	8270C
Benzo[a]anthracene	120	D02,J	1200	20	ug/kg dry	5.00	03/21/09 15:04	MKP	9C02039	8270C
Benzo[a]pyrene	99	D02,J	1200	28	ug/kg dry	5.00	03/21/09 15:04	MKP	9C02039	8270C
Benzo[b]fluoranthene	92	D02,J	1200	23	ug/kg dry	5.00	03/21/09 15:04	MKP	9C02039	8270C
Benzo[g,h,i]perylene	48	D02,J	1200	14	ug/kg dry	5.00	03/21/09 15:04	MKP	9C02039	8270C
Carbazole	90	D02,J	1200	14	ug/kg dry	5.00	03/21/09 15:04	MKP	9C02039	8270C
Chrysene	120	D02,J	1200	12	ug/kg dry	5.00	03/21/09 15:04	MKP	9C02039	8270C
Dibenzofuran	130	D02,J	1200	12	ug/kg dry	5.00	03/21/09 15:04	MKP	9C02039	8270C
Fluoranthene	270	D02,J	1200	17	ug/kg dry	5.00	03/21/09 15:04	MKP	9C02039	8270C
Fluorene	170	D02,J	1200	27	ug/kg dry	5.00	03/21/09 15:04	MKP	9C02039	8270C
Naphthalene	300	D02,J, B	1200	19	ug/kg dry	5.00	03/21/09 15:04	MKP	9C02039	8270C
Phenanthrene	480	D02,J	1200	25	ug/kg dry	5.00	03/21/09 15:04	MKP	9C02039	8270C
Pyrene	220	D02,J	1200	7.6	ug/kg dry	5.00	03/21/09 15:04	MKP	9C02039	8270C

