OSPREY ENVIRONMENTAL ENGINEERING, LLC.
146 EAST MAIN STREET . CLINTON, CT 06413
PHONE: 860.669.8651

Mr. Scott Bartlett, Superintendent, Director of Public Works Operations
Fairfield Department of Public Works
725 Old Post Road
Fairfield, CT 06824

28 June 2018

Re: Soils Sampling, Grids bb1-ii1, X1, V1
Aggregate Recycling Yard Berm Project, Fairfield, CT
Collection date: 26 June 2018

Per your request, samples of soils from the above referenced grids were collected to determine concentrations of constituents of concern (COCs) related to available environmental and health & safety standards and guidelines. Samples were composited and were collected in new glassware supplied by the laboratory and stored in compliance with standard sample preservation procedures. The composite samples were submitted to Complete Environmental Testing, Inc., a Connecticut Certified Laboratory. Samples were compared to the DEEP Remediation Standards Regulations (RSRs) Direct Exposure Criteria (DEC) for environmental consideration. Samples were analyzed for PCBs, ETPH, arsenic, mercury, and lead. The following is a comparison of the results of the analyses to their respective evaluation criteria.

Sample Summary Table

COMPOUND	**ETPH**	**Arsenic**	**Lead**	**Mercury**	**PCBs**
(Residential/Industrial & Commercial) mg/kg	500/2500	10/10	400/1000	20/610	1/10
bb0	*1900*	2.2	16	ND<0.13	ND<0.11
cc0	*860*	4.1	31	ND<0.13	ND<0.11
dd0	*2300*	2.5	19	ND<0.14	ND<0.11
ee0	*1400*	1.7	30	ND<0.14	ND<0.12
ff0	*1700*	2.9	24	ND<0.14	ND<0.11
gg0	*2100*	4.1	29	ND<0.13	ND<0.11
hh0	*1800*	4.7	24	ND<0.14	ND<0.11
ii0	*1200*	3.8	29	ND<0.14	*1.1*
V1	*1500*	2.4	29	ND<0.14	ND<0.11
X1	*1100*	3.2	25	ND<0.14	ND<0.11

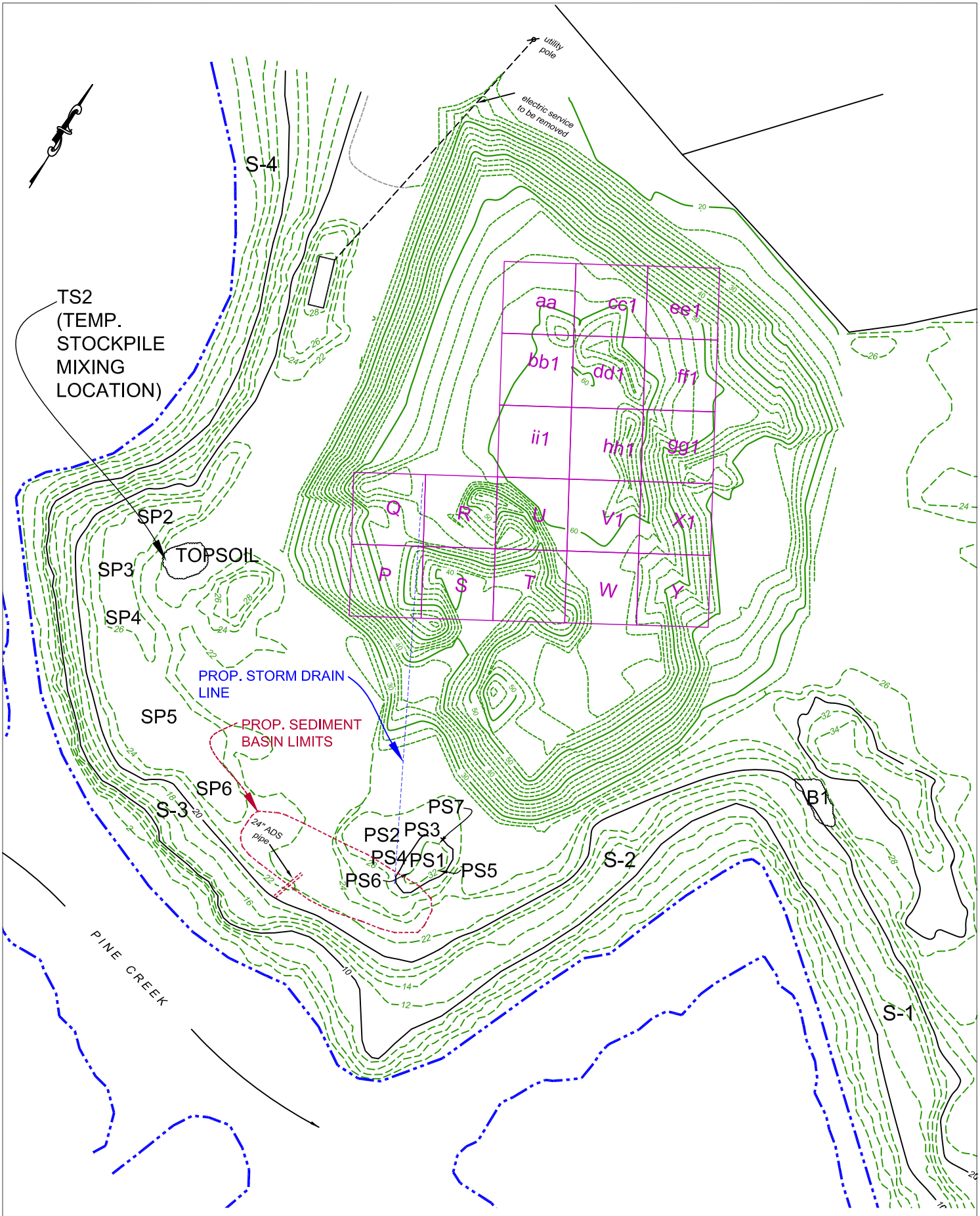
Green is above the Residential DEC *Blue* is above the Residential & Industrial/Commercial DEC

