

September 26, 2018

Rob King
Hampton Bays Water District
P.O. Box 1013
Hampton Bays, NY 11946

RE: Project: FE/MN/POC 9/21
Pace Project No.: 7065605

Dear Rob King:

Enclosed are the analytical results for sample(s) received by the laboratory on September 21, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kimberley M. Mack for
Stu Murrell
stu.murrell@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Warren Booth, Hampton Bays Water District
John Collins, H2M Group
Stella Michaels, Hampton Bays Water District
Paul Ponturo, H2M Group



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

Long Island Certification IDs

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FE/MN/POC 9/21
Pace Project No.: 7065605

Lab ID	Sample ID	Matrix	Date Collected	Date Received
7065605001	S-108065	Drinking Water	09/21/18 09:10	09/21/18 15:15
7065605002	S-108066	Drinking Water	09/21/18 09:12	09/21/18 15:15
7065605003	4 FIELD ENTRY POINT	Drinking Water	09/21/18 09:13	09/21/18 15:15
7065605004	S-127163	Drinking Water	09/21/18 08:22	09/21/18 15:15
7065605005	TUTINO - BEFORE FILTER	Drinking Water	09/21/18 08:35	09/21/18 15:15
7065605006	TUTINO - AFTER FILTER	Drinking Water	09/21/18 08:35	09/21/18 15:15
7065605007	S-127163	Drinking Water	09/21/18 08:22	09/21/18 15:15
7065605009	S-15687	Drinking Water	09/21/18 07:51	09/21/18 15:15
7065605010	S-24848	Drinking Water	09/21/18 07:56	09/21/18 15:15
7065605011	S-31636	Drinking Water	09/21/18 08:00	09/21/18 15:15
7065605012	COMBINED EFF. (MAIN PLANT)	Drinking Water	09/21/18 08:03	09/21/18 15:15
7065605013	S-50970	Drinking Water	09/21/18 09:26	09/21/18 15:15
7065605014	S-74071	Drinking Water	09/21/18 09:32	09/21/18 15:15
7065605015	2 FIELD ENTRY POINT	Drinking Water	09/21/18 09:33	09/21/18 15:15
7065605016	S-58350	Drinking Water	09/21/18 08:59	09/21/18 15:15
7065605017	S-58351	Drinking Water	09/21/18 08:47	09/21/18 15:15
7065605018	S-58352	Drinking Water	09/21/18 08:53	09/21/18 15:15
7065605019	3 FIELD ENTRY POINT	Drinking Water	09/21/18 09:00	09/21/18 15:15

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SAMPLE ANALYTE COUNT

Project: FE/MN/POC 9/21
Pace Project No.: 7065605

Lab ID	Sample ID	Method	Analysts	Analytes Reported
7065605001	S-108065	EPA 200.7	JMW	2
7065605002	S-108066	EPA 200.7	JMW	2
7065605003	4 FIELD ENTRY POINT	EPA 200.7	JMW	2
7065605004	S-127163	EPA 200.7	JMW	2
7065605005	TUTINO - BEFORE FILTER	EPA 200.7	JMW	2
7065605006	TUTINO - AFTER FILTER	EPA 200.7	JMW	2
7065605007	S-127163	EPA 524.2	KGG	62
7065605009	S-15687	EPA 200.7	JMW	2
7065605010	S-24848	EPA 200.7	JMW	2
7065605011	S-31636	EPA 200.7	JMW	2
7065605012	COMBINED EFF. (MAIN PLANT)	EPA 200.7	JMW	2
7065605013	S-50970	EPA 200.7	JMW	2
7065605014	S-74071	EPA 200.7	JMW	2
7065605015	2 FIELD ENTRY POINT	EPA 200.7	JMW	2
7065605016	S-58350	EPA 200.7	JMW	2
7065605017	S-58351	EPA 200.7	JMW	2
7065605018	S-58352	EPA 200.7	JMW	2
7065605019	3 FIELD ENTRY POINT	EPA 200.7	JMW	2

