

Table 1 - BSM QA Sample Testing Summary
50 Kent Avenue Property Holder Area
Williamsbug, Brooklyn, NY

Mixing Order	Segment ID	Mixing Date	Sample ID	UCS Results, psi			Perm Results, cm/s			
				7 days	14 days	28 days	7 days	14 days	28 days	4/28/2016
1	3B	2/16/2016	BSM01-SEG3B-2016-02-16	579	693	979	3.7 E-08	2.4 E-08	8.1 E-09	NA
2	6	3/7/2016	BSM02-SEG06-2016-03-07	304	446	623	4.8 E-07	5.80E-08	2.20E-08	NA
3	9B	3/8/2016	BSM03-SEG9B-2016-03-08	118	191	257	4.0 E-06	1.10E-06	1.5 E-07	NA
4	8B	3/9/2016	BSM04-SEG8B-2016-03-09	134	C	237	6.3 E-06	1.80E-06	1.4 E-07	NA
5	4B	3/10/2016	BSM05-SEG4B-2016-03-10	73	C	158	2.3 E-05	1.50E-05	2.5 E-06	3.1 E-08
6	10B	3/11/2016	BSM06-SEG10B-2016-03-11	NA	NA	NA	NA	NA	NA	NA
7	11B	3/14/2016	BSM07-SEG11B-2016-03-14	NA	NA	NA	NA	NA	NA	NA
8	2B	3/15/2016	BSM08-SEG2B-2016-03-15	43	76	106	1.9 E-05	1.1 E-05	1.5 E-06	3.7 E-08
9	7B	3/16/2016	BSM09-SEG7B-2016-03-16	NA	NA	NA	NA	NA	NA	NA
10	5B	3/17/2016	BSM10-SEG5B-2016-03-17	NA	NA	NA	NA	NA	NA	NA
11	3A	3/18/2016	BSM11-SEG3A-2016-03-18	NA	NA	NA	NA	NA	NA	NA
12	10A	3/21/2016	BSM12-SEG10A-2016-03-21	79	C	231	9.5 E-06	4.10E-06	3.1 E-07	NA
13	11A	3/22/2016	BSM13-SEG11A-2016-03-22	NA	NA	NA	NA	NA	NA	NA
14	5A	3/23/2016	BSM14-SEG5A-2016-03-23	NA	NA	NA	NA	NA	NA	NA
15	7A	3/24/2016	BSM15-SEG7A-2016-03-24	59	C	180	1.2 E-05	5.6 E-06	8.5 E-07	NA
16	3A-2	3/25/2016	BSM16-SEG3A2-2016-03-25	NA	NA	NA	NA	NA	NA	NA
17	1	3/28/2016	BSM17-SEG1-2016-03-28	NA	NA	NA	NA	NA	NA	NA
18	9A	3/29/2016	BSM18-SEG9A-2016-03-29	126	C	267	2.3 E-06	8.7 E-07	1.3 E-07	NA
19	8A	3/30/2016	BSM19-SEG8A-2016-03-30	NA	NA	NA	NA	NA	NA	NA
20	4A	3/31/2016	BSM20-SEG4A-2016-03-31	NA	NA	NA	NA	NA	NA	NA
21	2A	4/1/2016	BSM21-SEG2A-2016-04-01	NA	NA	NA	NA	NA	NA	NA

Notes:

Criteria - UCS >= 50 psi after 7, 10, and 28 days

Permeability <= 1E-06 cm/s after 7, 10 and 28 days

5E-05 The sample failed to meet the criteria

C - Analysis Canceled

NA - Sample Collected but not Analyzed

Table 2 - CB QA Sample Testing Summary
 50 Kent Avenue Property Holder Area
 Williamsbug, Brooklyn, NY

Mixing Date	Sample ID	UCS Results, psi			
		7 days	14 days	21 days	28 days
5/12/2016	CB-01-051216	NA	11	NA	21
5/17/2016	CB-02-051716	NA	NA	17	22
5/23/2016	CB-03-052316	NA	17	NA	29
5/25/2016	CB-04-052416	NA	35	43	46
6/9/2016	CB-05-060916	NA	13	NA	31
6/15/2016	CB-06-061516	NA	NA	NA	22
6/16/2016	CB-07-061616	NA	NA	NA	22
6/21/2016	CB-08-062116	NA	NA	NA	21

Notes:

Criteria - UCS \geq 35 psi after 7, 10, and 28 days

NA - Sample Collected but not Analyzed

**Table 3 - Summary of Contamination Removed
50 Kent Avenue Property Holder Area
Williamsbug, Brooklyn, NY**

Material Removed	Quantity or Weight	Unit
MGP Impacted Soils to Bay Shore Soil Management	65,419	tons
Led Impacted Hazardous Soils to Cleanearth of North Jersey	223.4	tons
Asphalt for Recycling to Bayshore Soil Management	332.5	tons
C&D to Alloco Recycling	200.6	tons
Carbon Disposal at Evoqua	61.3	tons
Post-Treatment Effluent Discharge into the NYC Combined Sewer	2,171,021	gallons

Notes:

Tracking provided by Severson and deMaximis

Table 4 - Summary of Backfill Analytical Samples and Comparison to Unrestricted SCOs
50 Kent Ave Property Holders Area
Brooklyn, New York

Constituent	Allowable Constituents Level for Imported Fill, NYSDEC DER-10		Corbett Aggregates Company					Wantage Quarry					Long Island Topsoil	NYSS	
	Unrestricted	Restricted Commercial or Industrial	Select Fill 1 50 Kent Ave	Select Fill 2 50 Kent Ave	Select Fill 3 50 Kent Ave	CORBETT SAMPLE 1	SS1-2015	(Wantage 1-6-17) 1	(Wantage 1-6-17) 2	WANTAGE QUARRY (1-19-17)	WANTAGE 3/21/17	WANTAGE 9/1/16	WANTAGE 11	LIC-TOPSOIL-01-032817	*Lafarge Item
			460-109181-1	460-109181-2	460-109181-3	460-105688-1	460-97885-1	460-126482-1	460-126482-2	460-127091-1	460-130048-1	460-119570-1	460-123194-1	460-130462-1	AC86361-001
Date		2/19/2016	2/19/2016	2/19/2016	12/4/2015	7/13/2015	1/6/2017	1/6/2017	1/19/2017	3/21/2017	9/1/2016	11/3/2016	3/28/2017	8/5/2015	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organic Compounds (µg/kg)															
1,1,1-Trichloroethane	680	680	NA	NA	0.5 U	1.2 U	0.49 U	0.58 U	0.47 U	0.36 U	0.44 U	0.43 U	0.43 U	0.54 U	ND
1,1,2,2-Tetrachloroethane	NS	NS	NA	NA	NA	NA	0.22 U	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NA	NA	NA	NA	0.57 U	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NS	NS	NA	NA	NA	NA	0.36 U	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	270	270	NA	NA	0.44 U	1.1 U	0.44 U	0.52 U	0.42 U	0.32 U	0.4 U	0.38 U	0.38 U	0.48 U	ND
1,1-Dichloroethene	330	330	NA	NA	0.53 U	1.3 U	0.53 U	0.63 U	0.51 U	0.39 U	0.48 U	0.46 U	0.46 U	0.58 U	ND
1,2,4-Trimethylbenzene	360	3600	NA	NA	0.44 U	1.1 U	0.44 U	0.52 U	0.42 U	0.32 U	0.4 U	0.38 U	0.38 U	0.48 U	ND
1,2-Dichlorobenzene	1100	1100	NA	NA	0.18 U	0.44 U	0.18 U	0.21 U	0.17 U	0.13 U	0.16 U	0.16 U	0.16 U	0.2 U	ND
1,2-Dichloroethane	20	20	NA	NA	0.14 U	0.34 U	0.14 U	0.17 U	0.14 U	0.13 U	0.13 U	0.12 U	0.12 U	0.16 U	ND
1,3,5-Trimethylbenzene	8400	8400	NA	NA	0.17 U	0.41 U	NA	0.2 U	0.16 U	0.12 U	0.15 U	0.15 U	0.15 U	0.18 U	ND
1,3-Dichlorobenzene	2400	2400	NA	NA	0.16 U	0.37 U	0.15 U	0.18 U	0.15 U	0.11 U	0.14 U	0.13 U	0.14 U	0.17 U	ND
1,4-Dichlorobenzene	1800	1800	NA	NA	0.17 U	0.41 U	0.17 U	0.2 U	0.16 U	0.12 U	0.15 U	0.15 U	0.15 U	0.18 U	ND
1,4-Dioxane	100	100	NA	NA	8.3 U	20 U	8.2 U	9.8 U	8 U	6.1 U	7.4 U	7.2 U	7.2 U	9 U	ND
2-Butanone (MEK)	NS	NS	NA	NA	1 U	2.4 U	0.99 U	1.2 U	0.96 U	0.73 U	0.9 U	0.87 U	0.87 U	1.1 U	ND
Acetone	50	50	NA	NA	1.4 U	3.3 U*	1.4 U	1.6 U	1.3 U	1 U	5.8 B	1.2 U	1.2 U	1.5 U	ND
Benzene	60	60	NA	NA	0.26 U	0.62 U	0.26 U	0.31 U	0.19 U	0.23 U	0.22 U	0.23 U	0.23 U	0.28 U	ND
Carbon tetrachloride	760	760	NA	NA	0.56 U	1.3 U	0.55 U	0.66 U	0.54 U	0.41 U	0.5 U	0.48 U	0.49 U	0.61 U	ND
Chlorobenzene	1100	1100	NA	NA	0.18 U	0.44 U	0.18 U	0.21 U	0.17 U	0.13 U	0.16 U	0.16 U	0.16 U	0.2 U	ND
Chloroform	370	370	NA	NA	0.27 U	0.65 U	0.27 U	0.32 U	0.26 U	0.2 U	0.24 U	0.24 U	0.24 U	0.3 U	ND
