

Certified Mail Return Receipt 7017-2680-0000-0711-1290

October 2, 2018

Mr. Nick Acampora
New York State Department of Environmental Conservation
Division of Environmental Remediation
SUNY @ Stony Brook
50 Circle Road
Stony Brook, NY 11790



RE: Request for Sampling of Emerging Contaminants at the
Former Cibro Petroleum Terminal Site, Site ID: C130153

Dear Mr. Acampora,

Pursuant to your April 4, 2018 letter, regarding the groundwater sampling at the referenced site (Site) and subsequent approved Work Plan and QAPP, Posillico is pleased to send the attached tables summarizing the results of the well sampling for emerging contaminants 1,4-dioxane and per, and polyfluoroalkyl substances (PFAS).

Test America Laboratories was selected from the NYSDEC list of approved laboratories to perform these analyses. The PFAS were analyzed using Method 537 (modified) and the 1,4-dioxane was analyzed using Method 8270.

The sampling was performed on July 19, 2018 after the wells were inspected for integrity. The wells subsequently chosen for sampling, which are shown on the attached site plan, were GW-1, MW-3R, and MW-2. GW-1 is mid-site and the other two wells are downgradient. No up-gradient wells exist. A separate equipment blank sample (EB1) was also collected.

As sampling procedures for these constituents requires non-standard precautions to avoid cross-contamination, it was important to follow the approved QAPP for preparing the wells and collecting the samples. These included special procedures supplied by the lab regarding clothing, equipment and other activities/substances.

The water samples were picked up the same day by the Test America courier and delivered to the Edison NJ facility for analysis.

A summary of the detected results is shown on the attached tables. Please note that even though stringent precautions to avoid cross-contamination were followed, 1,4-Dioxane, PFUnA and PFHxS (see the lab report) were detected in the equipment blank that was prepared by pouring lab-supplied deionized water in the bailer and then into the sampling vial before the wells were sampled.

In addition, four PFAs were denoted with a B qualifier, indicating that they were found in the laboratory method blank revealing cross contamination from laboratory induced contaminants. There were also several other results for PFAs and 1,4-dioxane that had J qualifiers that indicate they had to be estimated as the detections were below the reporting level.

As the low quantification/reporting levels seem to have resulted in potentially unrepresentative results, any conclusions about the nature and extent of these constituents at the Site should be done with caution. At this time a Data Usability analysis has not been done and the results have been transmitted to you as requested.

We have included the following:

- PDF Summary table
- Excel Summary Table
- Site plan (same plan from the work plan)
- Laboratory package

Please contact me if you have any questions.

Sincerely,



Robert S. Keane, PE
Senior Environmental Engineer

Att

TestAmerica

SUMMARY OF ANALYTICAL RESULTS: 460-160998-1

Job Description: Nassau Brownfield

For:

Posillico Dev Company at Harbor Isle LLC

1750 New Highway

Farmingdale, New York 11735

Client ID	NY NYSDEC	EB1			MW-GW1			MW3R			MW3R			MW-2					
Lab Sample ID	Groundwater	460-160998-1			460-160998-2			460-160998-3			460-160998-3			460-160998-4					
Sampling Date	Criteria	07/19/2018 09:50:00			07/19/2018 10:45:00			07/19/2018 11:15:00			07/19/2018 11:15:00			07/19/2018 12:22:00					
Matrix		Water			Water			Water			Water			Water					
Dilution Factor		1			5			10			5			2					
Unit		ng/l			ng/l			ng/l			ng/l			ng/l					
LCMS-537 (MODIFIED)-WATER		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL			
WATER BY 537 (MODIFIED)																			
6:2 FTS	NA	16.2	U	0.81	115	U	5.74	NR			80.1	U	4.00	30.7	U	1.54			
8:2 FTS	NA	16.2	U	0.45	115	U	3.21	NR			80.1	U	2.24	30.7	U	0.86			
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	NA	16.2	U	0.57	115	U	4.02	NR			80.1	U	2.80	30.7	U	1.07			
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	NA	16.2	U	0.37	115	U	2.58	NR			80.1	U	1.80	30.7	U	0.69			
Perfluorobutanesulfonic acid (PFBS)	NA	1.62	U	0.36	12.8		2.53	NR			21.1		1.76	6.67		0.68			
Perfluorobutanoic acid (PFBA)	NA	1.62	U	0.33	226	B	2.35	NR			195	B	1.64	43.8	B	0.63			
Perfluorodecanesulfonic acid (PFDS)	NA	1.62	U	0.43	11.5	U	3.04	NR			8.01	U	2.12	3.07	U	0.81			
Perfluorodecanoic acid (PFDA)	NA	1.62	U	0.31	2.26	J	2.18	NR			8.01	U	1.52	0.64	J	0.58			
Perfluorododecanoic acid (PFDoA)	NA	1.62	U	0.28	11.5	U	2.01	NR			8.01	U	1.40	3.07	U	0.54			
Perfluoroheptanesulfonic Acid (PFHpS)	NA	1.62	U	0.67	11.5	U	4.71	NR			8.01	U	3.28	3.07	U	1.26			
Perfluoroheptanoic acid (PFHpA)	NA	1.62	U	0.26	19.4		1.84	9.71	J	2.56	NR			6.34		0.49			
Perfluorohexanesulfonic acid (PFHxS)	NA	0.23	J	B	0.21	3.05	J	B	1.49	4.65	J	B	2.08	NR		2.93	J	B	0.40
Perfluorohexanoic acid (PFHxA)	NA	1.62	U	0.19	11.7	B	1.38	NR			5.84	J	B	0.96	6.31	B	0.37		
Perfluorononanoic acid (PFNA)	NA	1.62	U	0.31	11.2	J	2.18	NR			3.77	J	1.52	2.36	J	0.58			
Perfluorooctane Sulfonamide (FOSA)	NA	1.62	U	0.45	11.5	U	3.21	NR			8.01	U	2.24	3.07	U	0.86			
Perfluorooctanesulfonic acid (PFOS)	NA	1.62	U	0.62	31.0		4.36	NR			17.9		3.04	6.26		1.17			
Perfluorooctanoic acid (PFOA)	NA	1.62	U	0.26	24.7	B	1.84	28.6	B	2.56	NR			13.2	B	0.49			
Perfluoropentanoic acid (PFPeA)	NA	1.62	U	0.61	13.5		4.30	NR			19.6		3.00	6.77		1.15			
Perfluorotetradecanoic acid (PFTeA)	NA	1.62	U	0.37	11.5	U	2.58	NR			8.01	U	1.80	3.07	U	0.69			
Perfluorotridecanoic Acid (PFTriA)	NA	1.62	U	0.19	11.5	U	1.38	NR			8.01	U	0.96	3.07	U	0.37			
Perfluoroundecanoic acid (PFUnA)	NA	0.26	J	0.20	11.5	U	1.43	NR			8.01	U	1.00	3.07	U	0.38			

