PEAK ENVIRONMENTAL LLC

26 Kennedy Boulevard, Suite A, East Brunswick, NJ 08816
[redacted]

October 18, 2018

Mr. Scott Loventhal
Ridgewood Dayton, LLC
820 Morris Turnpike, Suite 101
Short Hills, NJ 07078

Via Email to: [redacted]

Re: Stockpiled Soil Characterization Results
152 South Broad Street
Ridgewood, New Jersey
Project No. 1594:602

Dear Mr. Loventhal:

The following letter report presents the results of soil characterization sampling and analysis conducted by Peak Environmental LLC (Peak) related to the 152 South Broad Street site (Site) on behalf of Ridgewood Dayton, LLC.

PROJECT BACKGROUND

It is Peak's understanding that, following the completion of the remedial excavation and off-site disposal of the known areas of environmental concern (AOCs), redevelopment related excavations of soils encountered at deeper depths at the Site resulted in the generation of approximately 8,000 cubic yards (cys) of excess soil. Peak understands that the client needs analytical data to provide to prospective recipients of the soil so that it can be used as fill material at an offsite property.

Soil Characterization Sampling

Review of the New Jersey Department of Environmental Protection (NJDEP) Fill Material Guidance Document for 8,000 cubic yards of material calls for the collection of 21 samples by default, or 14 samples using a reduced sampling scheme with justification. As this property is in the NJDEP Site Remediation Program, and a Preliminary Assessment, Site Investigation, Remedial Investigation, and Remedial Actions have already been completed at the Site under the direction and oversight of a Licensed Site Remediation Professional (LSRP), Peak conducted the characterization sampling using the reduced sampling frequency as the history of the property is known.

On October 10, 2018, Peak arrived on site and noted that the 8,000 cys of material was comprised of two separate stockpiles, one at the north side of the property (estimated to be 4,500 cys) and one along the south side of the property (estimated to be 3,500 cys). The stockpiles consisted of soils excavated from each respective general area, and the northern pile included soils excavated from below the former building. Peak conducted the characterization sampling by directing your operator to excavate test pits at representative locations within the soil piles using a track mounted excavator. The test pit locations were offset to split each of the two stockpiles into roughly seven equal sections and were advanced throughout the vertical extent of the piles which extended up to 13' high.

Specifically, a total of seven test pits (identified as NTP-1 through NTP-7) were advanced within the northern soil pile and seven test pits (identified as STP-1 through STP-7) were advanced within the southern soil pile. The soils at each test pit location were screened in the field for Volatile Organic Compounds (VOCs) using a calibrated photoionization detector (PID), and visually inspected for texture and physical evidence of contaminants and/or historic fill. There were no PID responses within any of the test pit locations and no evidence of subsurface extraneous debris and/or solid waste, or historic fill material. No obvious visual or olfactory evidence of contamination was noted. The stockpiled soils were generally homogenous and consisted of brown coarse and medium sand with various amounts of fine gravel.

As there were no indications of impacts noted, the sample locations were selected randomly. As the Site was formerly used as an automotive dealership and the remediated AOCs included historic fill, the lab analysis included: Extractable Petroleum Hydrocarbons (EPH) on all 14 samples; TAL Metals and Polynuclear Aromatic Hydrocarbons (PAHs) on ten samples; Volatile Organic Compounds (VOCs) on five samples; and the full Target Compound List/Target Analyte List (TCL/TAL+30) analysis on four samples. The samples collected are summarized in the following table:

Field ID	Location	Sample Depth (ft. from top of pile)	Analytical Parameters
NTP-1A	Northern Soil Pile	1.5-2	EPH Cat-2, TCL/TAL+30
NTP-2A	Northern Soil Pile	0.5-1	EPH Cat-2, PAHs, Metals, VOCs
NTP-2B	Northern Soil Pile	4.5-5	EPH Cat-2, PAHs, Metals
NTP-3B	Northern Soil Pile	4-4.5	EPH Cat-2, PAHs, Metals
NTP-4B	Northern Soil Pile	4.5-5	EPH Cat-2, PAHs, Metals
NTP-6	Northern Soil Pile	4-4.5	EPH Cat-2, TCL/TAL+30
NTP-7	Northern Soil Pile	0-0.5	EPH Cat-2, PAHs, Metals, VOCs
STP-1B	Southern Soil Pile	3.5-4	EPH Cat-2, PAHs, Metals, VOCs
STP-2B	Southern Soil Pile	3.5-4	EPH Cat-2, PAHs, Metals
STP-3B	Southern Soil Pile	4-4.5	EPH Cat-2, PAHs, Metals
STP-4A	Southern Soil Pile	4-4.5	EPH Cat-2, PAHs, Metals, VOCs
STP-4B	Southern Soil Pile	1.5-2	EPH Cat-2, TCL/TAL+30
STP-5	Southern Soil Pile	3-3.5	EPH Cat-2, PAHs, Metals
STP-7	Southern Soil Pile	2-2.5	EPH Cat-2, TCL/TAL+30

PEAK ENVIRONMENTAL LLC

Results and Conclusions

The results of analysis, as presented on Tables 1, 2, and 3, did not indicate the presence of any target compounds above an applicable NJDEP Soil Remediation Standard. Exceedances of the NJDEP Default Impact to Groundwater Soil Screening Levels (IGWSSLs) were identified for Aluminum and Manganese; however, based on the NJDEP Guidance Document Frequently Asked Questions for the Impact to Ground Water Pathway in Soil Remediation Standards Version 1.0, 1/27/2011 (see below), no further action is necessary for these naturally occurring earth metals. The complete NJ Reduced Lab Report is included as **Attachment I**.

