

# Technical Report for Emerging Contaminants

prepared for:

**Brussee Environmental Corp.**  
14 Evans Lane  
Miller Place NY, 11764  
**Attention: Kevin Brussee**

Report Date: 08/15/2022  
**Client Project ID: SMS2202 659 Flushing Avenue**  
York Project (SDG) No.: 22H0641

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)

Report Date: 08/15/2022  
Client Project ID: SMS2202 659 Flushing Avenue  
York Project (SDG) No.: 22H0641

**Brussee Environmental Corp.**

14 Evans Lane  
Miller Place NY, 11764  
Attention: Kevin Brussee

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 10, 2022 and listed below. The project was identified as your project: **SMS2202 659 Flushing Avenue**.

The analyses were conducted utilizing appropriate EPA methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

Please contact Client Services at 203.325.1371 with any questions regarding this report or e-mail [clientservices@yorklab.com](mailto:clientservices@yorklab.com).

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
22H0641-01	GWA	Water	08/09/2022	08/10/2022

## General Notes for York Project (SDG) No.: 22H0641

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Cassie L. Mosher  
Laboratory Manager

Date: 08/15/2022





## Sample Information

**Client Sample ID:** GWA

**York Sample ID:** 22H0641-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

22H0641

SMS2202 659 Flushing Avenue

Water

August 9, 2022 1:15 pm

08/10/2022

### PFAS, NYSDEC Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Maximum Contaminant Level		Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
				MCL						
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	12.0		0		ng/L	2.00	EPA 537m	08/12/2022 09:43	WEL
						Certifications:			08/12/2022 15:51	
307-24-4	* Perfluorohexanoic acid (PFHxA)	20.5		0		ng/L	2.00	EPA 537m	08/12/2022 09:43	WEL
						Certifications:			08/12/2022 15:51	
375-85-9	* Perfluoroheptanoic acid (PFHpA)	18.7		0		ng/L	2.00	EPA 537m	08/12/2022 09:43	WEL
						Certifications:			08/12/2022 15:51	
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	12.8		0		ng/L	2.00	EPA 537m	08/12/2022 09:43	WEL
						Certifications:			08/12/2022 15:51	
335-67-1	* Perfluorooctanoic acid (PFOA)	118		0		ng/L	2.00	EPA 537m	08/12/2022 09:43	WEL
						Certifications:			08/12/2022 15:51	
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	85.7		0		ng/L	2.00	EPA 537m	08/12/2022 09:43	WEL
						Certifications:			08/12/2022 15:51	
375-95-1	* Perfluorononanoic acid (PFNA)	4.04		0		ng/L	2.00	EPA 537m	08/12/2022 09:43	WEL
						Certifications:			08/12/2022 15:51	
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		0		ng/L	2.00	EPA 537m	08/12/2022 09:43	WEL
						Certifications:			08/12/2022 15:51	
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		0		ng/L	2.00	EPA 537m	08/12/2022 09:43	WEL
						Certifications:			08/12/2022 15:51	
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		0		ng/L	2.00	EPA 537m	08/12/2022 09:43	WEL
						Certifications:			08/12/2022 15:51	
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND		0		ng/L	2.00	EPA 537m	08/12/2022 09:43	WEL
						Certifications:			08/12/2022 15:51	
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		0		ng/L	2.00	EPA 537m	08/12/2022 09:43	WEL
						Certifications:			08/12/2022 15:51	
2355-31-9	* N-MeFOSAA	ND		0		ng/L	2.00	EPA 537m	08/12/2022 09:43	WEL
						Certifications:			08/12/2022 15:51	
2991-50-6	* N-EtFOSAA	ND		0		ng/L	2.00	EPA 537m	08/12/2022 09:43	WEL
						Certifications:			08/12/2022 15:51	
2706-90-3	* Perfluoropentanoic acid (PFPeA)	26.7		0		ng/L	2.00	EPA 537m	08/12/2022 09:43	WEL
						Certifications:			08/12/2022 15:51	
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		0		ng/L	2.00	EPA 537m	08/12/2022 09:43	WEL
						Certifications:			08/12/2022 15:51	
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	2.70		0		ng/L	2.00	EPA 537m	08/12/2022 09:43	WEL
						Certifications:			08/12/2022 15:51	
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		0		ng/L	2.00	EPA 537m	08/12/2022 09:43	WEL
						Certifications:			08/12/2022 15:51	
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		0		ng/L	5.00	EPA 537m	08/12/2022 09:43	WEL
						Certifications:			08/12/2022 15:51	
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		0		ng/L	2.00	EPA 537m	08/12/2022 09:43	WEL
						Certifications:			08/12/2022 15:51	