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ANALYTICAL RESULTS

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

Sample: S-108065 **Lab ID: 7065605001** Collected: 09/21/18 09:10 Received: 09/21/18 15:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP, Drinking Water		Analytical Method: EPA 200.7							
Iron	1.1	mg/L	0.020		1		09/26/18 11:46	7439-89-6	
Manganese	0.15	mg/L	0.010		1		09/26/18 11:46	7439-96-5	

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ANALYTICAL RESULTS

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

Sample: S-108066 **Lab ID: 7065605002** Collected: 09/21/18 09:12 Received: 09/21/18 15:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP, Drinking Water		Analytical Method: EPA 200.7							
Iron	2.4	mg/L	0.020		1		09/26/18 11:51	7439-89-6	
Manganese	0.15	mg/L	0.010		1		09/26/18 11:51	7439-96-5	

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ANALYTICAL RESULTS

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

Sample: 4 FIELD ENTRY POINT **Lab ID: 7065605003** Collected: 09/21/18 09:13 Received: 09/21/18 15:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP, Drinking Water		Analytical Method: EPA 200.7							
Iron	1.8	mg/L	0.020		1		09/26/18 11:54	7439-89-6	
Manganese	0.15	mg/L	0.010		1		09/26/18 11:54	7439-96-5	

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ANALYTICAL RESULTS

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

Sample: S-127163 **Lab ID: 7065605004** Collected: 09/21/18 08:22 Received: 09/21/18 15:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP, Drinking Water		Analytical Method: EPA 200.7							
Iron	0.13	mg/L	0.020		1		09/26/18 11:57	7439-89-6	
Manganese	0.12	mg/L	0.010		1		09/26/18 11:57	7439-96-5	

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ANALYTICAL RESULTS

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

Sample: TUTINO - BEFORE FILTER Lab ID: 7065605005 Collected: 09/21/18 08:35 Received: 09/21/18 15:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP, Drinking Water		Analytical Method: EPA 200.7							
Iron	0.39	mg/L	0.020		1		09/26/18 11:59	7439-89-6	
Manganese	0.040	mg/L	0.010		1		09/26/18 11:59	7439-96-5	

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ANALYTICAL RESULTS

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

Sample: TUTINO - AFTER FILTER **Lab ID: 7065605006** Collected: 09/21/18 08:35 Received: 09/21/18 15:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP, Drinking Water		Analytical Method: EPA 200.7							
Iron	0.37	mg/L	0.020		1		09/26/18 12:00	7439-89-6	
Manganese	0.020	mg/L	0.010		1		09/26/18 12:00	7439-96-5	