"Soil standards, by law, must be based on health considerations. The health based GWQS are used as the endpoint from which to back-calculate the IGWSRS. The GWQS Aluminum, Manganese, Silver and Zinc are secondary, that is they are not based on health considerations, but primarily on aesthetic considerations such as taste, odor and appearance. Additionally, these elements may be found as background contaminants. Therefore, the Department has decided that the IGW pathway does not need to be addressed for these contaminants unless there is cause to believe that their presence is due to a site discharge."

Based on our field observations and the results of analysis, the soil piles defined in this report meet the NJDEP Soil Remediation Standards and are suitable for use as clean fill. They have been shown to be uncontaminated pursuant to any applicable remediation standard and are free of contamination due to extraneous debris or solid waste. This report may be referenced as documentation of the quality of the fill. We recommend that when transporting this material from the site to its final destination, that bills of lading are used (and retained) to document the transfer of this soil to its final destination.

We appreciate the opportunity to provide you with professional services, and trust the foregoing information is suitable to meet your needs. We remain available to discuss any aspect of this project.

Sincerely,
Peak Environmental LLC

Robert M. Edgar, Partner

Joseph Romeo
Senior Project Manager

enc: Tables 1, 2, and 3
Attachment I - Laboratory Reduced Data Deliverables

[redacted]

Joyce Magro

From: Joseph DeNivo <[redacted]
Sent: Thursday, October 18, 2018 11:46 AM
To: Chris Rutishauser
Cc: Frank Semeraro Jr.; Scott Loventhal; [redacted]
Subject: Ridgewood - Dayton - Fill

Chris-

Hope all is well.

We are just waiting for the final letter from our environmental consultant, which I will get over to you as soon as I have them, but the soil stockpiles at the site have come back clean.

What's your availability for taking the soil, and how much do you actually need?

Best,

Joseph DeNivo
Garden Homes Development
Garden Commercial Properties
[redacted]
Mobile: [redacted]

CONSULTANTS, INC.
4405 South Clinton Avenue
South Plainfield, NJ 07080

Tel: [redacted]
Fax: [redacted]

NJ EDA Approved Testing Laboratory • MBE/DBE Certified • NJ DEP Certified [redacted]

Soil, Concrete, Masonry, Rebar, Asphalt, Structural Steel, Precast, Piles, Caissons, Fire-proofing, Roofing, Soil Boring, Concrete/Rock Coring, UST Removal, Environmental Testing & Reports

October 8, 2019

Village of Ridgewood
131 North Maple Avenue
Ridgewood, NJ 07450

Attn: Mr. Chris Rutishauser, P.E. CPWM

Re: "Clean Fill" Testing of Soil Sample-TAL/TCL Test
Soil sample marked as # ANS-5326-S1
Bergen Community College

Dear Mr. Rutishauser,

Enclosed, please find a laboratory test report for one composite soil sample prepared from 5-point grab samples on September 27, 2019 for the project referenced above. The primary purpose of the sampling and analytical work was to determine the presence of any hazardous contaminants in the soil.

Sample was analyzed for Target Compound List (TCL), Target Analyte List (TAL), Total Petroleum Hydrocarbon (TPHC- by EPH Method), pH, Chromium Hexavalent & Chromium Trivalent. Test results were reviewed against N.J. D.E.P. Residential, Non-Residential Direct Contact Soil Remediation Standard and Impact to Groundwater soil screening level criteria effective from September 18, 2017.

Contamination was not encountered exceeding NJDEP Residential and Non-Residential Standards in this sample.

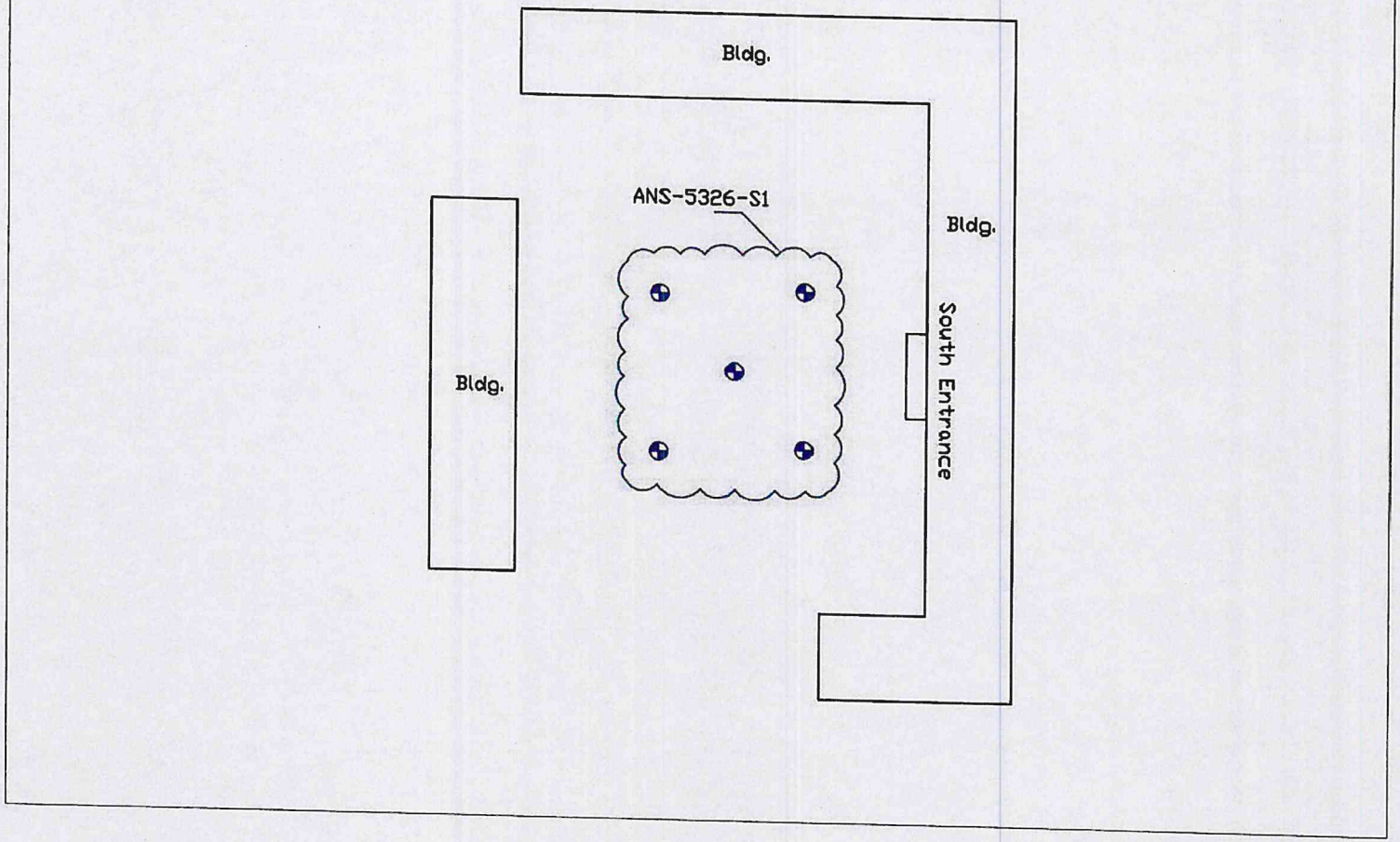
However, Aluminum, Manganese and Mercury exceeded Impact to Groundwater soil screening level criteria; but the Groundwater Quality Standards (GWQS) for Aluminum and Manganese are secondary, that is they are not based on health considerations. Additionally, these elements may be found as background contaminants. Therefore, Department does not require to address IGW pathway for these contaminants unless there is cause to believe that their presence is due to a site discharge.