## Sample Information

**Client Sample ID:** GWA

**York Sample ID:** 22H0641-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22H0641

SMS2202 659 Flushing Avenue

Water

August 9, 2022 1:15 pm

08/10/2022

### PFAS, NYSDEC Target List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

Maximum Contaminant Level									
CAS No.	Parameter	Result	Flag	MCL	Units	Reported to LOQ	Reference Method	Date/Time Prep/Anal	Analyst
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	21.0		0	ng/L	2.00	EPA 537m	08/12/2022 09:43	WEL
					Certifications:			08/12/2022 15:51	
Surrogate Recoveries		Result	Acceptance Range						
Surrogate: M3PFBS		96.4 %	25-150						
Surrogate: M5PFHxA		86.1 %	25-150						
Surrogate: M4PFHpA		89.8 %	25-150						
Surrogate: M3PFHxS		99.4 %	25-150						
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		95.8 %	25-150						
Surrogate: M6PFDA		95.2 %	25-150						
Surrogate: M7PFUdA		98.2 %	25-150						
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)		95.0 %	25-150						
Surrogate: M2PFTeDA		97.7 %	10-150						
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)		87.6 %	25-150						
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)		105 %	25-150						
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)		83.7 %	25-150						
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)		47.8 %	10-150						
Surrogate: d3-N-MeFOSAA		102 %	25-150						
Surrogate: d5-N-EtFOSAA		121 %	25-150						
Surrogate: M2-6:2 FTS		208 %	PFSu-H	25-200					
Surrogate: M2-8:2 FTS		169 %		25-200					
Surrogate: M9PFNA		97.7 %	25-150						



## Analytical Batch Summary

**Batch ID:** BH20778

**Preparation Method:** SPE Ext-PFAS-EPA 537.1M

**Prepared By:** ESJ

YORK Sample ID	Client Sample ID	Preparation Date
22H0641-01	GWA	08/12/22
BH20778-BLK1	Blank	08/12/22
BH20778-BS1	LCS	08/12/22
BH20778-BSD1	LCS Dup	08/12/22



## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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#### Batch BH20778 - SPE Ext-PFAS-EPA 537.1M

##### Blank (BH20778-BLK1)

Prepared & Analyzed: 08/12/2022

Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTriDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	5.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
Surrogate: M3PFBS	59.0		"	74.3		79.3	25-150				
Surrogate: M5PFHxA	74.2		"	80.0		92.7	25-150				
Surrogate: M4PFHpA	71.6		"	80.0		89.6	25-150				
Surrogate: M3PFHxS	61.1		"	75.7		80.8	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	66.2		"	80.0		82.8	25-150				
Surrogate: M6PFDA	68.4		"	80.0		85.5	25-150				
Surrogate: M7PFUDa	69.8		"	80.0		87.3	25-150				
Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	64.0		"	80.0		80.0	25-150				
Surrogate: M2PFTeDA	79.8		"	80.0		99.8	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	64.0		"	80.0		80.0	25-150				
Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	64.8		"	76.6		84.7	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	62.5		"	80.0		78.1	25-150				
Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	39.2		"	80.0		49.0	10-150				
Surrogate: d3-N-MeFOSAA	66.3		"	80.0		82.9	25-150				
Surrogate: d5-N-EtFOSAA	79.6		"	80.0		99.4	25-150				
Surrogate: M2-6:2 FTS	62.3		"	75.9		82.1	25-200				
Surrogate: M2-8:2 FTS	58.3		"	76.6		76.1	25-200				
Surrogate: M9PFNA	71.9		"	80.0		89.9	25-150				



## PFAS Target compounds by LC/MS-MS - Quality Control Data

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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### Batch BH20778 - SPE Ext-PFAS-EPA 537.1M