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ANALYTICAL RESULTS

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

Sample: S-127163 **Lab ID: 7065605007** Collected: 09/21/18 08:22 Received: 09/21/18 15:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV Analytical Method: EPA 524.2									
Benzene	<0.50	ug/L	0.50		1		09/24/18 17:22	71-43-2	
Bromobenzene	<0.50	ug/L	0.50		1		09/24/18 17:22	108-86-1	
Bromochloromethane	<0.50	ug/L	0.50		1		09/24/18 17:22	74-97-5	
Bromodichloromethane	<0.50	ug/L	0.50		1		09/24/18 17:22	75-27-4	
Bromoform	<0.50	ug/L	0.50		1		09/24/18 17:22	75-25-2	
Bromomethane	<0.50	ug/L	0.50		1		09/24/18 17:22	74-83-9	
n-Butylbenzene	<0.50	ug/L	0.50		1		09/24/18 17:22	104-51-8	
sec-Butylbenzene	<0.50	ug/L	0.50		1		09/24/18 17:22	135-98-8	
tert-Butylbenzene	<0.50	ug/L	0.50		1		09/24/18 17:22	98-06-6	
Carbon tetrachloride	<0.50	ug/L	0.50		1		09/24/18 17:22	56-23-5	
Chlorobenzene	<0.50	ug/L	0.50		1		09/24/18 17:22	108-90-7	
Chlorodifluoromethane	<0.50	ug/L	0.50		1		09/24/18 17:22	75-45-6	N3
Chloroethane	<0.50	ug/L	0.50		1		09/24/18 17:22	75-00-3	
Chloroform	1.3	ug/L	0.50		1		09/24/18 17:22	67-66-3	
Chloromethane	<0.50	ug/L	0.50		1		09/24/18 17:22	74-87-3	
2-Chlorotoluene	<0.50	ug/L	0.50		1		09/24/18 17:22	95-49-8	
4-Chlorotoluene	<0.50	ug/L	0.50		1		09/24/18 17:22	106-43-4	
Dibromochloromethane	<0.50	ug/L	0.50		1		09/24/18 17:22	124-48-1	
Dibromomethane	<0.50	ug/L	0.50		1		09/24/18 17:22	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	0.50		1		09/24/18 17:22	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	0.50		1		09/24/18 17:22	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	0.50		1		09/24/18 17:22	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	0.50		1		09/24/18 17:22	75-71-8	
1,1-Dichloroethane	<0.50	ug/L	0.50		1		09/24/18 17:22	75-34-3	
1,2-Dichloroethane	<0.50	ug/L	0.50		1		09/24/18 17:22	107-06-2	
1,1-Dichloroethene	<0.50	ug/L	0.50		1		09/24/18 17:22	75-35-4	
cis-1,2-Dichloroethene	<0.50	ug/L	0.50		1		09/24/18 17:22	156-59-2	
trans-1,2-Dichloroethene	<0.50	ug/L	0.50		1		09/24/18 17:22	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	0.50		1		09/24/18 17:22	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	0.50		1		09/24/18 17:22	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	0.50		1		09/24/18 17:22	594-20-7	
1,1-Dichloropropene	<0.50	ug/L	0.50		1		09/24/18 17:22	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	0.50		1		09/24/18 17:22	10061-01-5	
trans-1,3-Dichloropropene	<0.50	ug/L	0.50		1		09/24/18 17:22	10061-02-6	
Ethylbenzene	<0.50	ug/L	0.50		1		09/24/18 17:22	100-41-4	
Hexachloro-1,3-butadiene	<0.50	ug/L	0.50		1		09/24/18 17:22	87-68-3	
Isopropylbenzene (Cumene)	<0.50	ug/L	0.50		1		09/24/18 17:22	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	0.50		1		09/24/18 17:22	99-87-6	
Methylene Chloride	<0.50	ug/L	0.50		1		09/24/18 17:22	75-09-2	
Methyl-tert-butyl ether	<0.50	ug/L	0.50		1		09/24/18 17:22	1634-04-4	
n-Propylbenzene	<0.50	ug/L	0.50		1		09/24/18 17:22	103-65-1	
Styrene	<0.50	ug/L	0.50		1		09/24/18 17:22	100-42-5	
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50		1		09/24/18 17:22	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50		1		09/24/18 17:22	79-34-5	
Tetrachloroethene	<0.50	ug/L	0.50		1		09/24/18 17:22	127-18-4	
Toluene	<0.50	ug/L	0.50		1		09/24/18 17:22	108-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

Sample: S-127163 **Lab ID: 7065605007** Collected: 09/21/18 08:22 Received: 09/21/18 15:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Total Trihalomethanes (Calc.)	1.3	ug/L	0.50		1		09/24/18 17:22		
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50		1		09/24/18 17:22	87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50		1		09/24/18 17:22	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50		1		09/24/18 17:22	71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50		1		09/24/18 17:22	79-00-5	
Trichloroethene	<0.50	ug/L	0.50		1		09/24/18 17:22	79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50		1		09/24/18 17:22	75-69-4	L1
1,2,3-Trichloropropane	<0.50	ug/L	0.50		1		09/24/18 17:22	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.50	ug/L	0.50		1		09/24/18 17:22	76-13-1	N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50		1		09/24/18 17:22	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50		1		09/24/18 17:22	108-67-8	
Vinyl chloride	<0.50	ug/L	0.50		1		09/24/18 17:22	75-01-4	
m&p-Xylene	<0.50	ug/L	0.50		1		09/24/18 17:22	179601-23-1	
o-Xylene	<0.50	ug/L	0.50		1		09/24/18 17:22	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	89	%	70-130		1		09/24/18 17:22	2199-69-1	
4-Bromofluorobenzene (S)	104	%	70-130		1		09/24/18 17:22	460-00-4	