NR: Not Analyzed

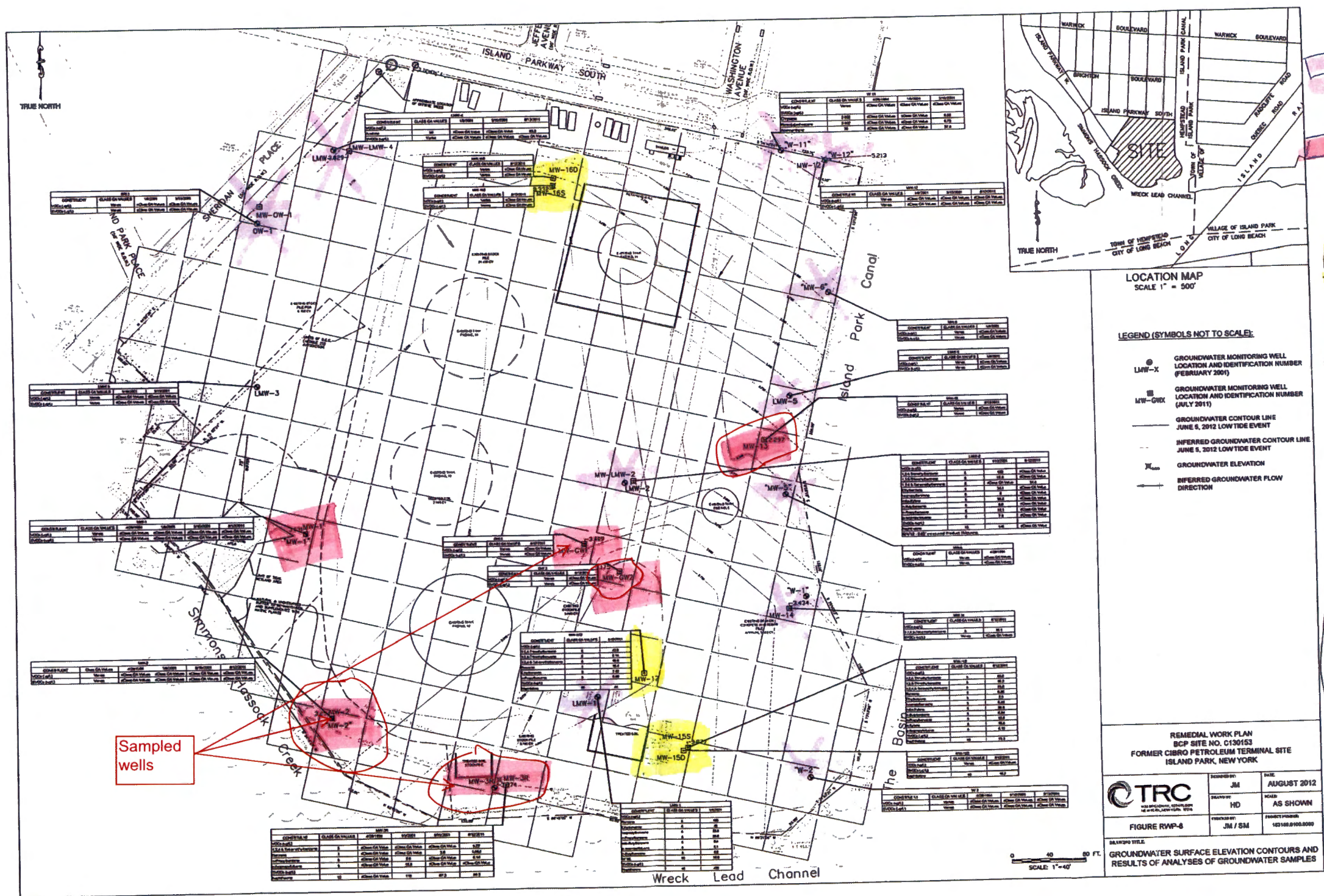
B : The analyte was found in an associated blank, as well as in the sample.

J : Indicates an estimated value.

U : Analyzed for but not detected.

Client ID	NY NYSDEC	EB1		MW-GW1		MW3R		MW-2		
Lab Sample ID	Groundwater	460-160998-1		460-160998-2		460-160998-3		460-160998-4		
Sampling Date	Criteria	07/19/2018 09:50:00		07/19/2018 10:45:00		07/19/2018 11:15:00		07/19/2018 12:22:00		
Matrix		Water		Water		Water		Water		
Dilution Factor		1		1		1		1		
Unit	ug/l	ug/l		ug/l		ug/l		ug/l		
SVOA-8270D SIM ID-WATER		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 8270D SIM ID										
1,4-Dioxane	NA	0.40		0.016	0.057	J	0.016	0.064	J	0.016
Total Conc	NA	0.4		0.057				0.064		0.045

J : Indicates an estimated value.



DAMAGED
DESTROYED

OF

may be
to be further
evaluated

Proposed
PFAS and
dioxane
sampling
locations

MW-6180

BASED ON
April 2018
INSPECTION

Sampled
wells

REMEDIAL WORK PLAN
BCP SITE NO. C130153
FORMER CIBRO PETROLEUM TERMINAL SITE
ISLAND PARK, NEW YORK

TRC

FIGURE RWP-8
GROUNDWATER SURFACE ELEVATION CONTOURS AND
RESULTS OF ANALYSES OF GROUNDWATER SAMPLES

REVISION	DATE	BY	APP'D
1	AUGUST 2012	JM	HD
2	AS SHOWN	HD	JM / SM

PROJECT NUMBER: 103100.0100.0000

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Edison

777 New Durham Road

Edison, NJ 08817

Tel: (732)549-3900

TestAmerica Job ID: 460-160998-1

Client Project/Site: Nassau Brownfield

For:

Posillico Dev Company at Harbor Isle LLC

1750 New Highway

Farmingdale, New York 11735

Attn: Ellis Koch



Authorized for release by:

8/17/2018 9:53:38 AM

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LINKS

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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Posillico Dev Company at Harbor Isle LLC
Project/Site: Nassau Brownfield

TestAmerica Job ID: 460-160998-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
U	Analyzed for but not detected.
B	The analyte was found in an associated blank, as well as in the sample.
J	Indicates an estimated value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Posillico Dev Company at Harbor Isle LLC
Project/Site: Nassau Brownfield

TestAmerica Job ID: 460-160998-1

Job ID: 460-160998-1

Laboratory: TestAmerica Edison

Narrative

Job Narrative
460-160998-1

Comments

No additional comments.

Receipt

The samples were received on 7/20/2018 6:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.5° C.

GC/MS Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

LCMS

Method(s) 537 (modified): Internal standard responses were outside of acceptance limits for the following samples: GW1 (460-160998-2), MW3R (460-160998-3) and MW2 (460-160998-4). The sample(s) shows evidence of matrix interference.

Method(s) 537 (modified): This CCV serves as a low level continuing calibration verification (CCVL) for 6:2 FTS and 8:2 FTS associated with batch 200-132560 recovered above the upper control limit for a CCV, but within the limits of a CCVL; therefore, the data has been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Posillico Dev Company at Harbor Isle LLC
Project/Site: Nassau Brownfield

TestAmerica Job ID: 460-160998-1

Client Sample ID: EB1

Lab Sample ID: 460-160998-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.40		0.20	0.016	ug/L	1		8270D SIM ID	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.26	J	1.62	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.23	J B	1.62	0.21	ng/L	1		537 (modified)	Total/NA

Client Sample ID: GW1

Lab Sample ID: 460-160998-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.057	J	0.20	0.016	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	226	B	11.5	2.35	ng/L	5		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	13.5		11.5	4.30	ng/L	5		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	11.7	B	11.5	1.38	ng/L	5		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	19.4		11.5	1.84	ng/L	5		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	24.7	B	11.5	1.84	ng/L	5		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	11.2	J	11.5	2.18	ng/L	5		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	2.26	J	11.5	2.18	ng/L	5		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	12.8		11.5	2.53	ng/L	5		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	3.05	J B	11.5	1.49	ng/L	5		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	31.0		11.5	4.36	ng/L	5		537 (modified)	Total/NA

Client Sample ID: MW3R

Lab Sample ID: 460-160998-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.064	J	0.20	0.016	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	195	B	8.01	1.64	ng/L	5		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	19.6		8.01	3.00	ng/L	5		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	5.84	J B	8.01	0.96	ng/L	5		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	9.71	J	16.0	2.56	ng/L	10		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	28.6	B	16.0	2.56	ng/L	10		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	3.77	J	8.01	1.52	ng/L	5		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	21.1		8.01	1.76	ng/L	5		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	4.65	J B	16.0	2.08	ng/L	10		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	17.9		8.01	3.04	ng/L	5		537 (modified)	Total/NA

Client Sample ID: MW2

Lab Sample ID: 460-160998-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.045	J	0.20	0.016	ug/L	1		8270D SIM ID	Total/NA
Perfluorobutanoic acid (PFBA)	43.8	B	3.07	0.63	ng/L	2		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	6.77		3.07	1.15	ng/L	2		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	6.31	B	3.07	0.37	ng/L	2		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	6.34		3.07	0.49	ng/L	2		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	13.2	B	3.07	0.49	ng/L	2		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	2.36	J	3.07	0.58	ng/L	2		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.64	J	3.07	0.58	ng/L	2		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	6.67		3.07	0.68	ng/L	2		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.93	J B	3.07	0.40	ng/L	2		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	6.26		3.07	1.17	ng/L	2		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