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

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Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-02RE1 (DRAFT: TP-1-D 5-10 - Solid)						**Sampled: 02/26/09 09:00**			**Recvd: 02/27/09 09:15**	
DRAFT: Semivolatile Organics by GC/MS										
2-Methylnaphthalene	37	H4,J	240	2.9	ug/kg dry	1.00	04/02/09 19:49	JLG	9C24035	8270C
Acenaphthene	36	H4,J	240	2.8	ug/kg dry	1.00	04/02/09 19:49	JLG	9C24035	8270C
Acenaphthylene	33	H4,J	240	1.9	ug/kg dry	1.00	04/02/09 19:49	JLG	9C24035	8270C
Anthracene	95	H4,J	240	6.1	ug/kg dry	1.00	04/02/09 19:49	JLG	9C24035	8270C
Benzo[a]anthracene	91	H4,J	240	4.1	ug/kg dry	1.00	04/02/09 19:49	JLG	9C24035	8270C
Benzo[a]pyrene	61	H4,J	240	5.7	ug/kg dry	1.00	04/02/09 19:49	JLG	9C24035	8270C
Benzo[b]fluoranthene	70	H4,J	240	4.6	ug/kg dry	1.00	04/02/09 19:49	JLG	9C24035	8270C
Benzo[g,h,i]perylene	37	H4,J	240	2.8	ug/kg dry	1.00	04/02/09 19:49	JLG	9C24035	8270C
Benzo[k]fluoranthene	42	H4,J	240	2.6	ug/kg dry	1.00	04/02/09 19:49	JLG	9C24035	8270C
Biphenyl	16	H4,J	240	15	ug/kg dry	1.00	04/02/09 19:49	JLG	9C24035	8270C
Carbazole	76	H4,J	240	2.7	ug/kg dry	1.00	04/02/09 19:49	JLG	9C24035	8270C
Chrysene	77	H4,J	240	2.4	ug/kg dry	1.00	04/02/09 19:49	JLG	9C24035	8270C
Dibenz[a,h]anthracene	15	H4,J	240	2.8	ug/kg dry	1.00	04/02/09 19:49	JLG	9C24035	8270C
Dibenzofuran	83	H4,J	240	2.5	ug/kg dry	1.00	04/02/09 19:49	JLG	9C24035	8270C
Fluoranthene	330	H4	240	3.4	ug/kg dry	1.00	04/02/09 19:49	JLG	9C24035	8270C
Fluorene	120	H4,J	240	5.5	ug/kg dry	1.00	04/02/09 19:49	JLG	9C24035	8270C
Indeno[1,2,3-cd]pyrene	34	H4,J	240	6.6	ug/kg dry	1.00	04/02/09 19:49	JLG	9C24035	8270C
Naphthalene	56	H4,J	240	3.9	ug/kg dry	1.00	04/02/09 19:49	JLG	9C24035	8270C
Phenanthrene	450	H4	240	5.0	ug/kg dry	1.00	04/02/09 19:49	JLG	9C24035	8270C
Pyrene	240	H4,J	240	1.5	ug/kg dry	1.00	04/02/09 19:49	JLG	9C24035	8270C
Sample ID: RSB0930-04 (DRAFT: TP-2-D 5-5.5 - Solid)						**Sampled: 02/26/09 09:45**			**Recvd: 02/27/09 09:15**	
DRAFT: Semivolatile Organics by GC/MS										
2-Methylnaphthalene	5200	D02	2200	26	ug/kg dry	10.0	03/21/09 15:27	MKP	9C02039	8270C
Acenaphthene	1000	D02,J	2200	25	ug/kg dry	10.0	03/21/09 15:27	MKP	9C02039	8270C
Acenaphthylene	1700	D02,J	2200	18	ug/kg dry	10.0	03/21/09 15:27	MKP	9C02039	8270C
Anthracene	1500	D02,J	2200	55	ug/kg dry	10.0	03/21/09 15:27	MKP	9C02039	8270C
Benzo[a]anthracene	2200	D02,J	2200	37	ug/kg dry	10.0	03/21/09 15:27	MKP	9C02039	8270C
Benzo[a]pyrene	1700	D02,J	2200	52	ug/kg dry	10.0	03/21/09 15:27	MKP	9C02039	8270C
Benzo[b]fluoranthene	2500	D02	2200	42	ug/kg dry	10.0	03/21/09 15:27	MKP	9C02039	8270C
Benzo[g,h,i]perylene	1900	D02,J	2200	26	ug/kg dry	10.0	03/21/09 15:27	MKP	9C02039	8270C
Biphenyl	1900	D02,J	2200	130	ug/kg dry	10.0	03/21/09 15:27	MKP	9C02039	8270C
Chrysene	2300	D02	2200	22	ug/kg dry	10.0	03/21/09 15:27	MKP	9C02039	8270C
Dibenz[a,h]anthracene	450	D02,J	2200	25	ug/kg dry	10.0	03/21/09 15:27	MKP	9C02039	8270C
Dibenzofuran	1500	D02,J	2200	22	ug/kg dry	10.0	03/21/09 15:27	MKP	9C02039	8270C
Fluoranthene	3500	D02	2200	31	ug/kg dry	10.0	03/21/09 15:27	MKP	9C02039	8270C
Fluorene	3200	D02	2200	50	ug/kg dry	10.0	03/21/09 15:27	MKP	9C02039	8270C
Indeno[1,2,3-cd]pyrene	1400	D02,J	2200	60	ug/kg dry	10.0	03/21/09 15:27	MKP	9C02039	8270C
Naphthalene	4200	D02,B	2200	36	ug/kg dry	10.0	03/21/09 15:27	MKP	9C02039	8270C
Phenanthrene	10000	D02	2200	45	ug/kg dry	10.0	03/21/09 15:27	MKP	9C02039	8270C
Pyrene	6300	D02	2200	14	ug/kg dry	10.0	03/21/09 15:27	MKP	9C02039	8270C
Sample ID: RSB0930-04RE1 (DRAFT: TP-2-D 5-5.5 - Solid)						**Sampled: 02/26/09 09:45**			**Recvd: 02/27/09 09:15**	
DRAFT: Semivolatile Organics by GC/MS										
2-Methylnaphthalene	7600	D02, H4,J	44000	530	ug/kg dry	10.0	04/02/09 20:12	JLG	9C24035	8270C
Acenaphthene	2100	D02, H4,J	44000	510	ug/kg dry	10.0	04/02/09 20:12	JLG	9C24035	8270C
Benzo[a]anthracene	3900	D02, H4,J	44000	750	ug/kg dry	10.0	04/02/09 20:12	JLG	9C24035	8270C
Benzo[a]pyrene	1700	D02, H4,J	44000	1000	ug/kg dry	10.0	04/02/09 20:12	JLG	9C24035	8270C
Benzo[b]fluoranthene	2200	D02, H4,J	44000	840	ug/kg dry	10.0	04/02/09 20:12	JLG	9C24035	8270C