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ANALYTICAL RESULTS

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

Sample: S-15687 **Lab ID: 7065605009** Collected: 09/21/18 07:51 Received: 09/21/18 15:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP, Drinking Water		Analytical Method: EPA 200.7							
Iron	<0.020	mg/L	0.020		1		09/26/18 12:01	7439-89-6	
Manganese	0.024	mg/L	0.010		1		09/26/18 12:01	7439-96-5	

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ANALYTICAL RESULTS

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

Sample: S-24848		Lab ID: 7065605010		Collected: 09/21/18 07:56	Received: 09/21/18 15:15	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 MET ICP, Drinking Water		Analytical Method: EPA 200.7								
Iron	<0.020	mg/L	0.020		1		09/26/18 12:02	7439-89-6		
Manganese	0.41	mg/L	0.010		1		09/26/18 12:02	7439-96-5		

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ANALYTICAL RESULTS

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: S-31636									
Lab ID: 7065605011									
Collected: 09/21/18 08:00									
Received: 09/21/18 15:15									
Matrix: Drinking Water									
200.7 MET ICP, Drinking Water									
Analytical Method: EPA 200.7									
Iron	<0.020	mg/L	0.020		1		09/26/18 12:03	7439-89-6	
Manganese	0.013	mg/L	0.010		1		09/26/18 12:03	7439-96-5	

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ANALYTICAL RESULTS

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

Sample: COMBINED EFF. (MAIN PLANT) **Lab ID: 7065605012** Collected: 09/21/18 08:03 Received: 09/21/18 15:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP, Drinking Water		Analytical Method: EPA 200.7							
Iron	<0.020	mg/L	0.020		1		09/26/18 12:04	7439-89-6	
Manganese	0.025	mg/L	0.010		1		09/26/18 12:04	7439-96-5	

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ANALYTICAL RESULTS

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

Sample: S-50970 **Lab ID: 7065605013** Collected: 09/21/18 09:26 Received: 09/21/18 15:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP, Drinking Water		Analytical Method: EPA 200.7							
Iron	<0.020	mg/L	0.020		1		09/26/18 12:05	7439-89-6	
Manganese	<0.010	mg/L	0.010		1		09/26/18 12:05	7439-96-5	

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ANALYTICAL RESULTS

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

Sample: S-74071 **Lab ID: 7065605014** Collected: 09/21/18 09:32 Received: 09/21/18 15:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP, Drinking Water		Analytical Method: EPA 200.7							
Iron	<0.020	mg/L	0.020		1		09/26/18 12:06	7439-89-6	
Manganese	0.021	mg/L	0.010		1		09/26/18 12:06	7439-96-5	

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ANALYTICAL RESULTS

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

Sample: 2 FIELD ENTRY POINT **Lab ID: 7065605015** Collected: 09/21/18 09:33 Received: 09/21/18 15:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP, Drinking Water		Analytical Method: EPA 200.7							
Iron	<0.020	mg/L	0.020		1		09/26/18 12:07	7439-89-6	
Manganese	<0.010	mg/L	0.010		1		09/26/18 12:07	7439-96-5	

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ANALYTICAL RESULTS

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

Sample: S-58350 **Lab ID: 7065605016** Collected: 09/21/18 08:59 Received: 09/21/18 15:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP, Drinking Water		Analytical Method: EPA 200.7							
Iron	<0.020	mg/L	0.020		1		09/26/18 12:11	7439-89-6	
Manganese	<0.010	mg/L	0.010		1		09/26/18 12:11	7439-96-5	

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ANALYTICAL RESULTS

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

Sample: S-58351 **Lab ID: 7065605017** Collected: 09/21/18 08:47 Received: 09/21/18 15:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP, Drinking Water		Analytical Method: EPA 200.7							
Iron	<0.020	mg/L	0.020		1		09/26/18 12:12	7439-89-6	
Manganese	0.038	mg/L	0.010		1		09/26/18 12:12	7439-96-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