Client Sample Results

Client: Posillico Dev Company at Harbor Isle LLC
Project/Site: Nassau Brownfield

TestAmerica Job ID: 460-160998-1

Client Sample ID: EB1

Lab Sample ID: 460-160998-1

Date Collected: 07/19/18 09:50

Matrix: Water

Date Received: 07/20/18 18:40

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.40		0.20	0.016	ug/L		07/23/18 11:16	07/24/18 12:25	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	40		10 - 150				07/23/18 11:16	07/24/18 12:25	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	1.62	U	1.62	0.33	ng/L		07/25/18 11:15	08/06/18 23:16	1
Perfluoropentanoic acid (PFPeA)	1.62	U	1.62	0.61	ng/L		07/25/18 11:15	08/06/18 23:16	1
Perfluorohexanoic acid (PFHxA)	1.62	U	1.62	0.19	ng/L		07/25/18 11:15	08/06/18 23:16	1
Perfluoroheptanoic acid (PFHpA)	1.62	U	1.62	0.26	ng/L		07/25/18 11:15	08/06/18 23:16	1
Perfluorooctanoic acid (PFOA)	1.62	U	1.62	0.26	ng/L		07/25/18 11:15	08/06/18 23:16	1
Perfluorononanoic acid (PFNA)	1.62	U	1.62	0.31	ng/L		07/25/18 11:15	08/06/18 23:16	1
Perfluorodecanoic acid (PFDA)	1.62	U	1.62	0.31	ng/L		07/25/18 11:15	08/06/18 23:16	1
Perfluoroundecanoic acid (PFUnA)	0.26	J	1.62	0.20	ng/L		07/25/18 11:15	08/06/18 23:16	1
Perfluorododecanoic acid (PFDoA)	1.62	U	1.62	0.28	ng/L		07/25/18 11:15	08/06/18 23:16	1
Perfluorotridecanoic Acid (PFTriA)	1.62	U	1.62	0.19	ng/L		07/25/18 11:15	08/06/18 23:16	1
Perfluorotetradecanoic acid (PFTeA)	1.62	U	1.62	0.37	ng/L		07/25/18 11:15	08/06/18 23:16	1
Perfluorobutanesulfonic acid (PFBS)	1.62	U	1.62	0.36	ng/L		07/25/18 11:15	08/06/18 23:16	1
Perfluorohexanesulfonic acid (PFHxS)	0.23	J B	1.62	0.21	ng/L		07/25/18 11:15	08/06/18 23:16	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.62	U	1.62	0.67	ng/L		07/25/18 11:15	08/06/18 23:16	1
Perfluorooctanesulfonic acid (PFOS)	1.62	U	1.62	0.62	ng/L		07/25/18 11:15	08/06/18 23:16	1
Perfluorodecanesulfonic acid (PFDS)	1.62	U	1.62	0.43	ng/L		07/25/18 11:15	08/06/18 23:16	1
Perfluorooctane Sulfonamide (FOSA)	1.62	U	1.62	0.45	ng/L		07/25/18 11:15	08/06/18 23:16	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	16.2	U	16.2	0.37	ng/L		07/25/18 11:15	08/06/18 23:16	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	16.2	U	16.2	0.57	ng/L		07/25/18 11:15	08/06/18 23:16	1
6:2 FTS	16.2	U	16.2	0.81	ng/L		07/25/18 11:15	08/06/18 23:16	1
8:2 FTS	16.2	U	16.2	0.45	ng/L		07/25/18 11:15	08/06/18 23:16	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	90		25 - 150				07/25/18 11:15	08/06/18 23:16	1
13C5 PFPeA	82		25 - 150				07/25/18 11:15	08/06/18 23:16	1
13C2 PFHxA	81		25 - 150				07/25/18 11:15	08/06/18 23:16	1
13C4-PFHpA	80		25 - 150				07/25/18 11:15	08/06/18 23:16	1
13C4 PFOA	90		25 - 150				07/25/18 11:15	08/06/18 23:16	1
13C5 PFNA	88		25 - 150				07/25/18 11:15	08/06/18 23:16	1
13C2 PFDA	88		25 - 150				07/25/18 11:15	08/06/18 23:16	1
13C2 PFUnA	96		25 - 150				07/25/18 11:15	08/06/18 23:16	1
13C2 PFDoA	81		25 - 150				07/25/18 11:15	08/06/18 23:16	1
13C2-PFTeDA	68		25 - 150				07/25/18 11:15	08/06/18 23:16	1
13C3-PFBS	83		25 - 150				07/25/18 11:15	08/06/18 23:16	1
18O2 PFHxS	79		25 - 150				07/25/18 11:15	08/06/18 23:16	1
13C4 PFOS	89		25 - 150				07/25/18 11:15	08/06/18 23:16	1
13C8 FOSA	52		25 - 150				07/25/18 11:15	08/06/18 23:16	1
d3-NMeFOSAA	77		25 - 150				07/25/18 11:15	08/06/18 23:16	1
d5-NEtFOSAA	79		25 - 150				07/25/18 11:15	08/06/18 23:16	1
M2-6:2FTS	101		25 - 150				07/25/18 11:15	08/06/18 23:16	1

TestAmerica Edison

Client Sample Results

Client: Posillico Dev Company at Harbor Isle LLC
Project/Site: Nassau Brownfield

TestAmerica Job ID: 460-160998-1

Client Sample ID: EB1

Date Collected: 07/19/18 09:50

Date Received: 07/20/18 18:40

Lab Sample ID: 460-160998-1

Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-8:2FTS	99		25 - 150	07/25/18 11:15	08/06/18 23:16	1

Client Sample ID: GW1

Date Collected: 07/19/18 10:45

Date Received: 07/20/18 18:40

Lab Sample ID: 460-160998-2

Matrix: Water

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.057	J	0.20	0.016	ug/L		07/23/18 11:16	07/24/18 12:43	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	42		10 - 150				07/23/18 11:16	07/24/18 12:43	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	226	B	11.5	2.35	ng/L		07/25/18 11:15	08/06/18 23:32	5
Perfluoropentanoic acid (PFPeA)	13.5		11.5	4.30	ng/L		07/25/18 11:15	08/06/18 23:32	5
Perfluorohexanoic acid (PFHxA)	11.7	B	11.5	1.38	ng/L		07/25/18 11:15	08/06/18 23:32	5
Perfluoroheptanoic acid (PFHpA)	19.4		11.5	1.84	ng/L		07/25/18 11:15	08/06/18 23:32	5
Perfluorooctanoic acid (PFOA)	24.7	B	11.5	1.84	ng/L		07/25/18 11:15	08/06/18 23:32	5
Perfluorononanoic acid (PFNA)	11.2	J	11.5	2.18	ng/L		07/25/18 11:15	08/06/18 23:32	5
Perfluorodecanoic acid (PFDA)	2.26	J	11.5	2.18	ng/L		07/25/18 11:15	08/06/18 23:32	5
Perfluoroundecanoic acid (PFUnA)	11.5	U	11.5	1.43	ng/L		07/25/18 11:15	08/06/18 23:32	5
Perfluorododecanoic acid (PFDoA)	11.5	U	11.5	2.01	ng/L		07/25/18 11:15	08/06/18 23:32	5
Perfluorotridecanoic Acid (PFTriA)	11.5	U	11.5	1.38	ng/L		07/25/18 11:15	08/06/18 23:32	5
Perfluorotetradecanoic acid (PFTeA)	11.5	U	11.5	2.58	ng/L		07/25/18 11:15	08/06/18 23:32	5
Perfluorobutanesulfonic acid (PFBS)	12.8		11.5	2.53	ng/L		07/25/18 11:15	08/06/18 23:32	5
Perfluorohexanesulfonic acid (PFHxS)	3.05	J B	11.5	1.49	ng/L		07/25/18 11:15	08/06/18 23:32	5
Perfluoroheptanesulfonic Acid (PFHpS)	11.5	U	11.5	4.71	ng/L		07/25/18 11:15	08/06/18 23:32	5
Perfluorooctanesulfonic acid (PFOS)	31.0		11.5	4.36	ng/L		07/25/18 11:15	08/06/18 23:32	5
Perfluorodecanesulfonic acid (PFDS)	11.5	U	11.5	3.04	ng/L		07/25/18 11:15	08/06/18 23:32	5
Perfluorooctane Sulfonamide (FOSA)	11.5	U	11.5	3.21	ng/L		07/25/18 11:15	08/06/18 23:32	5
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	115	U	115	2.58	ng/L		07/25/18 11:15	08/06/18 23:32	5
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	115	U	115	4.02	ng/L		07/25/18 11:15	08/06/18 23:32	5
6:2 FTS	115	U	115	5.74	ng/L		07/25/18 11:15	08/06/18 23:32	5
8:2 FTS	115	U	115	3.21	ng/L		07/25/18 11:15	08/06/18 23:32	5
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	22		25 - 150				07/25/18 11:15	08/06/18 23:32	5
13C5 PFPeA	59		25 - 150				07/25/18 11:15	08/06/18 23:32	5
13C2 PFHxA	54		25 - 150				07/25/18 11:15	08/06/18 23:32	5
13C4-PFHpA	70		25 - 150				07/25/18 11:15	08/06/18 23:32	5
13C4 PFOA	93		25 - 150				07/25/18 11:15	08/06/18 23:32	5
13C5 PFNA	92		25 - 150				07/25/18 11:15	08/06/18 23:32	5
13C2 PFDA	92		25 - 150				07/25/18 11:15	08/06/18 23:32	5
13C2 PFUnA	96		25 - 150				07/25/18 11:15	08/06/18 23:32	5
13C2 PFDoA	68		25 - 150				07/25/18 11:15	08/06/18 23:32	5