Should you have any question or require additional information, please do not hesitate to contact the undersigned at [redacted]

Sincerely,
ANS CONSULTANTS, INC.

Atul N Shah, PE, F.ASCE
President
NJ PE License [redacted]
ANS/np

File: ANS-5326. TAL-TCL.01



SOIL BORING LOCATION PLAN

SCALE: N.T.S

LEGEND:

Soil Boring Location

CLIENT: Village of Ridgewood	
PROJECT: 131 North Maple Ave, Ridgewood, NJ	
ANS CONSULTANTS INC. 4405 SOUTH CLINTON AVE SO. PLAINFIELD, NJ, 07080	
PHONE: [redacted]	FAX: [redacted]
BY: Dharmin Parekh	DATE: 09/27/2019
	Project No: ANS-5326

Client: Village of Ridgewood
Project: Bergen Community College
Date:10/8/2019
File No: ANS-5326

Sample Collected: 9/27/2019

Work Order 9091335		NJDEP Soil Remediation Standards 2017						
Lab: Aqua Pro-Tech Laboratories		NJDEP Residential Direct Contact Standard 9/2017	NJDEP Non-Residential Direct Contact Standard 9/2017	NJDEP Impact To Ground Water Standard 11/2013	9091335-01			
Client: ANS Consultants - 131 North Maple Ave, Ridgewood, NY					ANS-5326-S1			
CAS#	Compound				09/27/2019 13:00			
Extractable Petroleum Hydrocarbons Category 2 (mg/kg)					Result	ualifi	MDL	RL
NJDEP-EPH2	Total EPH	NA	NA	NA	29.3		10.5	21.1
General Chemistry (mg/kg)					Result	ualifier		RL
18540-29-9	Chromium, Hexavalent	240	20	s spec.	0.423	U		0.423
57-12-5	Cyanide	47	680	20	0.263	U		0.263
General Chemistry (%)					Result	ualifi	MDL	RL
PERSOL	Percent Solids	NA	NA	NA	94.9			
General Chemistry (pH Units)					Result	ualifi	MDL	RL
	pH	NA	NA	NA	7.64		0.01	0.01
General Chemistry (mV)					Result	ualifier		RL
	Redox Potential	NA	NA	NA	164			-1000
PCBs (mg/kg)					Result	ualifi	MDL	RL
12674-11-2	Aroclor-1016	0.2	1	0.2	0.000619	U	0.000619	0.0348
11104-28-2	Aroclor-1221	0.2	1	0.2	0.00107	U	0.00107	0.0348
11141-16-5	Aroclor-1232	0.2	1	0.2	0.000819	U	0.000819	0.0348
53469-21-9	Aroclor-1242	0.2	1	0.2	0.00118	U	0.00118	0.0348
12672-29-6	Aroclor-1248	0.2	1	0.2	0.000815	U	0.000815	0.0348
11097-69-1	Aroclor-1254	0.2	1	0.2	0.00124	U	0.00124	0.0348
11096-82-5	Aroclor-1260	0.2	1	0.2	0.000917	U	0.000917	0.0348
37324-23-5	Aroclor-1262	0.2	1	0.2	0.00134	U	0.00134	0.0348
11100-14-4	Aroclor-1268	0.2	1	0.2	0.000703	U	0.000703	0.0348
1336-36-3	Total PCBs	0.2	1	0.2	0.000619	U	0.000619	0.0348
Pesticides (mg/kg)					Result	ualifi	MDL	RL
72-54-8	4,4'-DDD	3	13	4	0.0181		0.000829	0.00137
72-55-9	4,4'-DDE	2	9	18	0.158	D	0.00969	0.0137
50-29-3	4,4'-DDT [2C]	2	8	11	0.0102		0.000574	0.00137
309-00-2	Aldrin	0.04	0.2	0.2	0.00085	U	0.00085	0.00137
319-84-6	alpha-BHC	0.1	0.5	0.002	0.00053	U	0.00053	0.00137
319-85-7	beta-BHC	0.4	2	0.002	0.00135	U	0.00135	0.00137
57-74-9	Chlordane	0.2	1	0.05	0.00092	U	0.00092	0.00137
319-86-8	delta-BHC	NA	NA	NA	0.00106	U	0.00106	0.00137
60-57-1	Dieldrin	0.04	0.2	0.003	0.000737	U	0.000737	0.00137
959-98-8	Endosulfan I	470	6800	4	0.000948	U	0.000948	0.00137
33213-65-9	Endosulfan II	470	6800	4	0.000745	U	0.000745	0.00137
1031-07-8	Endosulfan sulfate	470	6800	2	0.000745	U	0.000745	0.00137
72-20-8	Endrin	23	340	1	0.000703	U	0.000703	0.00137
7421-93-4	Endrin aldehyde	NA	NA	NA	0.000585	U	0.000585	0.00137
53494-70-5	Endrin ketone	NA	NA	NA	0.000835	U	0.000835	0.00137
58-89-9	gamma-BHC (Lindane)	0.4	2	0.002	0.000626	U	0.000626	0.00137
76-44-8	Heptachlor	0.1	0.7	0.5	0.000801	U	0.000801	0.00137
1024-57-3	Heptachlor Epoxide	0.07	0.3	0.01	0.000856	U	0.000856	0.00137
72-43-5	Methoxychlor	390	5700	160	0.000871	U	0.000871	0.00137
8001-35-2	Toxaphene	0.6	3	0.3	0.0213	U	0.0213	0.0695
Semivolatile Organics - GC/MS (mg/kg)					Result	ualifi	MDL	RL
58-90-2	2,3,4,6-Tetrachlorophenol	NA	NA	NA	0.0216	U	0.0216	0.14
95-95-4	2,4,5-Trichlorophenol	6100	68000	68	0.0191	U	0.0191	0.14
88-06-2	2,4,6-Trichlorophenol	19	74	0.2	0.00878	U	0.00878	0.14
120-83-2	2,4-Dichlorophenol	180	2100	0.2	0.0141	U	0.0141	0.14
105-67-9	2,4-Dimethylphenol	1200	14000	1	0.0138	U	0.0138	0.14
51-28-5	2,4-Dinitrophenol	120	1400	0.3	0.0202	U	0.0202	0.703
121-14-2	2,4-Dinitrotoluene	0.7	3	0.2	0.015	U	0.015	0.14
606-20-2	2,6-Dinitrotoluene	0.7	3	0.2	0.0335	U	0.0335	0.14
91-58-7	2-Chloronaphthalene	NA	NA	NA	0.0161	U	0.0161	0.14
95-57-8	2-Chlorophenol	310	2200	0.8	0.0185	U	0.0185	0.14
91-57-6	2-Methylnaphthalene	230	2400	8	0.0336	U	0.0336	0.211
95-48-7	2-Methylphenol	310	3400	NA	0.0277	U	0.0277	0.14
88-74-4	2-Nitroaniline	39	23000	NA	0.0113	U	0.0113	0.14