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
Reported: 04/07/09 17:16

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-04RE1 (DRAFT: TP-2-D 5-5.5 - Solid) - cont.						**Sampled: 02/26/09 09:45**			**Recvd: 02/27/09 09:15**	
DRAFT: Semivolatile Organics by GC/MS - cont.										
Biphenyl	3000	D02, H4,J	44000	2700	ug/kg dry	10.0	04/02/09 20:12	JLG	9C24035	8270C
Chrysene	2800	D02, H4,J	44000	430	ug/kg dry	10.0	04/02/09 20:12	JLG	9C24035	8270C
Dibenzofuran	2400	D02, H4,J	44000	450	ug/kg dry	10.0	04/02/09 20:12	JLG	9C24035	8270C
Fluoranthene	5400	D02, H4,J	44000	630	ug/kg dry	10.0	04/02/09 20:12	JLG	9C24035	8270C
Fluorene	4500	D02, H4,J	44000	1000	ug/kg dry	10.0	04/02/09 20:12	JLG	9C24035	8270C
Naphthalene	6700	D02, H4,J	44000	720	ug/kg dry	10.0	04/02/09 20:12	JLG	9C24035	8270C
Phenanthrene	15000	D02, H4,J	44000	910	ug/kg dry	10.0	04/02/09 20:12	JLG	9C24035	8270C
Pyrene	9300	D02, H4,J	44000	280	ug/kg dry	10.0	04/02/09 20:12	JLG	9C24035	8270C
Sample ID: RSB0930-05 (DRAFT: TP-3-D 1-8 - Solid)						**Sampled: 02/26/09 10:45**			**Recvd: 02/27/09 09:15**	
DRAFT: Semivolatile Organics by GC/MS										
2-Methylnaphthalene	510	D02,J	2400	28	ug/kg dry	10.0	03/21/09 15:50	MKP	9C02039	8270C
Acenaphthylene	130	D02,J	2400	19	ug/kg dry	10.0	03/21/09 15:50	MKP	9C02039	8270C
Anthracene	160	D02,J	2400	60	ug/kg dry	10.0	03/21/09 15:50	MKP	9C02039	8270C
Benzo[a]anthracene	510	D02,J	2400	41	ug/kg dry	10.0	03/21/09 15:50	MKP	9C02039	8270C
Benzo[a]pyrene	350	D02,J	2400	57	ug/kg dry	10.0	03/21/09 15:50	MKP	9C02039	8270C
Benzo[b]fluoranthene	660	D02,J	2400	46	ug/kg dry	10.0	03/21/09 15:50	MKP	9C02039	8270C
Benzo[g,h,i]perylene	340	D02,J	2400	28	ug/kg dry	10.0	03/21/09 15:50	MKP	9C02039	8270C
Chrysene	460	D02,J	2400	24	ug/kg dry	10.0	03/21/09 15:50	MKP	9C02039	8270C
Dibenz[a,h]anthracene	97	D02,J	2400	28	ug/kg dry	10.0	03/21/09 15:50	MKP	9C02039	8270C
Fluoranthene	970	D02,J	2400	34	ug/kg dry	10.0	03/21/09 15:50	MKP	9C02039	8270C
Fluorene	200	D02,J	2400	54	ug/kg dry	10.0	03/21/09 15:50	MKP	9C02039	8270C
Indeno[1,2,3-cd]pyrene	290	D02,J	2400	65	ug/kg dry	10.0	03/21/09 15:50	MKP	9C02039	8270C
Naphthalene	990	D02,J, B	2400	39	ug/kg dry	10.0	03/21/09 15:50	MKP	9C02039	8270C
Phenanthrene	1400	D02,J	2400	49	ug/kg dry	10.0	03/21/09 15:50	MKP	9C02039	8270C
Pyrene	1200	D02,J	2400	15	ug/kg dry	10.0	03/21/09 15:50	MKP	9C02039	8270C
Sample ID: RSB0930-05RE1 (DRAFT: TP-3-D 1-8 - Solid)						**Sampled: 02/26/09 10:45**			**Recvd: 02/27/09 09:15**	
DRAFT: Semivolatile Organics by GC/MS										
2-Methylnaphthalene	640	H4,J	4700	57	ug/kg dry	1.00	04/02/09 20:36	JLG	9C24035	8270C
Acenaphthylene	210	H4,J	4700	38	ug/kg dry	1.00	04/02/09 20:36	JLG	9C24035	8270C
Anthracene	500	H4,J	4700	120	ug/kg dry	1.00	04/02/09 20:36	JLG	9C24035	8270C
Benzo[a]anthracene	1900	H4,J	4700	81	ug/kg dry	1.00	04/02/09 20:36	JLG	9C24035	8270C
Benzo[a]pyrene	1400	H4,J	4700	110	ug/kg dry	1.00	04/02/09 20:36	JLG	9C24035	8270C
Benzo[b]fluoranthene	2700	H4,ID3, J	4700	91	ug/kg dry	1.00	04/02/09 20:36	JLG	9C24035	8270C
Benzo[g,h,i]perylene	900	H4,J	4700	56	ug/kg dry	1.00	04/02/09 20:36	JLG	9C24035	8270C
Chrysene	1800	H4,J	4700	47	ug/kg dry	1.00	04/02/09 20:36	JLG	9C24035	8270C
Dibenz[a,h]anthracene	300	H4,J	4700	55	ug/kg dry	1.00	04/02/09 20:36	JLG	9C24035	8270C
Fluoranthene	4100	H4,J	4700	68	ug/kg dry	1.00	04/02/09 20:36	JLG	9C24035	8270C
Fluorene	430	H4,J	4700	110	ug/kg dry	1.00	04/02/09 20:36	JLG	9C24035	8270C
Indeno[1,2,3-cd]pyrene	920	H4,J	4700	130	ug/kg dry	1.00	04/02/09 20:36	JLG	9C24035	8270C
Naphthalene	1100	H4,J	4700	78	ug/kg dry	1.00	04/02/09 20:36	JLG	9C24035	8270C
Phenanthrene	3000	H4,J	4700	98	ug/kg dry	1.00	04/02/09 20:36	JLG	9C24035	8270C
Pyrene	3600	H4,J	4700	30	ug/kg dry	1.00	04/02/09 20:36	JLG	9C24035	8270C
Sample ID: RSB0930-08 (DRAFT: TP-6-D .75-1.5 - Solid)						**Sampled: 02/26/09 13:00**			**Recvd: 02/27/09 09:15**	
DRAFT: General Chemistry Parameters										
Total Cyanide	280000	D08, H1	13000	12000	ug/kg dry	10.0	03/24/09 13:02	jmm	9C24001	9012A
DRAFT: Semivolatile Organics by GC/MS										
Acenaphthylene	120	D02,J	2800	23	ug/kg dry	10.0	03/21/09 16:13	MKP	9C02039	8270C