#### LCS (BH20778-BS1)

Prepared & Analyzed: 08/12/2022

Perfluorobutanesulfonic acid (PFBS)	85.9	2.00	ng/L	70.8		121	50-130				
Perfluorohexanoic acid (PFHxA)	77.7	2.00	"	80.0		97.1	50-130				
Perfluoroheptanoic acid (PFHpA)	86.1	2.00	"	80.0		108	50-130				
Perfluorohexanesulfonic acid (PFHxS)	77.7	2.00	"	72.8		107	50-130				
Perfluorooctanoic acid (PFOA)	87.9	2.00	"	80.0		110	50-130				
Perfluorooctanesulfonic acid (PFOS)	73.0	2.00	"	74.0		98.7	50-130				
Perfluorononanoic acid (PFNA)	76.8	2.00	"	80.0		96.0	50-130				
Perfluorodecanoic acid (PFDA)	87.4	2.00	"	80.0		109	50-130				
Perfluoroundecanoic acid (PFUnA)	86.2	2.00	"	80.0		108	50-130				
Perfluorododecanoic acid (PFDoA)	88.2	2.00	"	80.0		110	50-130				
Perfluorotridecanoic acid (PFTriDA)	98.7	2.00	"	80.0		123	50-130				
Perfluorotetradecanoic acid (PFTA)	73.1	2.00	"	80.0		91.4	50-130				
N-MeFOSAA	87.8	2.00	"	80.0		110	50-130				
N-EtFOSAA	82.6	2.00	"	80.0		103	50-130				
Perfluoropentanoic acid (PFPeA)	93.6	2.00	"	80.0		117	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	99.7	2.00	"	80.0		125	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	86.2	2.00	"	76.4		113	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	76.0	2.00	"	77.2		98.4	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	89.3	5.00	"	76.0		117	50-175				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	85.8	2.00	"	76.8		112	50-175				
Perfluoro-n-butanoic acid (PFBA)	87.4	2.00	"	80.0		109	50-130				
Surrogate: M3PFBS	64.6		"	74.3		87.0	25-150				
Surrogate: M5PFHxA	88.2		"	80.0		110	25-150				
Surrogate: M4PFHpA	79.0		"	80.0		98.7	25-150				
Surrogate: M3PFHxS	67.7		"	75.7		89.5	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	76.3		"	80.0		95.4	25-150				
Surrogate: M6PFDA	80.3		"	80.0		100	25-150				
Surrogate: M7PFUdA	78.4		"	80.0		98.1	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	77.0		"	80.0		96.3	25-150				
Surrogate: M2PFTeDA	89.8		"	80.0		112	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	76.0		"	80.0		95.0	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	79.4		"	76.6		104	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	72.4		"	80.0		90.5	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	47.1		"	80.0		58.9	10-150				
Surrogate: d3-N-MeFOSAA	73.2		"	80.0		91.5	25-150				
Surrogate: d5-N-EtFOSAA	79.0		"	80.0		98.8	25-150				
Surrogate: M2-6:2 FTS	70.5		"	75.9		92.9	25-200				
Surrogate: M2-8:2 FTS	71.6		"	76.6		93.4	25-200				
Surrogate: M9PFNA	81.5		"	80.0		102	25-150				