The samples had ETPH above the Residential DEC but below the Industrial/Commercial DEC, most likely due to the presence of asphalt fragments. PCBs, arsenic, mercury, and lead were all below the Residential and the Industrial/Commercial DEC with the exception of Grid sample ii1 which was above the Residential DEC but below the Industrial/Commercial DEC.

Should you have any questions regarding the above, please contact me.

Sincerely,
Osprey Environmental Engineering, LLC.

Robert Grabarek, P.E., L.S., LEP
President



A–7

AGGREGATE YARD SAMPLES
DEPARTMENT OF PUBLIC WORKS FACILITY
90 ROD HIGHWAY, FAIRFIELD, CT

OSPREY
ENVIRONMENTAL ENGINEERING, LLC
146 East Main Street
Clinton, CT 06413
Phone (860) 669-8651

DRAWN BY: RJC
SCALE: 1"=100'
DATE: 06.28.18
REVISIONS:

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
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e-mail: cet1@cetlabs.com

Client: Mr. Robert Grabarek
Osprey Enviromental
146 East Main St
Clinton, CT 06413

Analytical Report

CET# 8060810

Report Date:June 27, 2018
Project: Fairfield

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Certificate: 68-02927

SAMPLE SUMMARY

The sample(s) were received at 25.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
V1	8060810-01	Soil	6/26/2018 9:30	06/26/2018
X1	8060810-02	Soil	6/26/2018 9:30	06/26/2018
BB1	8060810-03	Soil	6/26/2018 9:30	06/26/2018
CC1	8060810-04	Soil	6/26/2018 9:30	06/26/2018
DD1	8060810-05	Soil	6/26/2018 9:30	06/26/2018
EE1	8060810-06	Soil	6/26/2018 9:30	06/26/2018
FF1	8060810-07	Soil	6/26/2018 9:30	06/26/2018
GG1	8060810-08	Soil	6/26/2018 9:30	06/26/2018
HH1	8060810-09	Soil	6/26/2018 9:30	06/26/2018
II1	8060810-10	Soil	6/26/2018 9:30	06/26/2018

Analyte: Percent Solids [SM 2540 G] **Analyst: DAH**

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
8060810-01	V1	**88**	1.0	%	1	B8F2622	06/26/2018	06/26/2018 15:30	
8060810-02	X1	**87**	1.0	%	1	B8F2622	06/26/2018	06/26/2018 15:30	
8060810-03	BB1	**90**	1.0	%	1	B8F2622	06/26/2018	06/26/2018 15:30	
8060810-04	CC1	**88**	1.0	%	1	B8F2622	06/26/2018	06/26/2018 15:30	
8060810-05	DD1	**91**	1.0	%	1	B8F2622	06/26/2018	06/26/2018 15:30	
8060810-06	EE1	**87**	1.0	%	1	B8F2622	06/26/2018	06/26/2018 15:30	
8060810-07	FF1	**90**	1.0	%	1	B8F2622	06/26/2018	06/26/2018 15:30	
8060810-08	GG1	**90**	1.0	%	1	B8F2622	06/26/2018	06/26/2018 15:30	
8060810-09	HH1	**88**	1.0	%	1	B8F2622	06/26/2018	06/26/2018 15:30	
8060810-10	II1	**90**	1.0	%	1	B8F2622	06/26/2018	06/26/2018 15:30	