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
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Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-08 (DRAFT: TP-6-D .75-1.5 - Solid) - cont.						**Sampled: 02/26/09 13:00**			**Recvd: 02/27/09 09:15**	
DRAFT: Semivolatile Organics by GC/MS - cont.										
Benzo[a]anthracene	340	D02,J	2800	48	ug/kg dry	10.0	03/21/09 16:13	MKP	9C02039	8270C
Benzo[a]pyrene	170	D02,J	2800	68	ug/kg dry	10.0	03/21/09 16:13	MKP	9C02039	8270C
Benzo[b]fluoranthene	310	D02,J	2800	54	ug/kg dry	10.0	03/21/09 16:13	MKP	9C02039	8270C
Benzo[g,h,i]perylene	230	D02,J	2800	34	ug/kg dry	10.0	03/21/09 16:13	MKP	9C02039	8270C
Chrysene	260	D02,J	2800	28	ug/kg dry	10.0	03/21/09 16:13	MKP	9C02039	8270C
Fluoranthene	500	D02,J	2800	41	ug/kg dry	10.0	03/21/09 16:13	MKP	9C02039	8270C
Indeno[1,2,3-cd]pyrene	120	D02,J	2800	78	ug/kg dry	10.0	03/21/09 16:13	MKP	9C02039	8270C
Naphthalene	440	D02,J, B	2800	47	ug/kg dry	10.0	03/21/09 16:13	MKP	9C02039	8270C
Phenanthrene	730	D02,J	2800	59	ug/kg dry	10.0	03/21/09 16:13	MKP	9C02039	8270C
Pyrene	930	D02,J	2800	18	ug/kg dry	10.0	03/21/09 16:13	MKP	9C02039	8270C
Sample ID: RSB0930-08RE1 (DRAFT: TP-6-D .75-1.5 - Solid)						**Sampled: 02/26/09 13:00**			**Recvd: 02/27/09 09:15**	
DRAFT: Semivolatile Organics by GC/MS										
Benzo[a]anthracene	7100	D02, H4,J	85000	1500	ug/kg dry	10.0	04/02/09 20:59	JLG	9C24035	8270C
Benzo[a]pyrene	4000	D02, H4,J	85000	2000	ug/kg dry	10.0	04/02/09 20:59	JLG	9C24035	8270C
Benzo[b]fluoranthene	5200	D02, H4,J	85000	1600	ug/kg dry	10.0	04/02/09 20:59	JLG	9C24035	8270C
Benzo[g,h,i]perylene	4700	D02, H4,J	85000	1000	ug/kg dry	10.0	04/02/09 20:59	JLG	9C24035	8270C
Chrysene	6300	D02, H4,J	85000	840	ug/kg dry	10.0	04/02/09 20:59	JLG	9C24035	8270C
Fluoranthene	10000	D02, H4,J	85000	1200	ug/kg dry	10.0	04/02/09 20:59	JLG	9C24035	8270C
Naphthalene	10000	D02, H4,J	85000	1400	ug/kg dry	10.0	04/02/09 20:59	JLG	9C24035	8270C
Phenanthrene	12000	D02, H4,J	85000	1800	ug/kg dry	10.0	04/02/09 20:59	JLG	9C24035	8270C
Pyrene	17000	D02, H4,J	85000	540	ug/kg dry	10.0	04/02/09 20:59	JLG	9C24035	8270C
Sample ID: RSB0930-09 (DRAFT: TP-7-D 1-1.25 - Solid)						**Sampled: 02/26/09 13:30**			**Recvd: 02/27/09 09:15**	
DRAFT: General Chemistry Parameters										
Total Cyanide	380000	D08, H1	13000	11000	ug/kg dry	10.0	03/24/09 13:03	jmm	9C24001	9012A
DRAFT: Semivolatile Organics by GC/MS										
2-Methylnaphthalene	1500	D02,J	2300	28	ug/kg dry	10.0	03/21/09 16:36	MKP	9C02039	8270C
Acenaphthylene	400	D02,J	2300	19	ug/kg dry	10.0	03/21/09 16:36	MKP	9C02039	8270C
Anthracene	160	D02,J	2300	59	ug/kg dry	10.0	03/21/09 16:36	MKP	9C02039	8270C
Benzo[a]anthracene	900	D02,J	2300	40	ug/kg dry	10.0	03/21/09 16:36	MKP	9C02039	8270C
Benzo[a]pyrene	380	D02,J	2300	56	ug/kg dry	10.0	03/21/09 16:36	MKP	9C02039	8270C
Benzo[b]fluoranthene	880	D02,J	2300	45	ug/kg dry	10.0	03/21/09 16:36	MKP	9C02039	8270C
Benzo[g,h,i]perylene	560	D02,J	2300	28	ug/kg dry	10.0	03/21/09 16:36	MKP	9C02039	8270C
Biphenyl	410	D02,J	2300	140	ug/kg dry	10.0	03/21/09 16:36	MKP	9C02039	8270C
Chrysene	860	D02,J	2300	23	ug/kg dry	10.0	03/21/09 16:36	MKP	9C02039	8270C
Dibenz[a,h]anthracene	130	D02,J	2300	27	ug/kg dry	10.0	03/21/09 16:36	MKP	9C02039	8270C
Dibenzofuran	310	D02,J	2300	24	ug/kg dry	10.0	03/21/09 16:36	MKP	9C02039	8270C
Fluoranthene	1800	D02,J	2300	34	ug/kg dry	10.0	03/21/09 16:36	MKP	9C02039	8270C
Fluorene	330	D02,J	2300	53	ug/kg dry	10.0	03/21/09 16:36	MKP	9C02039	8270C
Indeno[1,2,3-cd]pyrene	410	D02,J	2300	64	ug/kg dry	10.0	03/21/09 16:36	MKP	9C02039	8270C
Naphthalene	750	D02,J, B	2300	39	ug/kg dry	10.0	03/21/09 16:36	MKP	9C02039	8270C
Phenanthrene	3800	D02	2300	49	ug/kg dry	10.0	03/21/09 16:36	MKP	9C02039	8270C
Pyrene	3600	D02	2300	15	ug/kg dry	10.0	03/21/09 16:36	MKP	9C02039	8270C
Sample ID: RSB0930-09RE1 (DRAFT: TP-7-D 1-1.25 - Solid)						**Sampled: 02/26/09 13:30**			**Recvd: 02/27/09 09:15**	
DRAFT: Semivolatile Organics by GC/MS										
2-Methylnaphthalene	35000	D02, H4,J	69000	820	ug/kg dry	10.0	04/02/09 21:22	JLG	9C24035	8270C
Acenaphthylene	7400	D02, H4,J	69000	560	ug/kg dry	10.0	04/02/09 21:22	JLG	9C24035	8270C
Benzo[a]anthracene	13000	D02, H4,J	69000	1200	ug/kg dry	10.0	04/02/09 21:22	JLG	9C24035	8270C