Sample: S-58352 **Lab ID: 7065605018** Collected: 09/21/18 08:53 Received: 09/21/18 15:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP, Drinking Water		Analytical Method: EPA 200.7							
Iron	<0.020	mg/L	0.020		1		09/26/18 12:13	7439-89-6	
Manganese	<0.010	mg/L	0.010		1		09/26/18 12:13	7439-96-5	

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ANALYTICAL RESULTS

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

Sample: 3 FIELD ENTRY POINT **Lab ID: 7065605019** Collected: 09/21/18 09:00 Received: 09/21/18 15:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP, Drinking Water		Analytical Method: EPA 200.7							
Iron	<0.020	mg/L	0.020		1		09/26/18 12:14	7439-89-6	
Manganese	<0.010	mg/L	0.010		1		09/26/18 12:14	7439-96-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

QC Batch: 84512 Analysis Method: EPA 200.7
 QC Batch Method: EPA 200.7 Analysis Description: 200.7 MET No Prep Drinking Water
 Associated Lab Samples: 7065605001, 7065605002, 7065605003, 7065605004, 7065605005, 7065605006, 7065605009, 7065605010, 7065605011, 7065605012, 7065605013, 7065605014, 7065605015, 7065605016, 7065605017, 7065605018, 7065605019

METHOD BLANK: 388731 Matrix: Drinking Water
 Associated Lab Samples: 7065605001, 7065605002, 7065605003, 7065605004, 7065605005, 7065605006, 7065605009, 7065605010, 7065605011, 7065605012, 7065605013, 7065605014, 7065605015, 7065605016, 7065605017, 7065605018, 7065605019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	<0.020	0.020	09/26/18 11:44	
Manganese	mg/L	<0.010	0.010	09/26/18 11:44	

LABORATORY CONTROL SAMPLE: 388732

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	2	2.0	98	85-115	
Manganese	mg/L	.25	0.24	97	85-115	

MATRIX SPIKE SAMPLE: 388735

Parameter	Units	7065605001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	1.1	2	3.1	102	70-130	
Manganese	mg/L	0.15	.25	0.40	102	70-130	

MATRIX SPIKE SAMPLE: 388737

Parameter	Units	7065605002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	2.4	2	4.4	102	70-130	
Manganese	mg/L	0.15	.25	0.40	102	70-130	

SAMPLE DUPLICATE: 388734

Parameter	Units	7065605001 Result	Dup Result	RPD	Max RPD	Qualifiers
Iron	mg/L	1.1	1.1	2	20	
Manganese	mg/L	0.15	0.14	1	20	

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QUALITY CONTROL DATA

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

SAMPLE DUPLICATE: 388736

Parameter	Units	7065605002 Result	Dup Result	RPD	Max RPD	Qualifiers
Iron	mg/L	2.4	2.4	0	20	
Manganese	mg/L	0.15	0.14	3	20	

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QUALITY CONTROL DATA

Project: FE/MN/POC 9/21
Pace Project No.: 7065605

QC Batch: 84100 Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV
Associated Lab Samples: 7065605007