Client: Village of Ridgewood
Project: Bergen Community College
Date:10/8/2019
File No: ANS-5326

Sample Collected: 9/27/2019

Work Order 9091335		NJDEP Soil Remediation Standards 2017						
Lab: Aqua Pro-Tech Laboratories		NJDEP Residential Direct Contact Standard 9/2017	NJDEP Non-Residential Direct Contact Standard 9/2017	NJDEP Impact To Ground Water Standard 11/2013	9091335-01			
Client: ANS Consultants - 131 North Maple Ave, Ridgewood, NY					ANS-5326-S1			
CAS#	Compound				09/27/2019 13:00			
88-75-5	2-Nitrophenol	NA	NA	NA	0.0156	U	0.0156	0.14
91-94-1	3,3'-Dichlorobenzidine	1	4	0.2	0.0147	U	0.0147	0.14
106-44-5	3+4-Methylphenol	31	340	NA	0.0257	U	0.0257	0.14
99-09-2	3-Nitroaniline	NA	NA	NA	0.026	U	0.026	0.14
534-52-1	4,6-Dinitro-2-methylphenol	6	68	0.3	0.0264	U	0.0264	0.351
101-55-3	4-Bromophenyl-phenyl ether	NA	NA	NA	0.02	U	0.02	0.14
59-50-7	4-Chloro-3-methylphenol	NA	NA	NA	0.0221	U	0.0221	0.14
106-47-8	4-Chloroaniline	NA	NA	NA	0.00491	U	0.00491	0.14
7005-72-3	4-Chlorophenyl phenyl ether	NA	NA	NA	0.00757	U	0.00757	0.14
100-01-6	4-Nitroaniline	NA	NA	NA	0.0702	U	0.0702	0.14
100-02-7	4-Nitrophenol	NA	NA	NA	0.00898	U	0.00898	0.14
83-32-9	Acenaphthene	3400	37000	110	0.008	U	0.008	0.14
208-96-8	Acenaphthylene	NA	300000	NA	0.00488	U	0.00488	0.14
98-86-2	Acetophenone	2	5	3	0.0139	U	0.0139	0.14
120-12-7	Anthracene	17000	30000	2400	0.0203	U	0.0203	0.14
1912-24-9	Atrazine	210	2400	0.2	0.0132	U	0.0132	0.14
100-52-7	Benzaldehyde	6100	68000	NA	0.0431	U	0.0431	0.14
56-55-3	Benzo(a)anthracene	5	17	0.8	0.0141	U	0.0141	0.14
50-32-8	Benzo(a)pyrene	0.5	2	0.2	0.0244	U	0.0244	0.14
205-99-2	Benzo(b)fluoranthene	5	17	2	0.0197	U	0.0197	0.14
191-24-2	Benzo(g,h,i)perylene	380000	30000	NA	0.0114	U	0.0114	0.14
207-08-9	Benzo(k)fluoranthene	45	170	25	0.0161	U	0.0161	0.14
92-52-4	Biphenyl	61	240	140	0.0123	U	0.0123	0.14
111-91-1	bis(2-chloroethoxy)methane	NA	NA	NA	0.0194	U	0.0194	0.14
111-44-4	bis(2-chloroethyl)ether	0.4	2	0.2	0.0154	U	0.0154	0.14
108-60-1	bis(2-chloroisopropyl)ether	23	67	5	0.0505	U	0.0505	0.14
117-81-7	bis(2-ethylhexyl)phthalate	35	140	1200	0.028	U	0.028	0.14
85-68-7	Butylbenzylphthalate	1200	14000	230	0.0127	U	0.0127	0.14
105-60-2	Caprolactam	31000	340000	12	0.0181	U	0.0181	0.14
86-74-8	Carbazole	24	96	NA	0.027	U	0.027	0.351
218-01-9	Chrysene	450	1700	80	0.00961	U	0.00961	0.14
53-70-3	Dibenzo(a,h)anthracene	0.5	2	0.8	0.0139	U	0.0139	0.14
132-64-9	Dibenzofuran	NA	NA	NA	0.00835	U	0.00835	0.14
84-66-2	Diethylphthalate	49000	550000	88	0.0272	U	0.0272	0.14
131-11-3	Dimethylphthalate	NA	NA	NA	0.0087	U	0.0087	0.14
84-74-2	Di-n-butylphthalate	6100	68000	760	0.0573	U	0.0573	0.14
117-84-0	Di-n-octylphthalate	2400	27000	3300	0.0288	U	0.0288	0.14
206-44-0	Fluoranthene	2300	24000	1300	0.0132	U	0.0132	0.14
86-73-7	Fluorene	2300	24000	170	0.0117	U	0.0117	0.14
118-74-1	Hexachlorobenzene	0.3	1	0.2	0.0183	U	0.0183	0.14
87-68-3	Hexachlorobutadiene	6	25	0.9	0.0673	U	0.0673	0.14
77-47-4	Hexachlorocyclopentadiene	45	110	320	0.0585	U	0.0585	0.351
67-72-1	Hexachloroethane	12	48	0.2	0.0154	U	0.0154	0.14
193-39-5	Indeno(1,2,3-cd)pyrene	5	17	7	0.0151	U	0.0151	0.14
78-59-1	Isophorone	510	2000	0.2	0.00919	U	0.00919	0.14
91-20-3	Naphthalene	6	17	25	0.0104	U	0.0104	0.14
98-95-3	Nitrobenzene	5	14	0.2	0.0238	U	0.0238	0.14
621-64-7	n-Nitroso-di-n-propylamine	0.2	0.3	0.2	0.00751	U	0.00751	0.14
86-30-6	n-Nitrosodiphenylamine	99	390	0.4	0.0299	U	0.0299	0.14
87-86-5	Pentachlorophenol	0.9	3	0.3	0.0193	U	0.0193	0.351
85-01-8	Phenanthrene	NA	300000	NA	0.0184	U	0.0184	0.14
108-95-2	Phenol	18000	210000	8	0.0114	U	0.0114	0.14
129-00-0	Pyrene	1700	18000	840	0.0103	U	0.0103	0.14
000123-95-5	Octadecanoic acid, butyl ester				**13.2**	J		
	unknown (01)				**16.5**	J		
	unknown (02)				**0.544**	J		
NA	Tentatively Identified Compounds				**30.2**	J		

Client: Village of Ridgewood
Project: Bergen Community College
Date:10/8/2019
File No: ANS-5326