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

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Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-09RE1 (DRAFT: TP-7-D 1-1.25 - Solid) - cont.						**Sampled: 02/26/09 13:30**			**Recvd: 02/27/09 09:15**	
DRAFT: Semivolatile Organics by GC/MS - cont.										
Benzo[a]pyrene	6000	D02, H4,J	69000	1600	ug/kg dry	10.0	04/02/09 21:22	JLG	9C24035	8270C
Benzo[b]fluoranthene	14000	D02, H4,ID3, J	69000	1300	ug/kg dry	10.0	04/02/09 21:22	JLG	9C24035	8270C
Benzo[g,h,i]perylene	7500	D02, H4,J	69000	820	ug/kg dry	10.0	04/02/09 21:22	JLG	9C24035	8270C
Biphenyl	7100	D02, H4,J	69000	4200	ug/kg dry	10.0	04/02/09 21:22	JLG	9C24035	8270C
Chrysene	13000	D02, H4,J	69000	680	ug/kg dry	10.0	04/02/09 21:22	JLG	9C24035	8270C
Fluoranthene	29000	D02, H4,J	69000	990	ug/kg dry	10.0	04/02/09 21:22	JLG	9C24035	8270C
Indeno[1,2,3-cd]pyrene	5000	D02, H4,J	69000	1900	ug/kg dry	10.0	04/02/09 21:22	JLG	9C24035	8270C
Naphthalene	13000	D02, H4,J	69000	1100	ug/kg dry	10.0	04/02/09 21:22	JLG	9C24035	8270C
Phenanthrene	54000	D02, H4,J	69000	1400	ug/kg dry	10.0	04/02/09 21:22	JLG	9C24035	8270C
Pyrene	57000	D02, H4,J	69000	440	ug/kg dry	10.0	04/02/09 21:22	JLG	9C24035	8270C
Sample ID: RSB0930-10 (DRAFT: TP-7-D 1.25-5.5 - Solid)						**Sampled: 02/26/09 13:45**			**Recvd: 02/27/09 09:15**	
DRAFT: Semivolatile Organics by GC/MS										
2-Methylnaphthalene	1500	D02,J	2800	34	ug/kg dry	10.0	03/21/09 16:59	MKP	9C02039	8270C
Acenaphthene	2800	D02,J	2800	33	ug/kg dry	10.0	03/21/09 16:59	MKP	9C02039	8270C
Acenaphthylene	510	D02,J	2800	23	ug/kg dry	10.0	03/21/09 16:59	MKP	9C02039	8270C
Anthracene	7200	D02	2800	72	ug/kg dry	10.0	03/21/09 16:59	MKP	9C02039	8270C
Benzo[a]anthracene	15000	D02	2800	49	ug/kg dry	10.0	03/21/09 16:59	MKP	9C02039	8270C
Benzo[a]pyrene	12000	D02	2800	68	ug/kg dry	10.0	03/21/09 16:59	MKP	9C02039	8270C
Benzo[b]fluoranthene	14000	D02	2800	55	ug/kg dry	10.0	03/21/09 16:59	MKP	9C02039	8270C
Benzo[g,h,i]perylene	9600	D02	2800	34	ug/kg dry	10.0	03/21/09 16:59	MKP	9C02039	8270C
Benzo[k]fluoranthene	1400	D02,J	2800	31	ug/kg dry	10.0	03/21/09 16:59	MKP	9C02039	8270C