cis-1,2-Dichloroethene	250	250	NA	NA	0.29 U	0.69 U	0.28 U	0.34 U	0.27 U	0.21 U	0.26 U	0.25 U	0.25 U	0.31 U	ND
Ethylbenzene	1000	1000	NA	NA	0.23 U	0.56 U	0.23 U	0.28 U	0.22 U	0.17 U	0.21 U	0.2 U	0.2 U	0.25 U	ND
Methyl tert-butyl ether	930	930	NA	NA	0.22 U	0.53 U	0.22 U	0.26 U	0.21 U	0.16 U	0.2 U	0.19 U	0.19 U	0.24 U	ND
Methylene Chloride	50	50	NA	NA	0.42 U	1 U	0.41 U	0.56 JB	0.82 JB	0.48 JB	1.2 B	0.36 U	0.85 JB	0.45 U	5
n-Butylbenzene	12000	12000	NA	NA	0.27 U	0.65 U	NA	0.32 U	0.26 U	0.2 U	0.24 U	0.24 U	0.24 U	0.3 U	ND
N-Propylbenzene	3900	3900	NA	NA	0.23 U	0.56 U	NA	0.28 U	0.22 U	0.17 U	0.21 U	0.2 U	0.2 U	0.25 U	ND
sec-Butylbenzene	11000	11000	NA	NA	0.22 U	0.53 U	NA	0.26 U	0.21 U	0.16 U	0.2 U	0.19 U	0.19 U	0.24 U	ND
tert-Butylbenzene	5900	5900	NA	NA	0.44 U	1.1 U	NA	0.52 U	0.42 U	0.32 U	0.4 U	0.38 U	0.38 U	0.48 U	ND
Tetrachloroethene	1300	1300	NA	NA	0.36 U	0.87 U	0.36 U	0.43 U	0.35 U	0.27 U	0.33 U	0.31 U	0.32 U	0.4 U	ND
Toluene	700	700	NA	NA	0.25 U	0.59 U	0.24 U	0.29 U	0.24 U	0.18 U	0.22 U	0.21 U	0.21 U	0.27 U	ND
trans-1,2-Dichloroethene	190	190	NA	NA	0.51 U	1.2 U	0.5 U	0.6 U	0.49 U	0.37 U	0.45 U	0.44 U	0.44 U	0.55 U	ND
Trichloroethene	470	470	NA	NA	0.34 U	0.81 U	0.33 U	0.4 U	0.32 U	0.25 U	0.3 U	0.29 U	0.29 U	0.37 U	ND
Vinyl chloride	20	20	NA	NA	0.51 U	1.2 U	0.5 U	0.6 U	0.49 U	0.37 U	0.45 U	0.44 U	0.44 U	0.55 U	ND
Xylenes, Total	260	1600	NA	NA	0.14 U	0.34 U	NA	0.17 U	0.14 U	0.1 U	0.35 JB	0.12 U	0.12 U	0.16 U	ND
1,2,3-Trichlorobenzene	NS	NS	NA	NA	NA	NA	0.14 U	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NS	NS	NA	NA	NA	NA	0.41 U	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	NS	NS	NA	NA	NA	NA	0.6 U	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	NS	NS	NA	NA	NA	NA	0.22 U	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	NS	NS	NA	NA	NA	NA	0.17 U	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	NS	NS	NA	NA	NA	NA	0.41 U	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NS	NS	NA	NA	NA	NA	1.2 U	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	NS	NS	NA	NA	NA	NA	0.55 U	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobromomethane	NS	NS	NA	NA	NA	NA	0.22 U	NA	NA	NA	NA	NA	NA	NA	NA
Chlorodibromomethane	NS	NS	NA	NA	NA	NA	0.19 U	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NS	NS	NA	NA	NA	NA	0.45 U	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	NS	NS	NA	NA	NA	NA	0.49 U	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	NS	NS	NA	NA	NA	NA	2.9 U	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	NS	NS	NA	NA	NA	NA	0.19 U	NA	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	NS	NS	NA	NA	NA	NA	0.59 U	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobromomethane	NS	NS	NA	NA	NA	NA	0.49 U	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	NS	NS	NA	NA	NA	NA	0.41 U	NA	NA	NA	NA	NA	NA	NA	NA
Ethylene Dibromide	NS	NS	NA	NA	NA	NA	0.15 U	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NS	NS	NA	NA	NA	NA	0.22 U	NA	NA	NA	NA	NA	NA	NA	NA
Methyl acetate	NS	NS	NA	NA	NA	NA	1.2 U	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NS	NS	NA	NA	NA	NA	0.64 U	NA	NA	NA	NA	NA	NA	NA	NA
m-Xylene & p-Xylene	NS	NS	NA	NA	NA	NA	0.14 U	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	NS	NS	NA	NA	NA	NA	0.21 U	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NS	NS	NA	NA	NA	NA	0.19 U	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	NS	NS	NA	NA	NA	NA	0.13 U	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	NS	NS	NA	NA	NA	NA	0.44 U	NA	NA	NA	NA	NA	NA	NA	NA
m&p-Xylenes	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
o-Xylene	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND

Notes:
NS - Not Specified
NA - Not Analyzed
Q - Qualifier
* - No Qualifiers were listed for sample, "Lafarge Item". All undetected analytes were listed ND
ND - Not Detected
U - Analyte was analyzed for but not detected
J - Result lower than reporting limit, but greater than the minimum detection limit. Concentration is approximate value
B - Compound was found in blank sample
F1 - Matrix spike and/or matrix spike duplicate is outside acceptance limits.
F2 - Matrix spike or matrix spike duplicate exceeds control limits
Bolded - Detection
Bolded & Shaded - Exceedance of Unrestricted Use Criteria
All compounds measured in µg/kg

Table 4 - Summary of Backfill Analytical Samples and Comparison to Unrestricted SCOs
50 Kent Ave Property Holders Area
Brooklyn, New York

Constituent	Allowable Constituents Level for Imported Fill, NYSDEC DER-10		Corbett Aggregates Company					Wantage Quarry					Long Island Topsoil	NYSS	
	Unrestricted	Restricted Commercial or Industrial	Select Fill 1 50 Kent Ave	Select Fill 2 50 Kent Ave	Select Fill 3 50 Kent Ave	CORBETT SAMPLE 1	SS1-2015	(Wantage 1-6-17) 1	(Wantage 1-6-17) 2	WANTAGE QUARRY (1-19 17)	WANTAGE 3/21/17	WANTAGE 9/1/16	WANTAGE 11	LIC-TOPSOIL-01-032817	*Lafarge Item
			460-109181-1	460-109181-2	460-109181-3	460-105688-1	460-97885-1	460-126482-1	460-126482-2	460-127091-1	460-130048-1	460-119570-1	460-123194-1	460-130462-1	AC86361-001
Date		2/19/2016	2/19/2016	2/19/2016	12/4/2015	7/13/2015	1/6/2017	1/6/2017	1/19/2017	3/21/2017	9/1/2016	11/3/2016	3/28/2017	8/5/2015	
Semivolatile Organic Compounds (µg/kg)		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1'-Biphenyl	NS	NS	NA	NA	NA	NA	30 U F1	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NS	NS	NA	NA	NA	NA	26 U F1	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-oxybis[1-chloropropane]	NS	NS	NA	NA	NA	NA	14 U * F1	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	NS	NS	NA	NA	NA	NA	33 U * F1	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	NA	NA	NA	NA	35 U	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	NA	NA	NA	NA	9.9 U	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	NS	NS	NA	NA	NA	NA	8.3 U * F1	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	NS	NS	NA	NA	NA	NA	77 U F1	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NS	NS	NA	NA	NA	NA	260 U F1	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	NA	NA	NA	NA	14 U * F1	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NS	NS	NA	NA	NA	NA	19 U * F1	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	NS	NS	NA	NA	NA	NA	7.9 U * F1	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	NS	NS	NA	NA	NA	NA	8.9 U * F1	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NS	NS	NA	NA	NA	NA	7.7 U * F1	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	16 U	16 U	NA	16 U	15 U * F1	15 U	15 U	15 U	15 U	15 U	16 U	35 U	ND
2-Nitroaniline	NS	NS	NA	NA	NA	NA	12 U	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	NS	NS	NA	NA	NA	NA	12 U F1	NA	NA	NA	NA	NA	NA	NA	NA
3 & 4 Methylphenol	NS	NS	9.8 U	9.7 U	NA	9.5 U	NA	9.5 U	9.2 U	9.4 U	8.9 U	9.6 U	21 U	ND	ND
3,3'-Dichlorobenzidine	NS	NS	NA	NA	NA	NA	39 U F1	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NS	NS	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NS	NS	NA	NA	NA	NA	93 U F1 F2	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	NA	NA	NA	NA	11 U	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	NS	NS	NA	NA	NA	NA	15 U	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	NS	NS	NA	NA	NA	NA	9 U F1	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	NS	NS	NA	NA	NA	NA	10 U * F1	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	NS	NS	NA	NA	NA	NA	9.5 U * F1	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NA	NA	NA	NA	13 U	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	NS	NS	NA	NA	NA	NA	170 U	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	20000	98000	8.9 U	8.8 U	NA	8.6 U	8.5 U * F1	8.6 U	8.4 U	8.5 U	8.1 U	8.7 U	19 U	ND	ND