Sample Collected: 9/27/2019

Work Order 9091335		NJDEP Soil Remediation Standards 2017						
Lab: Aqua Pro-Tech Laboratories		NJDEP Residential Direct Contact Standard 9/2017	NJDEP Non-Residential Direct Contact Standard 9/2017	NJDEP Impact To Ground Water Standard 11/2013	9091335-01			
Client: ANS Consultants - 131 North Maple Ave, Ridgewood, NY					ANS-5326-S1			
CAS#	Compound				09/27/2019 13:00			
Total Metals (mg/kg)					Result	ualifier		RL
7429-90-5	Aluminum	78000	NA	6000	**7610**			2.74
7440-36-0	Antimony	31	450	6	1.37	U		1.37
7440-38-2	Arsenic	19	19	19	4.06			0.549
7440-39-3	Barium	16000	59000	2100	51.6			0.549
7440-41-7	Beryllium	16	140	0.7	0.235			0.0274
7440-43-9	Cadmium	78	78	2	0.274	U		0.274
7440-70-2	Calcium	NA	NA	NA	3370			27.4
7440-47-3	Chromium	120000	NA	s spec.	15.0			0.274
7440-48-4	Cobalt	1600	590	90	4.28			0.219
7440-50-8	Copper	3100	45000	11000	12.3			0.274
7439-89-6	Iron	NA	NA	NA	10600			5.49
7439-92-1	Lead	400	800	90	24.1			1.37
7439-95-4	Magnesium	NA	NA	NA	2270			54.9
7439-96-5	Manganese	11000	5900	65	**175**			0.274
7439-97-6	Mercury	23	65	0.1	**0.615**			0.0516
7440-02-0	Nickel	1600	23000	48	8.42			0.137
7440-09-7	Potassium	NA	NA	NA	1350			110
7782-49-2	Selenium	390	5700	11	1.37	U		1.37
7440-22-4	Silver	390	5700	1	0.549	U		0.549
7440-23-5	Sodium	NA	NA	NA	103			54.9
7440-28-0	Thallium	NA	NA	3	1.37	U		1.37
7440-62-2	Vanadium	78	1100	NA	18.0			0.549
7440-66-6	Zinc	23000	110000	930	36.8			0.823
Volatile Organics - GC/MS (mg/kg)					Result	ualifi	MDL	RL
71-55-6	1,1,1-Trichloroethane	160000	NA	0.3	0.00029	U	0.00029	0.00199
79-34-5	1,1,2,2-Tetrachloroethane	1	3	0.007	0.000274	U	0.000274	0.00199
76-13-1	1,1,2-Trichloro-1,2,2 Trifluoroethane	NA	NA	NA	0.000851	U	0.000851	0.00199
79-00-5	1,1,2-Trichloroethane	2	6	0.02	0.000335	U	0.000335	0.00199
75-34-3	1,1-Dichloroethane	8	24	0.2	0.00029	U	0.00029	0.00199
75-35-4	1,1-Dichloroethene	11	150	0.008	0.000368	U	0.000368	0.00199
87-61-6	1,2,3-Trichlorobenzene	NA	NA	NA	0.000429	U	0.000429	0.00199
120-82-1	1,2,4-Trichlorobenzene	73	820	0.7	0.00053	U	0.00053	0.00199
95-63-6	1,2,4-Trimethylbenzene	NA	NA	NA	0.000274	U	0.000274	0.00199
96-12-8	1,2-Dibromo-3-chloropropane	0.08	0.2	0.005	0.000485	U	0.000485	0.00497
106-93-4	1,2-Dibromoethane	0.008	0.04	0.005	0.00025	U	0.00025	0.00199
95-50-1	1,2-Dichlorobenzene	5300	59000	17	0.000351	U	0.000351	0.00199
107-06-2	1,2-Dichloroethane	0.9	3	0.005	0.00028	U	0.00028	0.00199
78-87-5	1,2-Dichloropropane	2	5	0.005	0.000326	U	0.000326	0.00199
541-73-1	1,3-Dichlorobenzene	5300	59000	19	0.000146	U	0.000146	0.00199
106-46-7	1,4-Dichlorobenzene	5	13	2	0.000286	U	0.000286	0.00199
78-93-3	2-Butanone	3100	44000	0.9	0.000324	U	0.000324	0.00497
591-78-6	2-Hexanone	NA	NA	NA	0.000186	U	0.000186	0.00199
108-10-1	4-Methyl-2-pentanone	NA	NA	NA	0.000248	U	0.000248	0.00199
67-64-1	Acetone	70000	NA	19	0.000602	U	0.000602	0.00497
71-43-2	Benzene	2	5	0.005	0.000181	U	0.000181	0.00199