## PFAS Target compounds by LC/MS-MS - Quality Control Data

### York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BH20778 - SPE Ext-PFAS-EPA 537.1M</b>											
<b>LCS Dup (BH20778-BSD1)</b>						Prepared & Analyzed: 08/12/2022					
Perfluorobutanesulfonic acid (PFBS)	84.1	2.00	ng/L	70.8		119	50-130		2.14	30	
Perfluorohexanoic acid (PFHxA)	78.4	2.00	"	80.0		97.9	50-130		0.832	30	
Perfluoroheptanoic acid (PFHpA)	86.2	2.00	"	80.0		108	50-130		0.0893	30	
Perfluorohexanesulfonic acid (PFHxS)	84.0	2.00	"	72.8		115	50-130		7.89	30	
Perfluorooctanoic acid (PFOA)	84.8	2.00	"	80.0		106	50-130		3.66	30	
Perfluorooctanesulfonic acid (PFOS)	83.8	2.00	"	74.0		113	50-130		13.7	30	
Perfluorononanoic acid (PFNA)	87.4	2.00	"	80.0		109	50-130		13.0	30	
Perfluorodecanoic acid (PFDA)	80.4	2.00	"	80.0		101	50-130		8.35	30	
Perfluoroundecanoic acid (PFUnA)	79.3	2.00	"	80.0		99.2	50-130		8.31	30	
Perfluorododecanoic acid (PFDoA)	84.3	2.00	"	80.0		105	50-130		4.53	30	
Perfluorotridecanoic acid (PFTriDA)	94.9	2.00	"	80.0		119	50-130		3.93	30	
Perfluorotetradecanoic acid (PFTA)	70.7	2.00	"	80.0		88.4	50-130		3.34	30	
N-MeFOSAA	89.5	2.00	"	80.0		112	50-130		1.86	30	
N-EtFOSAA	69.5	2.00	"	80.0		86.9	50-130		17.1	30	
Perfluoropentanoic acid (PFPeA)	93.4	2.00	"	80.0		117	50-130		0.224	30	
Perfluoro-1-octanesulfonamide (FOSA)	93.2	2.00	"	80.0		117	50-130		6.67	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	88.1	2.00	"	76.4		115	50-130		2.08	30	
Perfluoro-1-decanesulfonic acid (PFDS)	87.6	2.00	"	77.2		113	50-130		14.2	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	80.1	5.00	"	76.0		105	50-175		10.9	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	83.3	2.00	"	76.8		108	50-175		2.89	30	
Perfluoro-n-butanoic acid (PFBA)	87.3	2.00	"	80.0		109	50-130		0.0594	30	
Surrogate: M3PFBS	67.1		"	74.3		90.3	25-150				
Surrogate: M5PFHxA	91.7		"	80.0		115	25-150				
Surrogate: M4PFHpA	83.5		"	80.0		104	25-150				
Surrogate: M3PFHxS	69.5		"	75.7		91.9	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	83.4		"	80.0		104	25-150				
Surrogate: M6PFDA	87.7		"	80.0		110	25-150				
Surrogate: M7PFUdA	86.0		"	80.0		108	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	81.6		"	80.0		102	25-150				
Surrogate: M2PFTeDA	89.2		"	80.0		111	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	79.8		"	80.0		99.8	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	69.5		"	76.6		90.8	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	74.6		"	80.0		93.3	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	49.9		"	80.0		62.3	10-150				
Surrogate: d3-N-MeFOSAA	81.1		"	80.0		101	25-150				
Surrogate: d5-N-EtFOSAA	100		"	80.0		125	25-150				
Surrogate: M2-6:2 FTS	73.5		"	75.9		96.8	25-200				
Surrogate: M2-8:2 FTS	72.3		"	76.6		94.3	25-200				
Surrogate: M9PFNA	76.7		"	80.0		95.9	25-150				







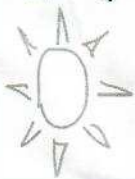
## Sample and Data Qualifiers Relating to This Work Order

PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-H	The CCV recovery was slightly above acceptable limits for the qualified compound. However, sample results are not biased high because results are corrected for isotope recovery.

### Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias ) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.
MCL	This is the Maximum Contaminant Level in ng/L (ppt) established by the NYSDOH for these compounds where an MCL is reported. Exceedences are flagged accordingly.





# Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615

132-02 89th Ave Queens, NY 11418

clientservices@yorklab.com

www.yorklab.com

800-306-YORK 800-306-9675

YORK Project No.

22H0641

Page 1 of 1

## YOUR Information

Company: Brussee Environmental Corp

Address: 14 Evans Lane, Milford Place

Phone: 631-504-6000

Contact: Kevin Brussee

E-mail: kbrussee@brusseeenv.com

## Report To:

Company: Brussee Environmental

Address: 1 -

Phone: -

Contact: -

E-mail: -

## Invoice To:

Company: Brussee Environmental

Address: -

Phone: -

Contact: -

E-mail: -

## YOUR Project Number

SMS2202

## YOUR Project Name

659 Flushing Avenue

## YOUR PO#:

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name)

Sample Identification

GWA

## Matrix Codes

S - soil / solid

GW - groundwater

DW - drinking water

WW - wastewater

O - Oil

Other:

## Samples From

New York

New Jersey

Connecticut

Pennsylvania

Other:

## Report / EDD Type (circle selections)

Summary Report

CT RCP

CT RCP DQAVDUE

CT RCP DQAVDUE

CT RCP DQAVDUE

CT RCP DQAVDUE

CT RCP DQAVDUE

CT RCP DQAVDUE

CT RCP DQAVDUE

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## Report / EDD Type (circle selections)

Summary Report

CT RCP

CT RCP DQAVDUE

CT RCP DQAVDUE

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## Report / EDD Type (circle selections)

Summary Report

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## YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Standard Excel EDD

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## Comments:

## Special Instruction

Field Filtered

Lab to Filter

Date/Time

8/10/22 5:56

Date/Time

8/10/22 9:57

Date/Time

8/11/22 0:33a

Date/Time

8/11/22 0:33a

Date/Time

8/11/22 0:33a