Biphenyl	400	D02,J	2800	180	ug/kg dry	10.0	03/21/09 16:59	MKP	9C02039	8270C
Carbazole	2200	D02,J	2800	33	ug/kg dry	10.0	03/21/09 16:59	MKP	9C02039	8270C
Chrysene	14000	D02	2800	28	ug/kg dry	10.0	03/21/09 16:59	MKP	9C02039	8270C
Dibenz[a,h]anthracene	2500	D02,J	2800	33	ug/kg dry	10.0	03/21/09 16:59	MKP	9C02039	8270C
Dibenzofuran	2300	D02,J	2800	29	ug/kg dry	10.0	03/21/09 16:59	MKP	9C02039	8270C
Fluoranthene	29000	D02	2800	41	ug/kg dry	10.0	03/21/09 16:59	MKP	9C02039	8270C
Fluorene	3800	D02	2800	65	ug/kg dry	10.0	03/21/09 16:59	MKP	9C02039	8270C
Indeno[1,2,3-cd]pyrene	8600	D02	2800	78	ug/kg dry	10.0	03/21/09 16:59	MKP	9C02039	8270C
Naphthalene	2100	D02,J, B	2800	47	ug/kg dry	10.0	03/21/09 16:59	MKP	9C02039	8270C
Phenanthrene	31000	D02	2800	59	ug/kg dry	10.0	03/21/09 16:59	MKP	9C02039	8270C
Pyrene	31000	D02	2800	18	ug/kg dry	10.0	03/21/09 16:59	MKP	9C02039	8270C
Sample ID: RSB0930-10RE1 (DRAFT: TP-7-D 1.25-5.5 - Solid)						**Sampled: 02/26/09 13:45**			**Recvd: 02/27/09 09:15**	
DRAFT: Semivolatile Organics by GC/MS										
Acenaphthene	3800	D02, H4,J	55000	650	ug/kg dry	10.0	04/02/09 21:45	JLG	9C24035	8270C
Acenaphthylene	2300	D02, H4,J	55000	450	ug/kg dry	10.0	04/02/09 21:45	JLG	9C24035	8270C
Anthracene	10000	D02, H4,J	55000	1400	ug/kg dry	10.0	04/02/09 21:45	JLG	9C24035	8270C
Benzo[a]anthracene	31000	D02, H4,J	55000	950	ug/kg dry	10.0	04/02/09 21:45	JLG	9C24035	8270C
Benzo[a]pyrene	22000	D02, H4,J	55000	1300	ug/kg dry	10.0	04/02/09 21:45	JLG	9C24035	8270C
Benzo[b]fluoranthene	36000	D02, H4,ID3, J	55000	1100	ug/kg dry	10.0	04/02/09 21:45	JLG	9C24035	8270C
Benzo[g,h,i]perylene	16000	D02, H4,J	55000	660	ug/kg dry	10.0	04/02/09 21:45	JLG	9C24035	8270C
Carbazole	2600	D02, H4,J	55000	640	ug/kg dry	10.0	04/02/09 21:45	JLG	9C24035	8270C
Chrysene	27000	D02, H4,J	55000	550	ug/kg dry	10.0	04/02/09 21:45	JLG	9C24035	8270C
Dibenz[a,h]anthracene	2400	D02, H4,J	55000	650	ug/kg dry	10.0	04/02/09 21:45	JLG	9C24035	8270C
Dibenzofuran	2800	D02, H4,J	55000	570	ug/kg dry	10.0	04/02/09 21:45	JLG	9C24035	8270C
Fluoranthene	63000	D02, H4	55000	800	ug/kg dry	10.0	04/02/09 21:45	JLG	9C24035	8270C