Acenaphthylene	100000	107000	9.5 U	9.4 U	NA	9.2 U	9 U F1	9.1 U	8.9 U	9 U	8.9 U	9.3 U	20 U	ND	ND
Acetophenone	NS	NS	NA	NA	NA	NA	7.6 U * F1	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100000	500000	35 U	35 U	NA	34 U	33 U	34 U	33 U	33 U	32 U	34 U	76 U	ND	ND
Atrazine	NS	NS	NA	NA	NA	NA	16 U	NA	NA	NA	NA	NA	NA	NA	NA
Benzaldehyde	NS	NS	NA	NA	NA	NA	27 U	NA	NA	NA	NA	NA	NA	NA	NA
Benzo[a]anthracene	1000	1000	31 U	30 U	NA	30 U	29 U	29 U	29 U	29 U	28 U	30 U	92	ND	ND
Benzo[a]pyrene	1000	1000	11 U	11 U	NA	11 U	11 U	11 U	11 U	11 U	10 U	11 U	77 J	ND	ND
Benzo[b]fluoranthene	1000	1700	14 U	14 U	NA	14 U	14 U * F1	14 U	14 U	14 U	13 U	14 U	120	ND	ND
Benzo[g,h,i]perylene	100000	500000	21 U	21 U	NA	20 U	20 U	20 U	20 U	20 U	19 U	21 U	58 J	ND	ND
Benzo[k]fluoranthene	800.0	1700	16 U	16 U	NA	16 U	15 U * F1	15 U	15 U	15 U	15 U	16 U	60 J	ND	ND
Bis(2-chloroethoxy)methane	NS	NS	NA	NA	NA	NA	11 U	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	NS	NS	NA	NA	NA	NA	8.3 U * F1	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	NS	NS	NA	NA	NA	NA	14 U * F1	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	NS	NS	NA	NA	NA	NA	11 U * F1	NA	NA	NA	NA	NA	NA	NA	NA
Caprolactam	NS	NS	NA	NA	NA	NA	25 U	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NS	NS	NA	NA	NA	NA	8.7 U	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1000	1000	10 U	9.9 U	NA	9.7 U	9.5 U F1	9.7 U	9.5 U	9.6 U	9.1 U	9.8 U	110 J	ND	ND
Dibenz(a,h)anthracene	7000	210000	11 U	11 U	NA	11 U	18 U	11 U	11 U	11 U	10 U	11 U	24 U	ND	ND
Dibenzofuran	330	560	19 U	19 U	NA	19 U	11 U * F1	18 U	18 U	18 U	17 U	19 U	41 U	ND	ND
Diethyl phthalate	NS	NS	NA	NA	NA	NA	9.9 U F1	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	NS	NS	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	NS	NS	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	NS	NS	NA	NA	NA	NA	18 U * F1	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100000	500000	11 U	11 U	NA	11 U	10 U F1	11 U	10 U	10 U	10 U	11 U	150 J	ND	ND
Fluorene	30000	386000	8.1 U	7.9 U	NA	7.8 U	7.6 U * F1	7.7 U	7.6 U	7.7 U	7.5 U	7.9 U	17 U	ND	ND
Hexachlorobenzene	330	3000	15 U	15 U	NA	14 U	14 U	14 U	14 U	14 U	14 U	15 U	32 U	ND	ND
Hexachlorobutadiene	NS	NS	NA	NA	NA	NA	9.8 U	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NS	NS	NA	NA	NA	NA	22 U	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	NA	NA	NA	NA	13 U * F1	NA	NA	NA	NA	NA	NA	NA	NA
Indeno[1,2,3-cd]pyrene	500.0	5600.0	25 U	24 U	NA	24 U	23 U * F1	24 U	23 U	23 U	22 U	24 U	65 J	ND	ND
Isophorone	NS	NS	NA	NA	NA	NA	7.5 U	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12000	12000	9.4 U	9.2 U	NA	9.1 U	8.9 U F1	9 U	8.8 U	8.9 U	8.5 U	9.2 U	20 U	9	9
Nitrobenzene	NS	NS	NA	NA	NA	NA	11 U F1	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	NS	NS	NA	NA	NA	NA	12 U * F1	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NS	NS	NA	NA	NA	NA	32 U	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	800.0	800.0	45 U	44 U	NA	43 U F1	42 U	43 U F1	42 U	42 U	41 U	44 U F2 F1	96 U	ND	ND
Phenanthrene	100000	500000	9.8 U	9.7 U	NA	9.5 U	9.3 U	9.5 U	9.2 U	9.4 U	9.2 U	8.9 U	48 J	ND	ND
Phenol	330.00	330.00	12 U	12 U	NA	12 U	11 U	12 U	11 U	11 U	11 U	12 U	26 U	ND	ND
Pyrene	100000	500000	17 U	17 U	NA	16 U	16 U * F1	16 U	16 U	16 U	15 U	16 U	86 J	ND	ND