TestAmerica Edison

Client Sample Results

Client: Posillico Dev Company at Harbor Isle LLC
Project/Site: Nassau Brownfield

TestAmerica Job ID: 460-160998-1

Client Sample ID: GW1

Date Collected: 07/19/18 10:45

Date Received: 07/20/18 18:40

Lab Sample ID: 460-160998-2

Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2-PFTeDA	70		25 - 150	07/25/18 11:15	08/06/18 23:32	5
13C3-PFBS	67		25 - 150	07/25/18 11:15	08/06/18 23:32	5
18O2 PFHxS	90		25 - 150	07/25/18 11:15	08/06/18 23:32	5
13C4 PFOS	88		25 - 150	07/25/18 11:15	08/06/18 23:32	5
13C8 FOSA	57		25 - 150	07/25/18 11:15	08/06/18 23:32	5
d3-NMeFOSAA	97		25 - 150	07/25/18 11:15	08/06/18 23:32	5
d5-NEtFOSAA	124		25 - 150	07/25/18 11:15	08/06/18 23:32	5
M2-6:2FTS	179		25 - 150	07/25/18 11:15	08/06/18 23:32	5
M2-8:2FTS	145		25 - 150	07/25/18 11:15	08/06/18 23:32	5

Client Sample ID: MW3R

Date Collected: 07/19/18 11:15

Date Received: 07/20/18 18:40

Lab Sample ID: 460-160998-3

Matrix: Water

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.064	J	0.20	0.016	ug/L		07/23/18 11:16	07/24/18 13:01	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	35		10 - 150				07/23/18 11:16	07/24/18 13:01	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	195	B	8.01	1.64	ng/L		07/25/18 11:15	08/06/18 23:48	5
Perfluoropentanoic acid (PFPeA)	19.6		8.01	3.00	ng/L		07/25/18 11:15	08/06/18 23:48	5
Perfluorohexanoic acid (PFHxA)	5.84	J B	8.01	0.96	ng/L		07/25/18 11:15	08/06/18 23:48	5
Perfluoroheptanoic acid (PFHpA)	9.71	J	16.0	2.56	ng/L		07/25/18 11:15	08/07/18 17:25	10
Perfluorooctanoic acid (PFOA)	28.6	B	16.0	2.56	ng/L		07/25/18 11:15	08/07/18 17:25	10
Perfluorononanoic acid (PFNA)	3.77	J	8.01	1.52	ng/L		07/25/18 11:15	08/06/18 23:48	5
Perfluorodecanoic acid (PFDA)	8.01	U	8.01	1.52	ng/L		07/25/18 11:15	08/06/18 23:48	5
Perfluoroundecanoic acid (PFUnA)	8.01	U	8.01	1.00	ng/L		07/25/18 11:15	08/06/18 23:48	5
Perfluorododecanoic acid (PFDoA)	8.01	U	8.01	1.40	ng/L		07/25/18 11:15	08/06/18 23:48	5
Perfluorotridecanoic Acid (PFTriA)	8.01	U	8.01	0.96	ng/L		07/25/18 11:15	08/06/18 23:48	5
Perfluorotetradecanoic acid (PFTeA)	8.01	U	8.01	1.80	ng/L		07/25/18 11:15	08/06/18 23:48	5
Perfluorobutanesulfonic acid (PFBS)	21.1		8.01	1.76	ng/L		07/25/18 11:15	08/06/18 23:48	5
Perfluorohexanesulfonic acid (PFHxS)	4.65	J B	16.0	2.08	ng/L		07/25/18 11:15	08/07/18 17:25	10
Perfluoroheptanesulfonic Acid (PFHpS)	8.01	U	8.01	3.28	ng/L		07/25/18 11:15	08/06/18 23:48	5
Perfluorooctanesulfonic acid (PFOS)	17.9		8.01	3.04	ng/L		07/25/18 11:15	08/06/18 23:48	5
Perfluorodecanesulfonic acid (PFDS)	8.01	U	8.01	2.12	ng/L		07/25/18 11:15	08/06/18 23:48	5
Perfluorooctane Sulfonamide (FOSA)	8.01	U	8.01	2.24	ng/L		07/25/18 11:15	08/06/18 23:48	5
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	80.1	U	80.1	1.80	ng/L		07/25/18 11:15	08/06/18 23:48	5
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	80.1	U	80.1	2.80	ng/L		07/25/18 11:15	08/06/18 23:48	5
6:2 FTS	80.1	U	80.1	4.00	ng/L		07/25/18 11:15	08/06/18 23:48	5
8:2 FTS	80.1	U	80.1	2.24	ng/L		07/25/18 11:15	08/06/18 23:48	5
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	23		25 - 150				07/25/18 11:15	08/06/18 23:48	5

TestAmerica Edison

Client Sample Results

Client: Posillico Dev Company at Harbor Isle LLC
Project/Site: Nassau Brownfield

TestAmerica Job ID: 460-160998-1

Client Sample ID: MW3R

Date Collected: 07/19/18 11:15

Date Received: 07/20/18 18:40

Lab Sample ID: 460-160998-3

Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFPeA	119		25 - 150	07/25/18 11:15	08/06/18 23:48	5
13C2 PFHxA	44		25 - 150	07/25/18 11:15	08/06/18 23:48	5
13C4-PFHpA	82		25 - 150	07/25/18 11:15	08/07/18 17:25	10
13C4 PFOA	93		25 - 150	07/25/18 11:15	08/07/18 17:25	10
13C5 PFNA	124		25 - 150	07/25/18 11:15	08/06/18 23:48	5
13C2 PFDA	121		25 - 150	07/25/18 11:15	08/06/18 23:48	5
13C2 PFUnA	128		25 - 150	07/25/18 11:15	08/06/18 23:48	5
13C2 PFDaA	106		25 - 150	07/25/18 11:15	08/06/18 23:48	5
13C2-PFTeDA	89		25 - 150	07/25/18 11:15	08/06/18 23:48	5
13C3-PFBS	82		25 - 150	07/25/18 11:15	08/06/18 23:48	5
18O2 PFHxS	72		25 - 150	07/25/18 11:15	08/07/18 17:25	10
13C4 PFOS	114		25 - 150	07/25/18 11:15	08/06/18 23:48	5
13C8 FOSA	79		25 - 150	07/25/18 11:15	08/06/18 23:48	5
d3-NMeFOSAA	132		25 - 150	07/25/18 11:15	08/06/18 23:48	5
d5-NEtFOSAA	168		25 - 150	07/25/18 11:15	08/06/18 23:48	5
M2-6:2FTS	279		25 - 150	07/25/18 11:15	08/06/18 23:48	5
M2-8:2FTS	205		25 - 150	07/25/18 11:15	08/06/18 23:48	5