74-97-5	Bromochloromethane	NA	NA	NA	0.000367	U	0.000367	0.00199
75-27-4	Bromodichloromethane	1	3	0.005	0.000249	U	0.000249	0.00199
75-25-2	Bromoform	81	280	0.03	0.000349	U	0.000349	0.00199
74-83-9	Bromomethane	25	59	0.04	0.000573	U	0.000573	0.00199
75-15-0	Carbon disulfide	7800	110000	6	0.000285	U	0.000285	0.00199
56-23-5	Carbon Tetrachloride	2	4	0.005	0.000299	U	0.000299	0.00199
108-90-7	Chlorobenzene	510	7400	0.6	0.000288	U	0.000288	0.00199
124-48-1	Chlorodibromomethane	3	8	0.005	0.000244	U	0.000244	0.00199
75-00-3	Chloroethane	220	1100	NA	0.000339	U	0.000339	0.00199
67-66-3	Chloroform	0.6	2	0.4	0.000334	U	0.000334	0.00199
74-87-3	Chloromethane	4	12	NA	0.000765	U	0.000765	0.00199

Client: Village of Ridgewood
Project: Bergen Community College
Date:10/8/2019
File No: ANS-5326

Sample Collected: 9/27/2019

Work Order 9091335		NJDEP Soil Remediation Standards 2017						
Lab: Aqua Pro-Tech Laboratories		NJDEP Residential Direct Contact Standard 9/2017	NJDEP Non-Residential Direct Contact Standard 9/2017	NJDEP Impact To Ground Water Standard 11/2013	9091335-01			
Client: ANS Consultants - 131 North Maple Ave, Ridgewood, NY					ANS-5326-S1			
CAS#	Compound				09/27/2019 13:00			
156-59-2	cis-1,2-Dichloroethene	230	560	0.3	0.0000961	U	0.0000961	0.00199
10061-01-5	cis-1,3-Dichloropropene	2	7	0.005	0.000251	U	0.000251	0.00199
110-82-7	Cyclohexane	NA	NA	NA	0.00044	U	0.00044	0.00199
75-71-8	Dichlorodifluoromethane	490	230000	39	0.000671	U	0.000671	0.00199
100-41-4	EthylBenzene	7800	110000	13	0.000269	U	0.000269	0.00199
98-82-8	Isopropylbenzene	NA	NA	NA	0.000312	U	0.000312	0.00199
179601-23-1	m+p-Xylenes	12000	170000	19	0.000502	U	0.000502	0.00398
79-20-9	Methyl Acetate	78000	NA	22	0.000263	U	0.000263	0.00199
1634-04-4	Methyl tert-Butyl Ether	110	320	0.2	0.000336	U	0.000336	0.00199
108-87-2	Methylcyclohexane	NA	NA	NA	0.00032	U	0.00032	0.00199
75-09-2	Methylene Chloride	46	230	0.01	0.000597	U	0.000597	0.00199
95-47-6	o-Xylene	12000	170000	19	0.000255	U	0.000255	0.00199
100-42-5	Styrene	90	260	3	0.000284	U	0.000284	0.00199
75-65-0	tert-Butyl alcohol	1400	11000	0.3	0.00417	U	0.00417	0.0199
127-18-4	Tetrachloroethene	43	1500	0.005	0.000197	U	0.000197	0.00199
108-88-3	Toluene	6300	91000	7	0.00016	U	0.00016	0.00199
1330-20-7	Total Xylenes	12000	170000	19	0.000255	U	0.000255	0.00199
156-60-5	trans-1,2-Dichloroethene	300	720	0.6	0.000269	U	0.000269	0.00199
10061-02-6	trans-1,3-Dichloropropene	2	7	0.005	0.00038	U	0.00038	0.00199
79-01-6	Trichloroethene	3	10	0.01	0.000292	U	0.000292	0.00199
75-69-4	Trichlorofluoromethane	23000	340000	34	0.000229	U	0.000229	0.00199
75-01-4	Vinyl chloride	0.7	2	0.005	0.000378	U	0.000378	0.00199
NA	Tentatively Identified Compounds				0.00	J		

Main Footnotes:
Standards listed are based upon APL's interpretation of the published documents.
APL assumes no liability for the interpretation and/or accuracy of the standards.

