

Table 3
Stockpile/Reuse Material Sample Results
Final Engineering Report
Review Avenue Sites
Queens, New York

Client ID	NY 375-6.8(b)	RADI-1	RADI-2	RADI-C1	RADI-C1								
Lab Sample ID	& CP-51 T-1	460-95819-1	460-95819-2	460-95819-3	460-95819-3								
Sampling Date	Restricted Residential	6/3/2015 11:50	6/3/2015 12:00	6/3/2015 12:10	6/3/2015 12:10								
Matrix	Soil Cleanup	Soil	Soil	Soil	Soil								
Dilution Factor	Criteria	1	1	5/1									
		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Secondary	Q	MDL
VOA SOIL BY 8260C													
1,1,1-Trichloroethane	100	0.00047 U	0.00047		0.0007 U	0.0007							
1,1-Dichloroethane	26	0.00042 U	0.00042		0.00062 U	0.00062							
1,1-Dichloroethene	100	0.00051 U	0.00051		0.00075 U	0.00075							
1,2,4-Trimethylbenzene	52	0.00042 U	0.00042		0.00062 U	0.00062							
1,2-Dichlorobenzene	100	0.00017 U	0.00017		0.00026 U	0.00026							
1,2-Dichloroethane	3.1	0.00014 U	0.00014		0.0002 U	0.0002							
1,2-Dichloroethene, Total	NA	0.0035	0.0007		0.001 U	0.001							
1,3,5-Trimethylbenzene	NA	0.00062 J	0.00016		0.00024 U	0.00024							
1,3-Dichlorobenzene	49	0.00015 U	0.00015		0.00022 U	0.00022							
1,4-Dichlorobenzene	13	0.00016 U	0.00016		0.00024 U	0.00024							
1,4-Dioxane	13	0.0079 U	0.0079		0.012 U	0.012							
Acetone	100	0.0013 U	0.0013		0.0019 U	0.0019							
Benzene	4.8	0.00031 J	0.00025		0.00037 U	0.00037							
Butylbenzene	100	0.00026 U	0.00026		0.00038 U	0.00038							
Carbon tetrachloride	2.4	0.00053 U	0.00053		0.00079 U	0.00079							
Chlorobenzene	100	0.00017 U	0.00017		0.00026 U	0.00026							
Chloroform	49	0.00026 U	0.00026		0.00038 U	0.00038							
cis-1,2-Dichloroethene	100	0.0035	0.00027		0.0004 U	0.0004							
Ethylbenzene	41	0.00022 U	0.00022		0.00033 U	0.00033							
Methyl ethyl ketone (MEK)	NA	0.00095 U	0.00095		0.0014 U	0.0014							
Methyl tert-butyl ether	100	0.00021 U	0.00021		0.00031 U	0.00031							
Methylene Chloride	100	0.00039 U	0.00039		0.00059 U	0.00059							
N-Propylbenzene	100	0.00028 J	0.00022		0.00033 U	0.00033							
sec-Butylbenzene	100	0.00021 U	0.00021		0.00031 U	0.00031							
tert-Butylbenzene	100	0.00042 U	0.00042		0.00062 U	0.00062							
Tetrachloroethene	19	0.0024	0.00035		0.00051 U	0.00051							
Toluene	100	0.00024 J	0.00023		0.00035 U	0.00035							
trans-1,2-Dichloroethene	100	0.00048 U	0.00048		0.00071 U	0.00071							
Trichloroethene	21	0.0055	0.00032		0.00048 U	0.00048							
Vinyl chloride	0.9	0.00048 U	0.00048		0.00071 U	0.00071							
Xylenes, Total	100	0.00014 U	0.00014		0.0002 U	0.0002							
Total Conc	NA	0.01635			0								
SVOA SOIL BY 8270D					Dilution=5								