Client Sample ID: MW2

Date Collected: 07/19/18 12:22

Date Received: 07/20/18 18:40

Lab Sample ID: 460-160998-4

Matrix: Water

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.045	J	0.20	0.016	ug/L		07/23/18 11:16	07/24/18 13:18	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	38		10 - 150				07/23/18 11:16	07/24/18 13:18	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	43.8	B	3.07	0.63	ng/L		07/25/18 11:15	08/07/18 00:04	2
Perfluoropentanoic acid (PFPeA)	6.77		3.07	1.15	ng/L		07/25/18 11:15	08/07/18 00:04	2
Perfluorohexanoic acid (PFHxA)	6.31	B	3.07	0.37	ng/L		07/25/18 11:15	08/07/18 00:04	2
Perfluoroheptanoic acid (PFHpA)	6.34		3.07	0.49	ng/L		07/25/18 11:15	08/07/18 00:04	2
Perfluorooctanoic acid (PFOA)	13.2	B	3.07	0.49	ng/L		07/25/18 11:15	08/07/18 00:04	2
Perfluorononanoic acid (PFNA)	2.36	J	3.07	0.58	ng/L		07/25/18 11:15	08/07/18 00:04	2
Perfluorodecanoic acid (PFDA)	0.64	J	3.07	0.58	ng/L		07/25/18 11:15	08/07/18 00:04	2
Perfluoroundecanoic acid (PFUnA)	3.07	U	3.07	0.38	ng/L		07/25/18 11:15	08/07/18 00:04	2
Perfluorododecanoic acid (PFDaA)	3.07	U	3.07	0.54	ng/L		07/25/18 11:15	08/07/18 00:04	2
Perfluorotridecanoic Acid (PFTriA)	3.07	U	3.07	0.37	ng/L		07/25/18 11:15	08/07/18 00:04	2
Perfluorotetradecanoic acid (PFTeA)	3.07	U	3.07	0.69	ng/L		07/25/18 11:15	08/07/18 00:04	2
Perfluorobutanesulfonic acid (PFBS)	6.67		3.07	0.68	ng/L		07/25/18 11:15	08/07/18 00:04	2
Perfluorohexanesulfonic acid (PFHxS)	2.93	J B	3.07	0.40	ng/L		07/25/18 11:15	08/07/18 00:04	2
Perfluoroheptanesulfonic Acid (PFHpS)	3.07	U	3.07	1.26	ng/L		07/25/18 11:15	08/07/18 00:04	2
Perfluorooctanesulfonic acid (PFOS)	6.26		3.07	1.17	ng/L		07/25/18 11:15	08/07/18 00:04	2
Perfluorodecanesulfonic acid (PFDS)	3.07	U	3.07	0.81	ng/L		07/25/18 11:15	08/07/18 00:04	2
Perfluorooctane Sulfonamide (FOSA)	3.07	U	3.07	0.86	ng/L		07/25/18 11:15	08/07/18 00:04	2

TestAmerica Edison

Client Sample Results

Client: Posillico Dev Company at Harbor Isle LLC
Project/Site: Nassau Brownfield

TestAmerica Job ID: 460-160998-1

Client Sample ID: MW2

Date Collected: 07/19/18 12:22

Date Received: 07/20/18 18:40

Lab Sample ID: 460-160998-4

Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methyl perfluorooctane	30.7	U	30.7	0.69	ng/L		07/25/18 11:15	08/07/18 00:04	2
sulfonamidoacetic acid (NMeFOSAA)									
N-ethyl perfluorooctane	30.7	U	30.7	1.07	ng/L		07/25/18 11:15	08/07/18 00:04	2
sulfonamidoacetic acid (NEtFOSAA)									
6:2 FTS	30.7	U	30.7	1.54	ng/L		07/25/18 11:15	08/07/18 00:04	2
8:2 FTS	30.7	U	30.7	0.86	ng/L		07/25/18 11:15	08/07/18 00:04	2
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	16		25 - 150				07/25/18 11:15	08/07/18 00:04	2
13C5 PFPeA	42		25 - 150				07/25/18 11:15	08/07/18 00:04	2
13C2 PFHxA	40		25 - 150				07/25/18 11:15	08/07/18 00:04	2
13C4-PFHpA	62		25 - 150				07/25/18 11:15	08/07/18 00:04	2
13C4 PFOA	83		25 - 150				07/25/18 11:15	08/07/18 00:04	2
13C5 PFNA	93		25 - 150				07/25/18 11:15	08/07/18 00:04	2
13C2 PFDA	106		25 - 150				07/25/18 11:15	08/07/18 00:04	2
13C2 PFUnA	106		25 - 150				07/25/18 11:15	08/07/18 00:04	2
13C2 PFDoA	85		25 - 150				07/25/18 11:15	08/07/18 00:04	2
13C2-PFTeDA	93		25 - 150				07/25/18 11:15	08/07/18 00:04	2
13C3-PFBS	50		25 - 150				07/25/18 11:15	08/07/18 00:04	2
18O2 PFHxS	73		25 - 150				07/25/18 11:15	08/07/18 00:04	2
13C4 PFOS	80		25 - 150				07/25/18 11:15	08/07/18 00:04	2
13C8 FOSA	75		25 - 150				07/25/18 11:15	08/07/18 00:04	2
d3-NMeFOSAA	102		25 - 150				07/25/18 11:15	08/07/18 00:04	2
d5-NEtFOSAA	107		25 - 150				07/25/18 11:15	08/07/18 00:04	2
M2-6:2FTS	175		25 - 150				07/25/18 11:15	08/07/18 00:04	2
M2-8:2FTS	160		25 - 150				07/25/18 11:15	08/07/18 00:04	2

TestAmerica Edison

Isotope Dilution Summary

Client: Posillico Dev Company at Harbor Isle LLC
Project/Site: Nassau Brownfield

TestAmerica Job ID: 460-160998-1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	DXE (10-150)
460-160998-1	EB1	40
460-160998-2	GW1	42
460-160998-3	MW3R	35
460-160998-4	MW2	38
MB 460-538900/1-A	Method Blank	39

Surrogate Legend

DXE = 1,4-Dioxane-d8

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	DXE (10-200)
LCS 460-538900/2-A	Lab Control Sample	36
LCS 460-538900/3-A	Lab Control Sample Dup	41

Surrogate Legend

DXE = 1,4-Dioxane-d8

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	PFBA (25-150)	PFPeA (25-150)	PFHxA (25-150)	PFHpA (25-150)	PFOA (25-150)	PFNA (25-150)	PFDA (25-150)	PFUnA (25-150)
460-160998-1	EB1	90	82	81	80	90	88	88	96
460-160998-2	GW1	22	59	54	70	93	92	92	96
460-160998-3	MW3R	23	119	44			124	121	128
460-160998-3	MW3R				82	93			
460-160998-4	MW2	16	42	40	62	83	93	106	106
LCS 200-132143/2-A	Lab Control Sample	88	99	100	85	97	86	92	93
MB 200-132143/1-A	Method Blank	100	107	106	93	99	106	106	106

Percent Isotope Dilution Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	PFDoA (25-150)	PFTDA (25-150)	3C3-PFBz (25-150)	PFHxS (25-150)	PFOS (25-150)	PFOSA (25-150)	-NMeFOS (25-150)	-NEtFOS/ (25-150)
460-160998-1	EB1	81	68	83	79	89	52	77	79
460-160998-2	GW1	68	70	67	90	88	57	97	124
460-160998-3	MW3R	106	89	82		114	79	132	168
460-160998-3	MW3R				72				
460-160998-4	MW2	85	93	50	73	80	75	102	107
LCS 200-132143/2-A	Lab Control Sample	73	56	87	84	87	51	83	78
MB 200-132143/1-A	Method Blank	82	50	94	97	96	59	88	92

Percent Isotope Dilution Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	M262FTS (25-150)	M282FTS (25-150)
460-160998-1	EB1	101	99
460-160998-2	GW1	179	145