Notes:
 NS - Not Specified
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 Q - Qualifier
 * - No Qualifiers were listed for sample, "Lafarge Item". All undetected analytes were listed ND
 ND - Not Detected
 U - Analyte was analyzed for but not detected
 J - Result lower than reporting limit, but greater than the minimum detection limit. Concentration is approximate value
 B - Compound was found in blank sample
 F1 - Matrix spike and/or matrix spike duplicate is outside acceptance limits.
 F2 - Matrix spike or matrix spike duplicate exceeds control limits
 Bolded - Detection
 Bolded & Shaded - Exceedance of Unrestricted Use Criteria
 All compounds measured in µg/kg

Table 4 - Summary of Backfill Analytical Samples and Comparison to Unrestricted SCOs
50 Kent Ave Property Holders Area
Brooklyn, New York

Constituent	Allowable Constituents Level for Imported Fill, NYSDEC DER-10		Corbett Aggregates Companies					Wantage Quarry					Long Island Topsoil	NYSS*	
	Unrestricted	Restricted Commercial or Industrial	Select Fill 1 50 Kent Ave	Select Fill 2 50 Kent Ave	Select Fill 3 50 Kent Ave	CORBETT SAMPLE 1	SS1-2015	(Wantage 1-6-17) 1	(Wantage 1-6-17) 2	WANTAGE QUARRY (1-19-17)	WANTAGE 3/21/17	WANTAGE 9/1/16	WANTAGE 11	LIC-TOPSOIL-01-032817	Lafarge Item
			460-109181-1	460-109181-2	460-109181-3	460-105688-1	460-97885-1	460-126482-1	460-126482-2	460-127091-1	460-130048-1	460-119570-1	460-123194-1	460-130462-1	AC86361-001
Date			2/19/2016	2/19/2016	2/19/2016	12/4/2015	7/13/2015	1/6/2017	1/6/2017	1/19/2017	3/21/2017	9/1/2016	11/3/2016	3/28/2017	8/5/2015
			Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
Metals (mg/kg)															
Aluminum	NS	NS	NA	NA	NA	NA	5370	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	NS	NS	NA	NA	NA	NA	0.4 UF1	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	13	16	NA	3.4	NA	5.7	1.4	2.3	2.4	2.3	0.74 J	1.5	1.2	3.2	7.2
Barium	350	400	NA	17.7	NA	3.8	8.4	22.7	12 F1	28.2	3.9	17.8	6.3	41.5	65
Cadmium	2.5	7.5	NA	0.34 U	NA	0.31 U	0.3 U	0.35 U	0.34 U	0.31 U	0.27 U	0.28 U	0.32 U	0.35 U	ND
Calcium	NS	NS	NA	NA	NA	NA	35.8 U	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	NA	14.7	NA	6.1	9.3 F1	4.4	4.5	5.1	3.8	3.9	2.9	13.9	16
Copper	50	270	NA	5	NA	1.5 J	2.2	5	5.5	7	2.2	5.1	3.5	20.1	ND
Lead	63	450	NA	7.6	NA	1.4	4.9	2	1.9	4.7	0.74	1.5	1.9	30.6	ND
Manganese	1600	2000	NA	53.4	NA	2.4 J	20.4	186	205	152	169	129	236	214	300