Analyte: Mercury [EPA 7471B] **Analyst: KP**

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
8060810-01	V1	ND	0.14	mg/kg dry	1	B8F2718	06/26/2018	06/27/2018 10:09	
8060810-02	X1	ND	0.14	mg/kg dry	1	B8F2718	06/26/2018	06/27/2018 10:21	
8060810-03	BB1	ND	0.13	mg/kg dry	1	B8F2718	06/26/2018	06/27/2018 10:24	
8060810-04	CC1	ND	0.13	mg/kg dry	1	B8F2718	06/26/2018	06/27/2018 10:26	
8060810-05	DD1	ND	0.14	mg/kg dry	1	B8F2718	06/26/2018	06/27/2018 10:29	
8060810-06	EE1	ND	0.14	mg/kg dry	1	B8F2718	06/26/2018	06/27/2018 10:32	
8060810-07	FF1	ND	0.14	mg/kg dry	1	B8F2718	06/26/2018	06/27/2018 10:35	
8060810-08	GG1	ND	0.13	mg/kg dry	1	B8F2718	06/26/2018	06/27/2018 10:44	
8060810-09	HH1	ND	0.14	mg/kg dry	1	B8F2718	06/26/2018	06/27/2018 10:47	
8060810-10	II1	ND	0.14	mg/kg dry	1	B8F2718	06/26/2018	06/27/2018 10:50	

Analyte: Total Lead [EPA 6010C] **Analyst: SS**

Prep: EPA 3051A **Matrix: Soil**

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
8060810-01	V1	**19**	2.3	mg/kg dry	1	B8F2623	06/26/2018	06/26/2018 15:43	
8060810-02	X1	**25**	2.3	mg/kg dry	1	B8F2623	06/26/2018	06/26/2018 15:47	
8060810-03	BB1	**16**	2.2	mg/kg dry	1	B8F2623	06/26/2018	06/26/2018 15:52	
8060810-04	CC1	**31**	2.3	mg/kg dry	1	B8F2623	06/26/2018	06/26/2018 15:56	
8060810-05	DD1	**19**	2.2	mg/kg dry	1	B8F2623	06/26/2018	06/26/2018 16:00	
8060810-06	EE1	**30**	2.3	mg/kg dry	1	B8F2623	06/26/2018	06/26/2018 16:04	
8060810-07	FF1	**24**	2.2	mg/kg dry	1	B8F2623	06/26/2018	06/26/2018 16:09	
8060810-08	GG1	**29**	2.2	mg/kg dry	1	B8F2623	06/26/2018	06/26/2018 16:13	
8060810-09	HH1	**24**	2.3	mg/kg dry	1	B8F2623	06/26/2018	06/26/2018 16:25	
8060810-10	II1	**29**	2.2	mg/kg dry	1	B8F2623	06/26/2018	06/26/2018 16:30	

Analyte: Total Arsenic [EPA 6010C] **Analyst: SS**

Prep: EPA 3051A **Matrix: Soil**

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
8060810-01	V1	**2.4**	1.1	mg/kg dry	1	B8F2623	06/26/2018	06/26/2018 15:43	
8060810-02	X1	**3.2**	1.2	mg/kg dry	1	B8F2623	06/26/2018	06/26/2018 15:47	
8060810-03	BB1	**2.2**	1.1	mg/kg dry	1	B8F2623	06/26/2018	06/26/2018 15:52	
8060810-04	CC1	**4.1**	1.1	mg/kg dry	1	B8F2623	06/26/2018	06/26/2018 15:56	
8060810-05	DD1	**2.5**	1.1	mg/kg dry	1	B8F2623	06/26/2018	06/26/2018 16:00	
8060810-06	EE1	**1.7**	1.2	mg/kg dry	1	B8F2623	06/26/2018	06/26/2018 16:04	
8060810-07	FF1	**2.9**	1.1	mg/kg dry	1	B8F2623	06/26/2018	06/26/2018 16:09	
8060810-08	GG1	**4.1**	1.1	mg/kg dry	1	B8F2623	06/26/2018	06/26/2018 16:13	
8060810-09	HH1	**4.7**	1.1	mg/kg dry	1	B8F2623	06/26/2018	06/26/2018 16:25	
8060810-10	II1	**3.8**	1.1	mg/kg dry	1	B8F2623	06/26/2018	06/26/2018 16:30	