TestAmerica Edison

Isotope Dilution Summary

Client: Posillico Dev Company at Harbor Isle LLC
Project/Site: Nassau Brownfield

TestAmerica Job ID: 460-160998-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)	
		M262FTS (25-150)	M282FTS (25-150)
460-160998-3	MW3R	279	205
460-160998-3	MW3R		
460-160998-4	MW2	175	160
LCS 200-132143/2-A	Lab Control Sample	104	101
MB 200-132143/1-A	Method Blank	102	114

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
PFHxA = 13C2 PFHxA
PFHpA = 13C4-PFHpA
PFOA = 13C4 PFOA
PFNA = 13C5 PFNA
PFDA = 13C2 PFDA
PFUnA = 13C2 PFUnA
PFDaA = 13C2 PFDaA
PFTDA = 13C2-PFTeDA
13C3-PFBS = 13C3-PFBS
PFHxS = 18O2 PFHxS
PFOS = 13C4 PFOS
PFOSA = 13C8 FOSA
d3-NMeFOSAA = d3-NMeFOSAA
d5-NEtFOSAA = d5-NEtFOSAA
M262FTS = M2-6:2FTS
M282FTS = M2-8:2FTS

QC Sample Results

Client: Posillico Dev Company at Harbor Isle LLC
Project/Site: Nassau Brownfield

TestAmerica Job ID: 460-160998-1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 460-538900/1-A
Matrix: Water
Analysis Batch: 539173

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 538900

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.20	U	0.20	0.016	ug/L		07/23/18 11:16	07/24/18 11:31	1
Isotope Dilution	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	39		10 - 150				07/23/18 11:16	07/24/18 11:31	1

Lab Sample ID: LCS 460-538900/2-A
Matrix: Water
Analysis Batch: 539173

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 538900

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,4-Dioxane	1.60	1.83		ug/L		114	10 - 200
Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits				
1,4-Dioxane-d8	36		10 - 200				

Lab Sample ID: LCSD 460-538900/3-A
Matrix: Water
Analysis Batch: 539173

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 538900

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,4-Dioxane	1.60	1.77		ug/L		111	10 - 200	3	50
Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits						
1,4-Dioxane-d8	41		10 - 200						

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 200-132143/1-A
Matrix: Water
Analysis Batch: 132560

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132143

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.837	J	2.00	0.41	ng/L		07/25/18 11:15	08/06/18 22:45	1
Perfluoropentanoic acid (PFPeA)	2.00	U	2.00	0.75	ng/L		07/25/18 11:15	08/06/18 22:45	1
Perfluorohexanoic acid (PFHxA)	0.347	J	2.00	0.24	ng/L		07/25/18 11:15	08/06/18 22:45	1
Perfluoroheptanoic acid (PFHpA)	2.00	U	2.00	0.32	ng/L		07/25/18 11:15	08/06/18 22:45	1
Perfluorooctanoic acid (PFOA)	0.499	J	2.00	0.32	ng/L		07/25/18 11:15	08/06/18 22:45	1
Perfluorononanoic acid (PFNA)	2.00	U	2.00	0.38	ng/L		07/25/18 11:15	08/06/18 22:45	1
Perfluorodecanoic acid (PFDA)	2.00	U	2.00	0.38	ng/L		07/25/18 11:15	08/06/18 22:45	1
Perfluoroundecanoic acid (PFUnA)	2.00	U	2.00	0.25	ng/L		07/25/18 11:15	08/06/18 22:45	1
Perfluorododecanoic acid (PFDoA)	2.00	U	2.00	0.35	ng/L		07/25/18 11:15	08/06/18 22:45	1
Perfluorotridecanoic Acid (PFTriA)	2.00	U	2.00	0.24	ng/L		07/25/18 11:15	08/06/18 22:45	1
Perfluorotetradecanoic acid (PFTeA)	2.00	U	2.00	0.45	ng/L		07/25/18 11:15	08/06/18 22:45	1
Perfluorobutanesulfonic acid (PFBS)	2.00	U	2.00	0.44	ng/L		07/25/18 11:15	08/06/18 22:45	1
Perfluorohexanesulfonic acid (PFHxS)	0.284	J	2.00	0.26	ng/L		07/25/18 11:15	08/06/18 22:45	1
Perfluoroheptanesulfonic Acid (PFHpS)	2.00	U	2.00	0.82	ng/L		07/25/18 11:15	08/06/18 22:45	1
Perfluorooctanesulfonic acid (PFOS)	2.00	U	2.00	0.76	ng/L		07/25/18 11:15	08/06/18 22:45	1
Perfluorodecanesulfonic acid (PFDS)	2.00	U	2.00	0.53	ng/L		07/25/18 11:15	08/06/18 22:45	1

TestAmerica Edison

QC Sample Results

Client: Posillico Dev Company at Harbor Isle LLC
Project/Site: Nassau Brownfield

TestAmerica Job ID: 460-160998-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 200-132143/1-A

Matrix: Water

Analysis Batch: 132560

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 132143

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctane Sulfonamide (FOSA)	2.00	U	2.00	0.56	ng/L		07/25/18 11:15	08/06/18 22:45	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	20.0	U	20.0	0.45	ng/L		07/25/18 11:15	08/06/18 22:45	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	3.215	J	20.0	0.70	ng/L		07/25/18 11:15	08/06/18 22:45	1
6:2 FTS	2.538	J	20.0	1.00	ng/L		07/25/18 11:15	08/06/18 22:45	1
8:2 FTS	20.0	U	20.0	0.56	ng/L		07/25/18 11:15	08/06/18 22:45	1
Isotope Dilution	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	100		25 - 150				07/25/18 11:15	08/06/18 22:45	1
13C5 PFPeA	107		25 - 150				07/25/18 11:15	08/06/18 22:45	1
13C2 PFHxA	106		25 - 150				07/25/18 11:15	08/06/18 22:45	1
13C4-PFHpA	93		25 - 150				07/25/18 11:15	08/06/18 22:45	1
13C4 PFOA	99		25 - 150				07/25/18 11:15	08/06/18 22:45	1
13C5 PFNA	106		25 - 150				07/25/18 11:15	08/06/18 22:45	1
13C2 PFDA	106		25 - 150				07/25/18 11:15	08/06/18 22:45	1
13C2 PFUnA	106		25 - 150				07/25/18 11:15	08/06/18 22:45	1
13C2 PFDoA	82		25 - 150				07/25/18 11:15	08/06/18 22:45	1
13C2-PFTeDA	50		25 - 150				07/25/18 11:15	08/06/18 22:45	1
13C3-PFBS	94		25 - 150				07/25/18 11:15	08/06/18 22:45	1
18O2 PFHxS	97		25 - 150				07/25/18 11:15	08/06/18 22:45	1
13C4 PFOS	96		25 - 150				07/25/18 11:15	08/06/18 22:45	1
13C8 FOSA	59		25 - 150				07/25/18 11:15	08/06/18 22:45	1
d3-NMeFOSAA	88		25 - 150				07/25/18 11:15	08/06/18 22:45	1
d5-NEtFOSAA	92		25 - 150				07/25/18 11:15	08/06/18 22:45	1
M2-6:2FTS	102		25 - 150				07/25/18 11:15	08/06/18 22:45	1
M2-8:2FTS	114		25 - 150				07/25/18 11:15	08/06/18 22:45	1

Lab Sample ID: LCS 200-132143/2-A

Matrix: Water

Analysis Batch: 132560

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 132143

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Perfluorobutanoic acid (PFBA)	40.0	52.81		ng/L		132	50 - 150
Perfluoropentanoic acid (PFPeA)	40.0	41.19		ng/L		103	50 - 150
Perfluorohexanoic acid (PFHxA)	40.0	49.19		ng/L		123	50 - 150
Perfluoroheptanoic acid (PFHpA)	40.0	54.27		ng/L		136	50 - 150
Perfluorooctanoic acid (PFOA)	40.0	50.68		ng/L		127	50 - 150
Perfluorononanoic acid (PFNA)	40.0	51.00		ng/L		127	50 - 150
Perfluorodecanoic acid (PFDA)	40.0	48.51		ng/L		121	50 - 150
Perfluoroundecanoic acid (PFUnA)	40.0	53.37		ng/L		133	50 - 150
Perfluorododecanoic acid (PFDoA)	40.0	49.81		ng/L		125	50 - 150
Perfluorotridecanoic acid (PFTriA)	40.0	37.96		ng/L		95	50 - 150
Perfluorotetradecanoic acid (PFTeA)	40.0	41.05		ng/L		103	50 - 150
Perfluorobutanesulfonic acid (PFBS)	35.4	46.25		ng/L		131	50 - 150