Nickel	30	130	NA	6.7	NA	0.78 U	5.5	6.4	7.9 F1	7.5	3.1	6.3	5.5	12	23
Selenium	3.9	4	NA	0.42 U	NA	0.38 U	0.4 U	0.3 U	0.28 U	0.28 U	0.23 U	0.25 U	0.28 U	0.31 U	ND
Silver	2	8.3	NA	0.81 U	NA	0.75 U	0.8 U	0.64 U	0.63 U	0.58 U	0.49 U	0.51 U	0.59 U	0.64 U	ND
Zinc	109	2480	NA	16.5	NA	2.4 U	11.8	8.5	9.3	9.1	3 J	5.4 J	7.5	50.1	51
Beryllium	7.2	47	NA	0.2 J	NA	0.13 U	0.2 J	0.31 J	0.29 J	0.39	0.14 J	0.22 J	0.21 J	0.24 J	0.25
Mercury	0.18	0.73	NA	0.026	NA	0.013 J	0.0	0.011 U	0.011 U	0.021 U	0.011 U	0.011 U	0.011 U	0.06	ND
Chromium, Hexavalent	1	19	0.91 U	0.9 U	NA	0.88 U	0.88 U	0.43 U	0.45 J	0.41 U	0.41 U	0.44 U	0.44 U	0.47 U	ND
Chromium, Trivalent	30	1500	15.1	14.7	NA	6.1	NA	4.4	4.1	5.1	3.8	3.9	2.9	13.9	16
Cyanide, Total	27	27	0.051 J	0.025 J	NA	0.019	0.0 J B	0.029 U	0.076 J	0.085 J	0.065 J	0.049 J	0.059 J	0.29	ND
Cobalt	NS	NS	NA	NA	NA	NA	NA	0.9 JF1	NA	NA	NA	NA	NA	NA	NA
Iron	NS	NS	NA	NA	NA	NA	8190	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NS	NS	NA	NA	NA	NA	64.2 J	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NA	NA	NA	NA	65.7 J	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	NS	NS	NA	NA	NA	NA	0.2 U	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NS	NS	NA	NA	NA	NA	15.8 F1	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	NS	NS	NA	NA	NA	NA	38.4 U	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (µg/kg)			Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
4,4'-DDD	3.3	14000	0.99 U	0.97 U	NA	0.95 U	0.93 U	0.95 U	0.93 U	0.94 U	0.92 U	0.9 U	0.96 U	1.1 U	ND
4,4'-DDE	3.3	17000	1.1 U	1.1 U	NA	1 U	1 U	1 U	1 U	1 U	1 U	0.99 U	1.1 U	1.2 U	ND
4,4'-DDT	3.3	47000	0.77 U	0.76 U	NA	0.74 U	0.73 U	0.74 U	0.73 U	0.74 U	0.72 U	0.7 U	0.75 U	0.83 U	ND
Aldrin	5	190	0.91 U	0.89 U	NA	0.87 U	0.86 U	0.87 U	0.85 U	0.86 U	0.85 U	0.82 U	0.88 U	0.98 U	ND
alpha-BHC	20	20	0.68 U	0.67 U	NA	0.66 U	0.65 U	0.66 U	0.64 U	0.65 U	0.64 U	0.62 U	0.66 U	0.74 U	ND
alpha-Chlordane	94	2900	1.2 U	1.2 U	NA	1.2 U	NA	1.2 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	1.3 U	ND
beta-BHC	36	90	0.73 U	0.72 U	NA	0.7 U	0.69 U	0.7 U	0.68 U	0.69 U	0.68 U	0.66 U	0.71 U	0.78 U	ND
Chlordane (technical)	NS	NS	33 U	33 U	NA	32 U	31 U	32 U	31 U	31 U	31 U	30 U	32 U	36 U	NA
delta-BHC	40	250	0.82 U	0.8 U	NA	0.79 U	0.77 U	0.79 U	0.77 U	0.78 U	0.76 U	0.74 U	0.79 U	0.88 U	ND
Dieldrin	5	100	0.97 U	0.96 U	NA	0.94 U	0.92 U	0.94 U	0.92 U	0.93 U	0.91 U	0.89 U	0.95 U	1 U	ND
Endosulfan I	2400	102000	1 U	1 U	NA	1 U	0.98 U	1 U	0.98 U	0.99 U	0.97 U	0.95 U	1 U	1.1 U	ND