TVGA Consultants - Elma, NY
One Thousand Maple Road
Elma, NY 14059-0264

Work Order: RSB0930

Project: TVGA Consultants - ABC Paving
Project Number: NY4A9385

Received: 02/27/09
Reported: 04/07/09 17:16

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSB0930-10RE1 (DRAFT: TP-7-D 1.25-5.5 - Solid) - cont.						**Sampled: 02/26/09 13:45**			**Recvd: 02/27/09 09:15**	
DRAFT: Semivolatile Organics by GC/MS - cont.										
Fluorene	**5300**	D02, H4,J	55000	1300	ug/kg dry	10.0	04/02/09 21:45	JLG	9C24035	8270C
Indeno[1,2,3-cd]pyrene	**14000**	D02, H4,J	55000	1500	ug/kg dry	10.0	04/02/09 21:45	JLG	9C24035	8270C
Phenanthrene	**64000**	D02, H4	55000	1200	ug/kg dry	10.0	04/02/09 21:45	JLG	9C24035	8270C
Pyrene	**74000**	D02, H4	55000	360	ug/kg dry	10.0	04/02/09 21:45	JLG	9C24035	8270C
Sample ID: RSB0930-12 (DRAFT: TP-8-D 2-2.5 - Solid)						**Sampled: 02/26/09 14:20**			**Recvd: 02/27/09 09:15**	
DRAFT: Semivolatile Organics by GC/MS										
2-Methylnaphthalene	**1000**	D02,J	4200	51	ug/kg dry	10.0	03/21/09 17:22	MKP	9C02039	8270C
Acenaphthylene	**590**	D02,J	4200	34	ug/kg dry	10.0	03/21/09 17:22	MKP	9C02039	8270C
Anthracene	**410**	D02,J	4200	110	ug/kg dry	10.0	03/21/09 17:22	MKP	9C02039	8270C
Benzo[a]anthracene	**1700**	D02,J	4200	72	ug/kg dry	10.0	03/21/09 17:22	MKP	9C02039	8270C
Benzo[a]pyrene	**650**	D02,J	4200	100	ug/kg dry	10.0	03/21/09 17:22	MKP	9C02039	8270C
Benzo[b]fluoranthene	**1400**	D02,J	4200	81	ug/kg dry	10.0	03/21/09 17:22	MKP	9C02039	8270C
Benzo[g,h,i]perylene	**840**	D02,J	4200	50	ug/kg dry	10.0	03/21/09 17:22	MKP	9C02039	8270C
Chrysene	**1500**	D02,J	4200	42	ug/kg dry	10.0	03/21/09 17:22	MKP	9C02039	8270C
Dibenzofuran	**260**	D02,J	4200	44	ug/kg dry	10.0	03/21/09 17:22	MKP	9C02039	8270C
Fluoranthene	**3400**	D02,J	4200	61	ug/kg dry	10.0	03/21/09 17:22	MKP	9C02039	8270C
Fluorene	**330**	D02,J	4200	97	ug/kg dry	10.0	03/21/09 17:22	MKP	9C02039	8270C
Indeno[1,2,3-cd]pyrene	**660**	D02,J	4200	120	ug/kg dry	10.0	03/21/09 17:22	MKP	9C02039	8270C
Naphthalene	**2400**	D02,J, B	4200	70	ug/kg dry	10.0	03/21/09 17:22	MKP	9C02039	8270C
Phenanthrene	**8700**	D02	4200	88	ug/kg dry	10.0	03/21/09 17:22	MKP	9C02039	8270C
Pyrene	**6300**	D02	4200	27	ug/kg dry	10.0	03/21/09 17:22	MKP	9C02039	8270C
Sample ID: RSB0930-12RE1 (DRAFT: TP-8-D 2-2.5 - Solid)						**Sampled: 02/26/09 14:20**			**Recvd: 02/27/09 09:15**	
DRAFT: Semivolatile Organics by GC/MS										
2-Methylnaphthalene	**13000**	D02, H4,J	210000	2500	ug/kg dry	10.0	04/02/09 22:09	JLG	9C24035	8270C
Benzo[a]anthracene	**22000**	D02, H4,J	210000	3600	ug/kg dry	10.0	04/02/09 22:09	JLG	9C24035	8270C
Benzo[a]pyrene	**8200**	D02, H4,J	210000	5000	ug/kg dry	10.0	04/02/09 22:09	JLG	9C24035	8270C
Benzo[b]fluoranthene	**14000**	D02, H4,ID3, J	210000	4000	ug/kg dry	10.0	04/02/09 22:09	JLG	9C24035	8270C
Chrysene	**14000**	D02, H4,J	210000	2100	ug/kg dry	10.0	04/02/09 22:09	JLG	9C24035	8270C
Fluoranthene	**37000**	D02, H4,J	210000	3000	ug/kg dry	10.0	04/02/09 22:09	JLG	9C24035	8270C
Naphthalene	**43000**	D02, H4,J	210000	3500	ug/kg dry	10.0	04/02/09 22:09	JLG	9C24035	8270C
Phenanthrene	**90000**	D02, H4,J	210000	4400	ug/kg dry	10.0	04/02/09 22:09	JLG	9C24035	8270C
Pyrene	**59000**	D02, H4,J	210000	1300	ug/kg dry	10.0	04/02/09 22:09	JLG	9C24035	8270C
Sample ID: RSB0930-13 (DRAFT: SEEP-1 - Water)						**Sampled: 02/26/09 15:30**			**Recvd: 02/27/09 09:15**	
DRAFT: Semivolatile Organics by GC/MS										
4-Nitroaniline	**0.94**	J	12	0.54	ug/L	1.00	03/14/09 19:52	JLG	9C02003	8270C