TestAmerica Edison

QC Sample Results

Client: Posillico Dev Company at Harbor Isle LLC
Project/Site: Nassau Brownfield

TestAmerica Job ID: 460-160998-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 200-132143/2-A				Client Sample ID: Lab Control Sample			
Matrix: Water				Prep Type: Total/NA			
Analysis Batch: 132560				Prep Batch: 132143			
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanesulfonic acid (PFHxS)	36.4	42.46		ng/L		117	50 - 150
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	50.92		ng/L		134	50 - 150
Perfluorooctanesulfonic acid (PFOS)	37.1	52.78		ng/L		142	50 - 150
Perfluorodecanesulfonic acid (PFDS)	38.6	43.11		ng/L		112	50 - 150
Perfluorooctane Sulfonamide (FOSA)	40.0	50.41		ng/L		126	50 - 150
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	40.0	52.41		ng/L		131	50 - 150
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	40.0	52.43		ng/L		131	50 - 150
6:2 FTS	37.9	45.73		ng/L		121	50 - 150
8:2 FTS	38.3	53.45		ng/L		139	50 - 150
Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits				
13C4 PFBA	88		25 - 150				
13C5 PFPeA	99		25 - 150				
13C2 PFHxA	100		25 - 150				
13C4-PFHpA	85		25 - 150				
13C4 PFOA	97		25 - 150				
13C5 PFNA	86		25 - 150				
13C2 PFDA	92		25 - 150				
13C2 PFUnA	93		25 - 150				
13C2 PFDoA	73		25 - 150				
13C2-PFTeDA	56		25 - 150				
13C3-PFBS	87		25 - 150				
18O2 PFHxS	84		25 - 150				
13C4 PFOS	87		25 - 150				
13C8 FOSA	51		25 - 150				
d3-NMeFOSAA	83		25 - 150				
d5-NEtFOSAA	78		25 - 150				
M2-6:2FTS	104		25 - 150				
M2-8:2FTS	101		25 - 150				

QC Association Summary

Client: Posillico Dev Company at Harbor Isle LLC
Project/Site: Nassau Brownfield

TestAmerica Job ID: 460-160998-1

GC/MS Semi VOA

Prep Batch: 538900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-160998-1	EB1	Total/NA	Water	3510C	
460-160998-2	GW1	Total/NA	Water	3510C	
460-160998-3	MW3R	Total/NA	Water	3510C	
460-160998-4	MW2	Total/NA	Water	3510C	
MB 460-538900/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-538900/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-538900/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 539173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-160998-1	EB1	Total/NA	Water	8270D SIM ID	538900
460-160998-2	GW1	Total/NA	Water	8270D SIM ID	538900
460-160998-3	MW3R	Total/NA	Water	8270D SIM ID	538900
460-160998-4	MW2	Total/NA	Water	8270D SIM ID	538900
MB 460-538900/1-A	Method Blank	Total/NA	Water	8270D SIM ID	538900
LCS 460-538900/2-A	Lab Control Sample	Total/NA	Water	8270D SIM ID	538900
LCSD 460-538900/3-A	Lab Control Sample Dup	Total/NA	Water	8270D SIM ID	538900

LCMS

Prep Batch: 132143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-160998-1	EB1	Total/NA	Water	3535	
460-160998-2	GW1	Total/NA	Water	3535	
460-160998-3	MW3R	Total/NA	Water	3535	
460-160998-4	MW2	Total/NA	Water	3535	
MB 200-132143/1-A	Method Blank	Total/NA	Water	3535	
LCS 200-132143/2-A	Lab Control Sample	Total/NA	Water	3535	

Analysis Batch: 132560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-160998-1	EB1	Total/NA	Water	537 (modified)	132143
460-160998-2	GW1	Total/NA	Water	537 (modified)	132143
460-160998-3	MW3R	Total/NA	Water	537 (modified)	132143
460-160998-4	MW2	Total/NA	Water	537 (modified)	132143
MB 200-132143/1-A	Method Blank	Total/NA	Water	537 (modified)	132143
LCS 200-132143/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	132143

Analysis Batch: 132615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-160998-3	MW3R	Total/NA	Water	537 (modified)	132143

TestAmerica Edison

Lab Chronicle

Client: Posillico Dev Company at Harbor Isle LLC
Project/Site: Nassau Brownfield

TestAmerica Job ID: 460-160998-1

Client Sample ID: EB1

Date Collected: 07/19/18 09:50

Date Received: 07/20/18 18:40

Lab Sample ID: 460-160998-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			538900	07/23/18 11:16	ANM	TAL EDI
Total/NA	Analysis	8270D SIM ID		1	539173	07/24/18 12:25	SK	TAL EDI
Total/NA	Prep	3535			132143	07/25/18 11:15	JM1	TAL BUR
Total/NA	Analysis	537 (modified)		1	132560	08/06/18 23:16	BWC	TAL BUR

Client Sample ID: GW1

Date Collected: 07/19/18 10:45

Date Received: 07/20/18 18:40

Lab Sample ID: 460-160998-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			538900	07/23/18 11:16	ANM	TAL EDI
Total/NA	Analysis	8270D SIM ID		1	539173	07/24/18 12:43	SK	TAL EDI
Total/NA	Prep	3535			132143	07/25/18 11:15	JM1	TAL BUR
Total/NA	Analysis	537 (modified)		5	132560	08/06/18 23:32	BWC	TAL BUR

Client Sample ID: MW3R

Date Collected: 07/19/18 11:15

Date Received: 07/20/18 18:40

Lab Sample ID: 460-160998-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			538900	07/23/18 11:16	ANM	TAL EDI
Total/NA	Analysis	8270D SIM ID		1	539173	07/24/18 13:01	SK	TAL EDI
Total/NA	Prep	3535			132143	07/25/18 11:15	JM1	TAL BUR
Total/NA	Analysis	537 (modified)		5	132560	08/06/18 23:48	BWC	TAL BUR
Total/NA	Prep	3535			132143	07/25/18 11:15	JM1	TAL BUR
Total/NA	Analysis	537 (modified)		10	132615	08/07/18 17:25	BWC	TAL BUR

Client Sample ID: MW2

Date Collected: 07/19/18 12:22

Date Received: 07/20/18 18:40

Lab Sample ID: 460-160998-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			538900	07/23/18 11:16	ANM	TAL EDI
Total/NA	Analysis	8270D SIM ID		1	539173	07/24/18 13:18	SK	TAL EDI
Total/NA	Prep	3535			132143	07/25/18 11:15	JM1	TAL BUR
Total/NA	Analysis	537 (modified)		2	132560	08/07/18 00:04	BWC	TAL BUR

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

TestAmerica Edison

Accreditation/Certification Summary

Client: Posillico Dev Company at Harbor Isle LLC
Project/Site: Nassau Brownfield

TestAmerica Job ID: 460-160998-1

Laboratory: TestAmerica Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Connecticut	State Program	1	PH-0200	09-30-18
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	N/A	12-31-18
New Jersey	NELAP	2	12028	06-30-19
New York	NELAP	2	11452	04-01-19
Pennsylvania	NELAP	3	68-00522	02-28-19
Rhode Island	State Program	1	LAO00132	12-30-18
USDA	Federal		NJCA-003-08	06-13-20