Qualifiers:
U - Indicates compound analyzed for but not detected
J - Indicates estimated value for TICs and all results when detected below the RL
D - Indicates result is based on a dilution
E - Concentration exceeds highest calibration standard
B - Indicates compound found in associated blank
H - Indicates a Hold Time violation
P - Indicates a Greater than 25% diff. between 2 GC columns.

APL 9091335

CHAIN OF CUSTODY

CLIENT: ANS Consultants

ADDRESS: 4405 South Clinton Ave.
South Plainfield, NJ 07080

PHONE: [redacted]

E-MAIL: [redacted]

PROJECT NAME: 131 North Maple Ave Ridgewood NY

PROJECT MGR: MR. ATUL SHAH, PE

PROJECT or PO #: ANS-5326

SEND REPORT TO:

ADDRESS: 4405 South Clinton Ave.
South Plainfield, NJ 07080

PHONE: [redacted]

FAX: [redacted]

SEND INVOICE TO: MR. ATUL SHAH, PE

ADDRESS: Same as above

SAMPLED BY: Serge

TEL: [redacted]
FAX: [redacted]

CONTAMINATION LEVEL
I HIGH I I MEDIUM I I LOW

Client: Village of Ridgewood

TURN-AROUND TIME
APL STANDARD 2 weeks
RUSH (choose one below)
- ☐ 24 hr. date & time required
- ☐ 48 hr. date & time required
- ☐ 72 hr. date & time required
- ☒ 1 week

REPORT FORMAT
- X RESULTS ONLY
- NJ DEP REDUCED
- NJ DEP FULL
- STATEFORMS/E2REPORTING

ELECTRONIC FORMAT
- I X I EMAIL DELIVERY
- I I HAZSITE EDO
- I X I EXCEL

PWSID# SRP#

Intermediate Reduced Deliverables

MATRIX ABBREVIATIONS: D - DRINKING WATER G - GROUNDWATER W - WASTEWATER S - SOIL SL - SLUDGE C - CONCRETE L - LAKE

APL Lab ID#	Sample Source: Field ID	Date	Time	Sample Type: GRAB	Sample Type: COMPT	Matrix	No. of Bottles	Preservative	Analysis Requested
9091335-01	ANS-5326-S1	09/27/2019	1:00 pm		X	S	2, 8 oz. bottles & 3 Encores		TAL/TCL, pH, EPH, Chromium Hex. and Chromium Tri.

RELINQUISHED BY (Print) Sherman
Signature S Reilly
DATE 9-27-19
Time 3:30
RELINQUISHED BY (Print)
Signature
DATE 9/27/19
Time 6:00
RELINQUISHED BY (Print)
Signature
DATE
Time