METHOD BLANK: 387020 Matrix: Water
Associated Lab Samples: 7065605007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.50	0.50	09/24/18 07:26	
1,1,1-Trichloroethane	ug/L	<0.50	0.50	09/24/18 07:26	
1,1,2,2-Tetrachloroethane	ug/L	<0.50	0.50	09/24/18 07:26	
1,1,2-Trichloroethane	ug/L	<0.50	0.50	09/24/18 07:26	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.50	0.50	09/24/18 07:26	N3
1,1-Dichloroethane	ug/L	<0.50	0.50	09/24/18 07:26	
1,1-Dichloroethene	ug/L	<0.50	0.50	09/24/18 07:26	
1,1-Dichloropropene	ug/L	<0.50	0.50	09/24/18 07:26	
1,2,3-Trichlorobenzene	ug/L	<0.50	0.50	09/24/18 07:26	
1,2,3-Trichloropropane	ug/L	<0.50	0.50	09/24/18 07:26	
1,2,4-Trichlorobenzene	ug/L	<0.50	0.50	09/24/18 07:26	
1,2,4-Trimethylbenzene	ug/L	<0.50	0.50	09/24/18 07:26	
1,2-Dichlorobenzene	ug/L	<0.50	0.50	09/24/18 07:26	
1,2-Dichloroethane	ug/L	<0.50	0.50	09/24/18 07:26	
1,2-Dichloropropane	ug/L	<0.50	0.50	09/24/18 07:26	
1,3,5-Trimethylbenzene	ug/L	<0.50	0.50	09/24/18 07:26	
1,3-Dichlorobenzene	ug/L	<0.50	0.50	09/24/18 07:26	
1,3-Dichloropropane	ug/L	<0.50	0.50	09/24/18 07:26	
1,4-Dichlorobenzene	ug/L	<0.50	0.50	09/24/18 07:26	
2,2-Dichloropropane	ug/L	<0.50	0.50	09/24/18 07:26	
2-Chlorotoluene	ug/L	<0.50	0.50	09/24/18 07:26	
4-Chlorotoluene	ug/L	<0.50	0.50	09/24/18 07:26	
Benzene	ug/L	<0.50	0.50	09/24/18 07:26	
Bromobenzene	ug/L	<0.50	0.50	09/24/18 07:26	
Bromochloromethane	ug/L	<0.50	0.50	09/24/18 07:26	
Bromodichloromethane	ug/L	<0.50	0.50	09/24/18 07:26	
Bromoform	ug/L	<0.50	0.50	09/24/18 07:26	
Bromomethane	ug/L	<0.50	0.50	09/24/18 07:26	
Carbon tetrachloride	ug/L	<0.50	0.50	09/24/18 07:26	
Chlorobenzene	ug/L	<0.50	0.50	09/24/18 07:26	
Chlorodifluoromethane	ug/L	<0.50	0.50	09/24/18 07:26	N3
Chloroethane	ug/L	<0.50	0.50	09/24/18 07:26	
Chloroform	ug/L	<0.50	0.50	09/24/18 07:26	
Chloromethane	ug/L	<0.50	0.50	09/24/18 07:26	
cis-1,2-Dichloroethene	ug/L	<0.50	0.50	09/24/18 07:26	
cis-1,3-Dichloropropene	ug/L	<0.50	0.50	09/24/18 07:26	
Dibromochloromethane	ug/L	<0.50	0.50	09/24/18 07:26	
Dibromomethane	ug/L	<0.50	0.50	09/24/18 07:26	
Dichlorodifluoromethane	ug/L	<0.50	0.50	09/24/18 07:26	
Ethylbenzene	ug/L	<0.50	0.50	09/24/18 07:26	
Hexachloro-1,3-butadiene	ug/L	<0.50	0.50	09/24/18 07:26	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

METHOD BLANK: 387020

Matrix: Water

Associated Lab Samples: 7065605007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Isopropylbenzene (Cumene)	ug/L	<0.50	0.50	09/24/18 07:26	
m&p-Xylene	ug/L	<0.50	0.50	09/24/18 07:26	
Methyl-tert-butyl ether	ug/L	<0.50	0.50	09/24/18 07:26	
Methylene Chloride	ug/L	<0.50	0.50	09/24/18 07:26	
n-Butylbenzene	ug/L	<0.50	0.50	09/24/18 07:26	
n-Propylbenzene	ug/L	<0.50	0.50	09/24/18 07:26	
o-Xylene	ug/L	<0.50	0.50	09/24/18 07:26	
p-Isopropyltoluene	ug/L	<0.50	0.50	09/24/18 07:26	
sec-Butylbenzene	ug/L	<0.50	0.50	09/24/18 07:26	
Styrene	ug/L	<0.50	0.50	09/24/18 07:26	
tert-Butylbenzene	ug/L	<0.50	0.50	09/24/18 07:26	
Tetrachloroethene	ug/L	<0.50	0.50	09/24/18 07:26	
Toluene	ug/L	<0.50	0.50	09/24/18 07:26	
Total Trihalomethanes (Calc.)	ug/L	<0.50	0.50	09/24/18 07:26	
trans-1,2-Dichloroethene	ug/L	<0.50	0.50	09/24/18 07:26	
trans-1,3-Dichloropropene	ug/L	<0.50	0.50	09/24/18 07:26	
Trichloroethene	ug/L	<0.50	0.50	09/24/18 07:26	
Trichlorofluoromethane	ug/L	<0.50	0.50	09/24/18 07:26	
Vinyl chloride	ug/L	<0.50	0.50	09/24/18 07:26	
1,2-Dichlorobenzene-d4 (S)	%	90	70-130	09/24/18 07:26	
4-Bromofluorobenzene (S)	%	105	70-130	09/24/18 07:26	