Endosulfan II	2400	102000	1.2 U	1.2 U	NA	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.3 U	ND
Endosulfan sulfate	2400	200000	0.87 U	0.86 U	NA	0.84 U	0.83 U	0.84 U	0.82 U	0.83 U	0.81 U	0.79 U	0.85 U	0.94 U	ND
Endrin	14	60	0.95 U	0.94 U	NA	0.92 U	0.9 U	0.91 U	0.9 U	0.91 U	0.89 U	0.86 U	0.93 U	1 U	ND
Endrin aldehyde	NS	NS	0.93 U	0.91 U	NA	0.89 U	0.88 U	0.89 U	0.87 U	0.89 U	0.87 U	0.84 U	0.9 U	1 U	NA
Endrin ketone	NS	NS	1 U	1 U	NA	1 U	0.98 U	1 U	0.98 U	0.99 U	0.97 U	0.95 U	1 U	1.1 U	NA
gamma-BHC (Lindane)	100	100	0.67 U	0.66 U	NA	0.65 U	0.63 U	0.65 U	0.63 U	0.64 U	0.63 U	0.61 U	0.65 U	0.72 U	ND
Heptachlor	42	380	0.96 U	0.95 U	NA	0.93 U	0.91 U	0.93 U	0.91 U	0.92 U	0.9 U	0.88 U	0.94 U	1 U	ND
Heptachlor epoxide	NS	NS	1.5 U	1.4 U	NA	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.3 U	1.4 U	1.6 U	NA
Methoxychlor	NS	NS	1.6 U	1.6 U	NA	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.7 U	NA
Toxaphene	NS	NS	22 U	21 U	NA	21 U	21 U	21 U	21 U	21 U	20 U	20 U	21 U	24 U	NA
Polychlorinated biphenyls(µg/kg)			Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
Aroclor 1016	100	1000	10 U	9.8 U	NA	9.6 U	9.4 U	9.6 U	9.4 U	9.5 U	9.3 U	9.1 U	9.7 U	11 U	ND
Aroclor 1221	100	1000	10 U	9.8 U	NA	9.6 U	9.4 U	9.6 U	9.4 U	9.5 U	9.3 U	9.1 U	9.7 U	11 U	ND
Aroclor 1232	100	1000	10 U	9.8 U	NA	9.6 U	9.4 U	9.6 U	9.4 U	9.5 U	9.3 U	9.1 U	9.7 U	11 U	ND
Aroclor 1242	100	1000	10 U	9.8 U	NA	9.6 U	9.4 U	9.6 U	9.4 U	9.5 U	9.3 U	9.1 U	9.7 U	11 U	ND
Aroclor 1248	100	1000	10 U	9.8 U	NA	9.6 U	9.4 U	9.6 U	9.4 U	9.5 U	9.3 U	9.1 U	9.7 U	11 U	ND
Aroclor 1254	100	1000	10 U	10 U	NA	9.9 U	9.7 U	9.9 U	9.7 U	9.8 U	9.6 U	9.4 U	10 U	11 U	ND
Aroclor 1260	100	1000	10 U	10 U	NA	9.9 U	9.7 U	9.9 U	9.7 U	9.8 U	9.6 U	9.4 U	10 U	11 U	ND
Aroclor 1268	100	1000	10 U	10 U	NA	9.9 U	9.7 U	9.9 U	9.7 U	9.8 U	9.6 U	9.4 U	10 U	11 U	ND
Aroclor-1262	100	1000	10 U	10 U	NA	9.9 U	9.7 U	9.9 U	9.7 U	9.8 U	9.6 U	9.4 U	10 U	11 U	ND
Herbicides (µg/kg)			Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
Silvex (2,3,5-TP)	3800	3800	13 U	13 U	NA	12 U	14 U	12 U	12 U	12 U	12 U	12 U	12 U	14 U	ND
EPH (mg/kg)			Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
Total EPH	NS	NS	NA	NA	NA	NA	2.1 U	NA	NA	NA	NA	NA	NA	NA	NA

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Bolded & Shaded - Exceedance of Unrestricted Use Criteria
Metals and EPH are measured in mg/kg
Pesticides, PCBs, and Herbicides are measured in µg/kg