CET # : 8060810
Project: Fairfield

Client Sample ID V1

Lab ID: 8060810-01

Conn. Extractable TPH **Analyst: MJH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**1500**	110	1	EPA 3550C	B8F2628	06/26/2018	06/26/2018 17:59	R
Surrogate: Octacosane	*83.0 %*		*50 - 150*		B8F2628	06/26/2018	*06/26/2018 17:59*	

R C18-C36 unknown

PCBs by ASE **Analyst: JTS**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:07	
PCB-1221	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:07	
PCB-1232	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:07	
PCB-1242	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:07	
PCB-1248	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:07	
PCB-1254	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:07	
PCB-1260	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:07	
PCB-1268	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:07	
PCB-1262	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:07	
Surrogate: TCMX [1C]	*105 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:07*	
Surrogate: TCMX [2C]	*98.4 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:07*	
Surrogate: DCB [1C]	*87.1 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:07*	
Surrogate: DCB [2C]	*81.1 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:07*	

Client Sample ID X1

Lab ID: 8060810-02

Conn. Extractable TPH **Analyst: MJH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**1100**	110	1	EPA 3550C	B8F2628	06/26/2018	06/26/2018 18:22	R
Surrogate: Octacosane	*94.0 %*		*50 - 150*		B8F2628	06/26/2018	*06/26/2018 18:22*	

R C18-C36 unknown

PCBs by ASE **Analyst: JTS**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:26	
PCB-1221	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:26	
PCB-1232	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:26	
PCB-1242	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:26	
PCB-1248	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:26	
PCB-1254	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:26	
PCB-1260	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:26	
PCB-1268	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:26	
PCB-1262	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:26	
Surrogate: TCMX [1C]	*115 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:26*	
Surrogate: TCMX [2C]	*104 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:26*	
Surrogate: DCB [1C]	*108 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:26*	
Surrogate: DCB [2C]	*99.2 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:26*	

Client Sample ID BB1

Lab ID: 8060810-03

Conn. Extractable TPH **Analyst: MJH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**1900**	110	1	EPA 3550C	B8F2628	06/26/2018	06/26/2018 18:45	R
Surrogate: Octacosane	*99.0 %*		*50 - 150*		B8F2628	06/26/2018	*06/26/2018 18:45*	

R C18-C36 unknown

PCBs by ASE **Analyst: JTS**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:45	
PCB-1221	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:45	
PCB-1232	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:45	
PCB-1242	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:45	
PCB-1248	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:45	
PCB-1254	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:45	
PCB-1260	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:45	
PCB-1268	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:45	
PCB-1262	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:45	
Surrogate: TCMX [1C]	*109 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:45*	
Surrogate: TCMX [2C]	*98.6 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:45*	
Surrogate: DCB [1C]	*98.1 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:45*	
Surrogate: DCB [2C]	*86.5 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:45*	

Client Sample ID CC1

Lab ID: 8060810-04

Conn. Extractable TPH **Analyst: MJH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**860**	110	1	EPA 3550C	B8F2628	06/26/2018	06/26/2018 19:08	R
Surrogate: Octacosane	*93.0 %*	*50 - 150*			B8F2628	06/26/2018	*06/26/2018 19:08*	

R C18-C36 unknown

PCBs by ASE **Analyst: JTS**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:04	
PCB-1221	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:04	
PCB-1232	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:04	
PCB-1242	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:04	
PCB-1248	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:04	
PCB-1254	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:04	
PCB-1260	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:04	
PCB-1268	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:04	
PCB-1262	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:04	
Surrogate: TCMX [1C]	*102 %*	*30 - 150*			B8F2615	06/26/2018	*06/26/2018 14:04*	
Surrogate: TCMX [2C]	*92.4 %*	*30 - 150*			B8F2615	06/26/2018	*06/26/2018 14:04*	
Surrogate: DCB [1C]	*93.7 %*	*30 - 150*			B8F2615	06/26/2018	*06/26/2018 14:04*	
Surrogate: DCB [2C]	*81.6 %*	*30 - 150*			B8F2615	06/26/2018	*06/26/2018 14:04*	