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Dilution Factor	Criteria	1	1	5/1					
		<i>Result</i>	<i>Q MDL</i>	<i>Result</i>	<i>Q MDL</i>	<i>Result</i>	<i>Q MDL</i>	<i>Secondary</i>	<i>Q MDL</i>
Acenaphthene	100					0.058 J	0.047		
Acenaphthylene	100					0.074 J	0.05		
Anthracene	100					0.22 J	0.19		
Benzo[a]anthracene	1					<u>2.1</u>	0.16		
Benzo[a]pyrene	1					<u>2</u> *	0.059		
Benzo[b]fluoranthene	1					<u>2.6</u> *	0.076		
Benzo[g,h,i]perylene	100					1.3 J	0.11		
Benzo[k]fluoranthene	3.9					0.64	0.085		
Chrysene	3.9					3.9	0.053		
Cresol, o-	100					0.085 U	0.085		
Dibenz(a,h)anthracene	0.33					0.53	0.1		
Dibenzofuran	59					0.059 U	0.059		
Fluoranthene	100					1.7 J	0.058		
Fluorene	100					0.061 J	0.043		
Hexachlorobenzene	1.2					0.079 U	0.079		
Indeno[1,2,3-cd]pyrene	0.5					<u>0.72</u>	0.13		
m & p - Cresol	NA					0.052 U	0.052		
Naphthalene	100					0.16 J	0.05		
Pentachlorophenol	6.7					0.24 U	0.24		
Phenanthrene	100					0.94 J	0.052		
Phenol	100					0.064 U	0.064		
Pyrene	100					4.9	0.089		
Total Conc	NA					21.903			
GSVOA SOIL BY 8081B						Dilution=1			
4,4'-DDD	13					0.001 U	0.001		
4,4'-DDE	8.9					0.0011 U	0.001		
4,4'-DDT	7.9					0.00082 U	8E-04		
Aldrin	0.097					0.00096 U	1E-03		
alpha-BHC	0.48					0.00072 U	7E-04		
beta-BHC	0.36					0.00077 U	8E-04		
Chlordane (technical)	NA					0.035 U	0.035		
delta-BHC	100					0.00086 U	9E-04		
Dieldrin	0.2					0.001 U	0.001		
Endosulfan I	24					0.0011 U	0.001		

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Dilution Factor	Criteria	1	1	5/1					
		<i>Result</i>	<i>Q MDL</i>	<i>Result</i>	<i>Q MDL</i>	<i>Result</i>	<i>Q MDL</i>	<i>Secondary</i>	<i>Q MDL</i>
Endosulfan II	24			0.0012 U	0.001				
Endosulfan sulfate	24			0.00092 U	9E-04				
Endrin	11			0.001 U	0.001				
gamma-BHC (Lindane)	1.3			0.00071 U	7E-04				
Heptachlor	2.1			0.001 U	0.001				
GCSVOA SOIL BY 8082A									
Total PCBs				No Detections					
GCSVOA SOIL BY 8151A									
Silvex (2,4,5-TP)	100			0.014 U	0.014				
METALS SOIL BY 6010C									
Arsenic	16			26.2	0.96				
Barium	400			120	1.4				
Beryllium	72			0.33 U	0.33				
Cadmium	4.3			0.41 U	0.41				
Copper	270			80.8	1.3				
Lead	400			301	0.76				
Manganese	2000			104	1				
Nickel	310			10.9	1.4				
Selenium	180			1.3 U	1.3				
Silver	180			0.34 U	0.34				
Zinc	10000			132	1.4				
SOIL BY 7471A									
Mercury	0.81			1.4	0.027				
WETCHEM SOIL BY 7196A									
Cr (III) (mg/kg)	180			9.7	2	NR			
Cr (VI) (mg/kg)	110			1 U F1	1		0.96 U	0.96	
SOIL BY 9012B									
Cyanide, Total (mg/kg)	NA			0.17 F2	0.019	NR			

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Highlighted Concentrations shown in bold type face exceed limits

* : LCS or LCSD is outside acceptance limits.

p X : The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

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Dilution Factor	Criteria	1	1	5/1	
		Result Q MDL	Result Q MDL	Result Q MDL	Secondary Q MDL

F2 : MS/MSD RPD exceeds control limits

U F1 : Indicates the analyte was analyzed for but not detected.

Results shown in mg/kg unless specified