Laboratory: TestAmerica Burlington

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10391	04-01-19

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
537 (modified)	3535	Water	6:2 FTS
537 (modified)	3535	Water	8:2 FTS
537 (modified)	3535	Water	N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)
537 (modified)	3535	Water	N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)
537 (modified)	3535	Water	Perfluorobutanesulfonic acid (PFBS)
537 (modified)	3535	Water	Perfluorobutanoic acid (PFBA)
537 (modified)	3535	Water	Perfluorodecanesulfonic acid (PFDS)
537 (modified)	3535	Water	Perfluorodecanoic acid (PFDA)
537 (modified)	3535	Water	Perfluorododecanoic acid (PFDoA)
537 (modified)	3535	Water	Perfluoroheptanesulfonic Acid (PFHpS)
537 (modified)	3535	Water	Perfluoroheptanoic acid (PFHpA)
537 (modified)	3535	Water	Perfluorohexanesulfonic acid (PFHxS)
537 (modified)	3535	Water	Perfluorohexanoic acid (PFHxA)
537 (modified)	3535	Water	Perfluorononanoic acid (PFNA)
537 (modified)	3535	Water	Perfluorooctane Sulfonamide (FOSA)
537 (modified)	3535	Water	Perfluorooctanesulfonic acid (PFOS)
537 (modified)	3535	Water	Perfluorooctanoic acid (PFOA)
537 (modified)	3535	Water	Perfluoropentanoic acid (PFPeA)
537 (modified)	3535	Water	Perfluorotetradecanoic acid (PFTeA)
537 (modified)	3535	Water	Perfluorotridecanoic Acid (PFTriA)
537 (modified)	3535	Water	Perfluoroundecanoic acid (PFUnA)

Method Summary

Client: Posillico Dev Company at Harbor Isle LLC
Project/Site: Nassau Brownfield

TestAmerica Job ID: 460-160998-1

Method	Method Description	Protocol	Laboratory
8270D SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	TAL EDI
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL BUR
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL EDI
3535	Solid-Phase Extraction (SPE)	SW846	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Posillico Dev Company at Harbor Isle LLC
Project/Site: Nassau Brownfield

TestAmerica Job ID: 460-160998-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-160998-1	EB1	Water	07/19/18 09:50	07/20/18 18:40
460-160998-2	GW1	Water	07/19/18 10:45	07/20/18 18:40
460-160998-3	MW3R	Water	07/19/18 11:15	07/20/18 18:40
460-160998-4	MW2	Water	07/19/18 12:22	07/20/18 18:40

TestAmerica

NYSC

CHAIN OF CUSTODY / ANALYSIS REQUIRED

Page 1 of 1

160-160998 Chain of Custody

Special Instructions Category B Deliverables: NYSDEC EQOISEM Water Metals Filtered (Yes/No)? <i>N</i>				
Relinquished by <i>James Smyth</i>	Company <i>PDC@FTI</i>	Date / Time <i>7/10/8 1345</i>	Received by <i>[Signature]</i>	Company <i>TA</i>
Relinquished by <i>[Signature]</i>	Company <i>TA</i>	Date / Time <i>7/20/8 8am</i>	Received by <i>[Signature]</i>	Company <i>TA</i>
Relinquished by <i>[Signature]</i>	Company <i>TA</i>	Date / Time <i>7/29/8 1700</i>	Received by <i>[Signature]</i>	Company <i>TA</i>
Relinquished by <i>[Signature]</i>	Company <i>TA</i>	Date / Time <i>7/29/8 1845</i>	Received by <i>[Signature]</i>	Company <i>TA</i> <i>07/29/8 1840</i>

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

TAL - 0016 (0715)

Massachusetts (M-NJ312), North Carolina (No. 578)

201 205 12211 NDC=

Job Number:

160998

Number of Coolers

IR Gun

Cooler Temperatures

RAW DATA		CORRECTED		RAW DATA		CORRECTED		RAW DATA		CORRECTED	
Cooler #1	1.0	1.0	1.0	Cooler #4	1.0	1.0	1.0	Cooler #7	1.0	1.0	1.0
Cooler #2	1.0	1.0	1.0	Cooler #5	1.0	1.0	1.0	Cooler #8	1.0	1.0	1.0
Cooler #3	1.0	1.0	1.0	Cooler #6	1.0	1.0	1.0	Cooler #9	1.0	1.0	1.0

[illegible]

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____

Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____

Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

460-160998 Chain of Custody

Special Instructions					Category B Deliverables / NYSDEC EQOISE		Water Metals Filtered (Yes/No)?	
Relinquished by	Company	Date / Time	Received by	Company				
1) James Smyth	ADC@HI	7/10/18 1345	1) [Signature]	TA				
Relinquished by	Company	Date / Time	Received by	Company				
2) [Signature]	TA	7/20/18 8am	2) [Signature]	TA				
Relinquished by	Company	Date / Time	Received by	Company				
3) [Signature]	TA	7/20/18 1700	3) Taylor / Mhn 7/21/18 1000	TA-BK				
Relinquished by	Company	Date / Time	Received by	Company				
4)			4)					

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

TAL-0016 (0715)

Massachusetts (M-NJ312), North Carolina (No. 578)

ORIGIN: D:AVA (646) 745-0906
 TESTAMERICA NYC
 47 32 32ND PLACE
 SUITE 1141
 LONG ISLAND CITY NY 11101
 UNITED STATES US

SHIP DATE: 20 JUL 18
 ACT WT: 10.00 LB
 DIMS: 11.29/19.92/11.39 IN
 BILL RECIPIENT

TO **SAMPLING RECEIVING BVT**

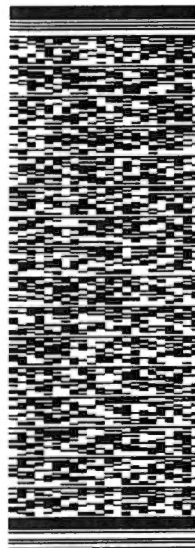
TESTAMERICA

30 COMMUNITY DR STE 11

SOUTH BURLINGTON VT 05403

PO: (802) 660-1090
 NY

REF: DEPT:



10111001200100

552.12/6532/DCA5

2 of 2

MP# **7727 5859 5842**

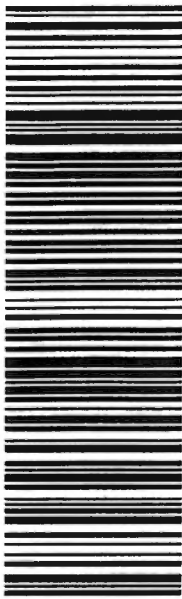
Mstr# **7727 5859 5474**

0201

SATURDAY 12:00P
PRIORITY OVERNIGHT

X0 BTVA

05403
VT-US BTV

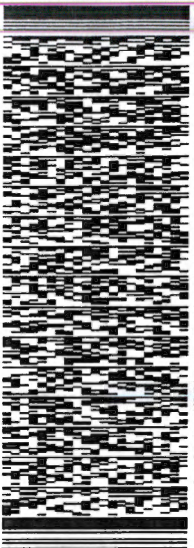
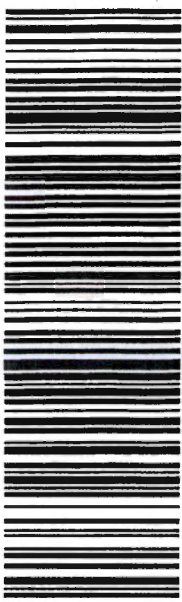


After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

ORIGIN ID: AYA (046) 745-0906 TESTAMERICA NYC 47-32 32ND PLACE SUITE 1141 LONG ISLAND CITY, NY 11101 UNITED STATES US		SHIP DATE: 20JUL18 ACTWGT: 19.00 LB CAD: 11/29/1992/NET3980 DIMS: 26x20x18 IN
TO SAMPLING RECEIVING BVT TESTAMERICA 30 COMMUNITY DR STE 11 SOUTH BURLINGTON VT 05403 (802) 860-1990 REF:		BILL RECIPIENT
PO: DEPT:		
		
		
552,12/1532/DCAS		
1 of 2 TRK# 7727 5859 5474 0201 ## MASTER ## X0 BTVA 05403 VT-US BTV	SATURDAY 12:00P PRIORITY OVERNIGHT	
		

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Login Sample Receipt Checklist

Client: Posillico Dev Company at Harbor Isle LLC

Job Number: 460-160998-1

Login Number: 160998

List Source: TestAmerica Edison

List Number: 1

Creator: Villanueva, Angelica P

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ ($1/4"$).	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Posillico Dev Company at Harbor Isle LLC

Job Number: 460-160998-1

Login Number: 160998

List Number: 2

Creator: Lavigne, Scott M

List Source: TestAmerica Burlington

List Creation: 07/23/18 11:18 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.2°C, 1.2°C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	