Client Sample ID DD1

Lab ID: 8060810-05

Conn. Extractable TPH **Analyst: MJH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**2300**	110	1	EPA 3550C	B8F2628	06/26/2018	06/26/2018 19:30	R
Surrogate: Octacosane	*97.0 %*		*50 - 150*		B8F2628	06/26/2018	*06/26/2018 19:30*	

R C18-C36 unknown

PCBs by ASE **Analyst: JTS**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 12:56	
PCB-1221	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 12:56	
PCB-1232	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 12:56	
PCB-1242	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 12:56	
PCB-1248	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 12:56	
PCB-1254	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 12:56	
PCB-1260	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 12:56	
PCB-1268	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 12:56	
PCB-1262	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 12:56	
Surrogate: TCMX [1C]	*92.8 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 12:56*	
Surrogate: TCMX [2C]	*74.9 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 12:56*	
Surrogate: DCB [1C]	*54.1 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 12:56*	
Surrogate: DCB [2C]	*44.3 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 12:56*	

Client Sample ID EE1

Lab ID: 8060810-06

Conn. Extractable TPH **Analyst: MJH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**1400**	110	1	EPA 3550C	B8F2628	06/26/2018	06/26/2018 19:53	R
Surrogate: Octacosane	*104 %*		*50 - 150*		B8F2628	06/26/2018	*06/26/2018 19:53*	

R C18-C36 unknown

PCBs by ASE **Analyst: JTS**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.12	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:14	
PCB-1221	ND	0.12	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:14	
PCB-1232	ND	0.12	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:14	
PCB-1242	ND	0.12	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:14	
PCB-1248	ND	0.12	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:14	
PCB-1254	ND	0.12	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:14	
PCB-1260	ND	0.12	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:14	
PCB-1268	ND	0.12	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:14	
PCB-1262	ND	0.12	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:14	
Surrogate: TCMX [1C]	*88.6 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:14*	
Surrogate: TCMX [2C]	*69.2 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:14*	
Surrogate: DCB [1C]	*60.2 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:14*	
Surrogate: DCB [2C]	*47.3 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:14*	

Client Sample ID FF1

Lab ID: 8060810-07

Conn. Extractable TPH **Analyst: MJH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**1700**	110	1	EPA 3550C	B8F2628	06/26/2018	06/26/2018 20:15	R
Surrogate: Octacosane	*104 %*		*50 - 150*		B8F2628	06/26/2018	*06/26/2018 20:15*	

R C18-C36 unknown

PCBs by ASE **Analyst: JTS**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:33	
PCB-1221	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:33	
PCB-1232	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:33	
PCB-1242	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:33	
PCB-1248	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:33	
PCB-1254	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:33	
PCB-1260	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:33	
PCB-1268	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:33	
PCB-1262	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:33	
Surrogate: TCMX [1C]	*97.1 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:33*	
Surrogate: TCMX [2C]	*77.5 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:33*	
Surrogate: DCB [1C]	*58.9 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:33*	
Surrogate: DCB [2C]	*46.1 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:33*	

Client Sample ID GG1

Lab ID: 8060810-08

Conn. Extractable TPH **Analyst: MJH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**2100**	110	1	EPA 3550C	B8F2628	06/26/2018	06/26/2018 20:38	R
Surrogate: Octacosane	*99.0 %*		*50 - 150*		B8F2628	06/26/2018	*06/26/2018 20:38*	

R C18-C36 unknown

PCBs by ASE **Analyst: JTS**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:51	
PCB-1221	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:51	
PCB-1232	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:51	
PCB-1242	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:51	
PCB-1248	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:51	
PCB-1254	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:51	
PCB-1260	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:51	
PCB-1268	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:51	
PCB-1262	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 13:51	
Surrogate: TCMX [1C]	*93.8 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:51*	
Surrogate: TCMX [2C]	*74.2 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:51*	
Surrogate: DCB [1C]	*57.1 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:51*	
Surrogate: DCB [2C]	*45.6 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 13:51*	