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☑

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: TVGA Consultants	Project Manager: Dan Riker	Date: 2-27-09	Chain of Custody Number: 109913
Address: 1000 Maple Rd.	Telephone Number (Area Code)/Fax Number: 716-655-8842/0937	Lab Number:	Page 1 of 2
City: Elma / State: NY / Zip Code: 14059	Site Contact: J. Manzella	Lab Contact: R. VanDette	
Project Name and Location (State): ABC Paving West Seneca NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 48001353-1			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	No. of Containers	Analysis: TCL VOCs	TCL SVOCs	TCL PCB/Pest	TAL Metals	TCLP VOCs	TCLP SVOCs	TCLP Pest	TCLP Metals
TP-1-D0.75	2-26-09	845				X	X						4	X	X	X	X	(H)	(H)	(H)	(H)
TP-1-D5.0		900											4	X	X	X	X				
TP-2-D11.5		930											2	(H)	(H)	(H)	(H)				
TP-2-D55.5		945											4	X	X	X	X				
TP-3-D18		1045											4	X	X	X	X				
TP-4-D15		1200											2	(H)	(H)	(H)	(H)				
TP-5-D48		1230											4	(H)	(H)	(H)	(H)				
TP-6-D0.75-1.5		1300											4	X	X	X	X				
TP-7-D11.25		1330											4	X	X	X	X				
TP-7-D1.25-5.5		1345											4	X	X	X	X				
TP-8-D1.52		1410											4	(H)	(H)	(H)	(H)				
TP-8-D22.5		1420											4	X	X	X	X				

Special Instructions/ Conditions of Receipt

(H) = Hold analysis until client notification

Hold all TCLP until client notification

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☑ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: James C Myslik	2-27-09	9:15	1. Received By:	02-27-09	09:15
2. Relinquished By:			2. Received By:		
3. Relinquished By:			3. Received By:		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
TVGA Consultants	Dan Riker	2-27-09	109912
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 2**
1000 Maple Rd.	716-655-8542/0937		
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Elma / NY / 14059	J. Mondello		
Project Name and Location (State)	**Carrier/Waybill Number**		
ABC Paving West Seneca NY			
Contract/Purchase Order/Quote No.			
48001353-1			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: TCL VOCs	TCL SVOCs	TCL PCB/Pest	TAL Metals	Special Instructions/ Conditions of Receipt
SEEP-1	2-26-09	1530		X						X	X		7 X	X	X	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☑ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Jane C. Mondello	2-27-09		1. Received By	02-27-09	09:15
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

LIMITATIONS

LIMITATIONS

The conclusions presented in this report are based upon information gathered in accordance with the NYSDEC-approved January 29, 2009 Investigation Work Plan, and contracted by the Client using generally accepted professional consulting principles and practices. Information provided by outside sources (e.g., agencies, laboratories, consultants etc.), as cited herein, was used in the investigation of the site. The accuracy of the conclusions drawn from this investigation is, therefore, dependent upon the accuracy of information provided by these sources. Furthermore, TVGA is not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to the performance of services.

This report is based upon the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations. Professional judgments expressed herein are based upon the facts currently available within the limits of the existing data, scope of services, budget and schedule. To the extent that more definitive conclusions are desired by the Client than are warranted by the current available facts, it is specifically TVGA's intent that the conclusions and recommendations stated herein will be intended as guidance and not necessarily a firm course of action except where explicitly stated as such. TVGA makes no warranties, expressed or implied including without limitation, warranties as to merchantability or fitness of a particular purpose. Furthermore, the information provided in this report is not to be construed as legal advice. This Test Pit Investigation and related letter report have been conducted and prepared on behalf of and for the exclusive use of Mr. Richard Garman, and authorized parties thereof.