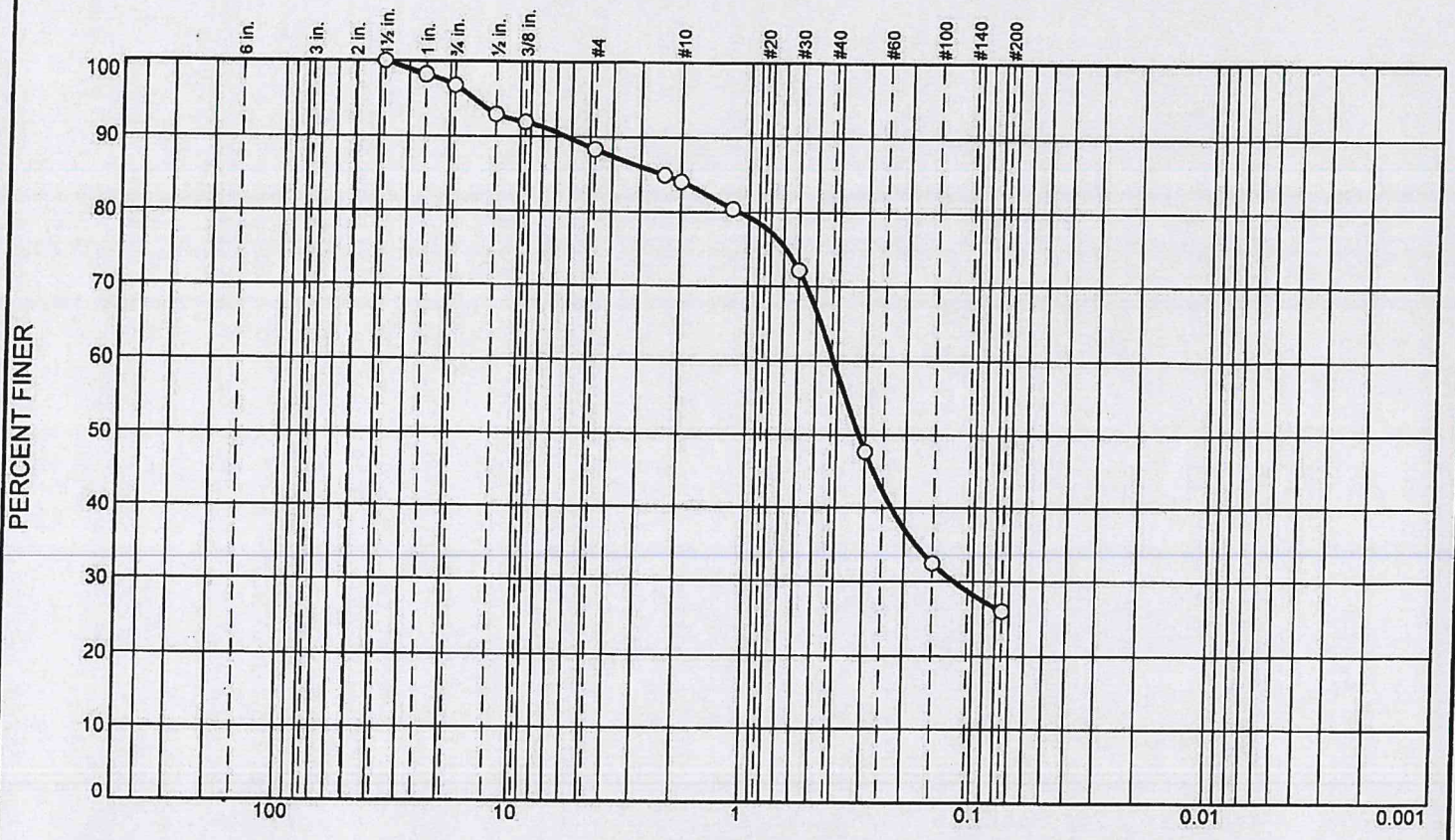
COMMENTS/SPECIAL INSTRUCTIONS

RECEIVED BY (Print)
Signature
RECEIVED BY (Print)
Signature
RECEIVED BY (Print)
Signature

Cooler Temp. upon receipt at lab 4

CERTIFICATIONS: NELAP (National Environmental Laboratory Accredation Program) NJDEP #07010 PADEP #68-02903 NYDOH #11634 CTPH #0233 US ARMY
By signing this Chain of Custody Agreement, customer expressly agrees to pay APL for all charges, reasonably incurred in connection with analysis and reporting for these samples

Particle Size Distribution Report As per ASTM D 422



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	3.2	8.5	4.2	23.5	34.6	26.0	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1.5	100.0		
1	98.2		
3/4	96.8		
1/2	93.0		
3/8	91.9		
#4	88.3		
#8	84.9		
#10	84.1		
#16	80.4		
#30	72.2		
#50	47.6		
#100	32.5		
#200	26.0		

* (no specification provided)

Material Description

Brown in color. silty sand

Atterberg Limits

PL= NP LL= NV PI= NP

Coefficients

D_{90}= 6.3186 D_{85}= 2.3965 D_{60}= 0.4181
D_{50}= 0.3212 D_{30}= 0.1213 D_{15}=
D_{10}= C_u= C_c=

Classification

USCS= SM AASHTO= A-2-4(0)

Remarks

Sample was collected by Mr. Sergy on 09/26/19 and tested on 09/30/19. In-Situ %MC=4.5
F.M.=2.05

Source of Sample: On-Site material
Sample Number: S-1

Date: 09/30/2019

ANS CONSULTANTS, INC.

South Plainfield, New Jersey

Client: Village of Ridgewood
Project: 131 North Maple Avenue, Ridgewood, NJ
Project No: ANS-5326 **Figure 1 F 1**

Proposal

FULLY INSURED-YEAR ROUND SERVICE
REMOVALS-PRUNING
SPRAYING AND FIREWOOD

65 ROYAL AVE • HAWTHORNE, N.J. 07506
[redacted]

DOWNES
TREE SERVICE INC.

Phone: [redacted]
Fax: [redacted]
Fax:

PROPOSAL SUBMITTED TO	PHONE	DATE
VILLAGE OF RIDGEWOOD	201-693-6754	10/7/2019
STREET	**JOB NAME**	
131 NORTH MAPLE AVE	SCHEDLER PROPERTY	
CITY, STATE AND ZIP CODE	**JOB LOCATION**	
RIDGEWOOD, NJ	460 WEST SADDLE RIVER RD., RIDGEWOOD	
CONTACT	**FAX**	
ATTN: CHRIS RUTISHAUSER		

We hereby submit specifications and estimates for:

Hydroseeding of approximately 1150' linear feet berm.

$4195.00

Please note:

- Priced as prevailing wage.
- Village of Ridgewood is responsible for berm preparation and completion.
- Access to berm can not be limited.
- Work must be completed by October 15, weather permitting, for Downes to guarantee germination.

We Propose hereby to furnish material and labor-complete in accordance with above specifications, for the sum of:

_____ dollars ($ _____).

Payment to be made as follows:

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate.
All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmens Compensation Insurance.

Authorized Signature *Kevin Downes*

Note : This proposal may be withdrawn by us if not accepted within 30 days

Acceptance of Proposal- The above prices, specifications and conditions are satisfactory and herby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance: _____

Signature _____

Signature _____

Joyce Magro

From: Chris Rutishauser
Sent: Thursday, January 10, 2019 4:13 PM
To: Jacqueline Luthcke; William Amoruso; Forest Lyons
Cc: Heather Mailander
Subject: Schedler Park, 460 West Saddle River Road

Tracking:

Recipient	Delivery
Jacqueline Luthcke	Delivered: 1/10/2019 4:13 PM
William Amoruso	Delivered: 1/10/2019 4:13 PM
Forest Lyons	Delivered: 1/10/2019 4:13 PM
Heather Mailander	Delivered: 1/10/2019 4:13 PM

Please be advised that the contractor the Village has been getting free soil from for the proposed construction at the subject location will be running trucks of material to the site on Friday, January 11, 2019 and Saturday, January 12, 2019. They will also have an excavator working at the site.

If you have any questions, please feel free to email me.

Thank you,

Chris Rutishauser, P.E.
Director of Public Works/Village Engineer
131 North Maple Avenue
Ridgewood, New Jersey 07450
(201) 670-5500, extension 239