Client Sample ID HH1

Lab ID: 8060810-09

Conn. Extractable TPH **Analyst: MJH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**1800**	110	1	EPA 3550C	B8F2628	06/26/2018	06/26/2018 21:01	R
Surrogate: Octacosane	*103 %*		*50 - 150*		B8F2628	06/26/2018	*06/26/2018 21:01*	

R C18-C36 unknown

PCBs by ASE **Analyst: JTS**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:24	
PCB-1221	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:24	
PCB-1232	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:24	
PCB-1242	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:24	
PCB-1248	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:24	
PCB-1254	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:24	
PCB-1260	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:24	
PCB-1268	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:24	
PCB-1262	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:24	
Surrogate: TCMX [1C]	*99.1 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 14:24*	
Surrogate: TCMX [2C]	*91.8 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 14:24*	
Surrogate: DCB [1C]	*93.5 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 14:24*	
Surrogate: DCB [2C]	*80.7 %*		*30 - 150*		B8F2615	06/26/2018	*06/26/2018 14:24*	

Client Sample ID II1

Lab ID: 8060810-10

Conn. Extractable TPH **Analyst: MJH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**1200**	110	1	EPA 3550C	B8F2628	06/26/2018	06/26/2018 21:23	R
Surrogate: Octacosane	*102 %*	*50 - 150*			B8F2628	06/26/2018	*06/26/2018 21:23*	

R C18-C36 unknown

PCBs by ASE **Analyst: JTS**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:43	
PCB-1221	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:43	
PCB-1232	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:43	
PCB-1242	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:43	
PCB-1248	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:43	
PCB-1254	**1.1**	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:43	
PCB-1260	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:43	
PCB-1268	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:43	
PCB-1262	ND	0.11	1	EPA 3545A	B8F2615	06/26/2018	06/26/2018 14:43	
Surrogate: TCMX [1C]	*114 %*	*30 - 150*			B8F2615	06/26/2018	*06/26/2018 14:43*	
Surrogate: TCMX [2C]	*106 %*	*30 - 150*			B8F2615	06/26/2018	*06/26/2018 14:43*	
Surrogate: DCB [1C]	*102 %*	*30 - 150*			B8F2615	06/26/2018	*06/26/2018 14:43*	
Surrogate: DCB [2C]	*92.9 %*	*30 - 150*			B8F2615	06/26/2018	*06/26/2018 14:43*	

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

This technical report was reviewed by John Feher

Project Manager

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
I- The Analyte exceeds %RSD limits for the Initial Calibration. This is a non-directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
RL is the Reporting Limit.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Soil	
ETPH	CT
EPA 6010C in Soil	
Lead	CT,NY,PA
Arsenic	CT,NY,PA
EPA 7471B in Soil	
Mercury	CT,NY,PA
EPA 8082A in Soil	
PCB-1016	CT,NY,PA
PCB-1221	CT,NY,PA
PCB-1232	CT,NY,PA
PCB-1242	CT,NY,PA
PCB-1248	CT,NY,PA
PCB-1254	CT,NY,PA
PCB-1260	CT,NY,PA
PCB-1268	CT,NY,PA
PCB-1262	NY,PA
SM 2540 G in Soil	
Percent Solids	CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2018
NY	New York Certification (NELAC)	11982	04/01/2019
PA	Pennsylvania DEP	68-02927	05/31/2019

8060810

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com
Bottle Request e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day * | Next Day * | Two Day * | Three Day * | Std (5-7 Days)

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs	PCBs ☐ SOX ☐ ASE	Pesticides	Metals: 8 RCRA	13 Priority Poll	15 CT DEP	Total	SPLP	TCLP	Dissolved	Field Filtered	Lab to Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
VI	6/26/18	S				2			2										14 PB			
X1	9:30a					1			1										1			
bbi → iii																						

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[illegible]	06/26/18	Mandy 06/26/18 10:26AM
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: b-i Separate Samples FOR WED. MORNING

Client / Reporting Information

Company Name: QPRSM

Address

City State Zip

Report To: E-mail

Phone # Fax #

Project Information

Project: PO #:

Location: Project #:

CET Quote # Collector(s):

QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *

Data Report ☐ PDF ☐ EDD - Specify Format Other

RSR Reporting Limits (check one) ☐ GA ☐ GB ☐ SWP ☐ Other

Laboratory Certification Needed (check one) ☐ CT ☐ NY ☐ RI ☐ MA

Temp Upon Receipt 25.0 °C Evidence of Cooling: Y (N)

PAGE OF

*** Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.**

REV. 10/16