LABORATORY CONTROL SAMPLE: 387021

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	10	10.2	102	70-130	
1,1,1-Trichloroethane	ug/L	10	10.9	109	70-130	
1,1,2,2-Tetrachloroethane	ug/L	10	10.2	102	70-130	
1,1,2-Trichloroethane	ug/L	10	10.3	103	70-130	
1,1,2-Trichlorotrifluoroethane	ug/L	10	12.8	128	70-130	N3
1,1-Dichloroethane	ug/L	10	10.2	102	70-130	
1,1-Dichloroethene	ug/L	10	9.2	92	70-130	
1,1-Dichloropropene	ug/L	10	10	100	70-130	
1,2,3-Trichlorobenzene	ug/L	10	7.2	72	70-130	
1,2,3-Trichloropropane	ug/L	10	10.8	108	70-130	
1,2,4-Trichlorobenzene	ug/L	10	8.8	88	70-130	
1,2,4-Trimethylbenzene	ug/L	10	10.7	107	70-130	
1,2-Dichlorobenzene	ug/L	10	9.3	93	70-130	
1,2-Dichloroethane	ug/L	10	10.7	107	70-130	
1,2-Dichloropropane	ug/L	10	9.7	97	70-130	
1,3,5-Trimethylbenzene	ug/L	10	10.7	107	70-130	
1,3-Dichlorobenzene	ug/L	10	9.6	96	70-130	
1,3-Dichloropropane	ug/L	10	10	100	70-130	
1,4-Dichlorobenzene	ug/L	10	9.4	94	70-130	

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QUALITY CONTROL DATA

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

LABORATORY CONTROL SAMPLE: 387021

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	10	11.1	111	70-130	
2-Chlorotoluene	ug/L	10	10.1	101	70-130	
4-Chlorotoluene	ug/L	10	10.5	105	70-130	
Benzene	ug/L	10	9.7	97	70-130	
Bromobenzene	ug/L	10	9.0	90	70-130	
Bromochloromethane	ug/L	10	10.2	102	70-130	
Bromodichloromethane	ug/L	10	10.0	100	70-130	
Bromoform	ug/L	10	7.8	78	70-130	
Bromomethane	ug/L	10	9.6	96	70-130	
Carbon tetrachloride	ug/L	10	11.4	114	70-130	
Chlorobenzene	ug/L	10	10	100	70-130	
Chlorodifluoromethane	ug/L	10	10.7	107	70-130	N3
Chloroethane	ug/L	10	11.0	110	70-130	
Chloroform	ug/L	10	10.5	105	70-130	
Chloromethane	ug/L	10	9.8	98	70-130	
cis-1,2-Dichloroethene	ug/L	10	10.1	101	70-130	
cis-1,3-Dichloropropene	ug/L	10	9.4	94	70-130	
Dibromochloromethane	ug/L	10	9.6	96	70-130	
Dibromomethane	ug/L	10	10	100	70-130	
Dichlorodifluoromethane	ug/L	10	11.3	113	70-130	CH
Ethylbenzene	ug/L	10	10.4	104	70-130	
Hexachloro-1,3-butadiene	ug/L	10	9.1	91	70-130	
Isopropylbenzene (Cumene)	ug/L	10	10.4	104	70-130	
m&p-Xylene	ug/L	20	21.5	108	70-130	
Methyl-tert-butyl ether	ug/L	10	9.5	95	70-130	
Methylene Chloride	ug/L	10	9.6	96	70-130	
n-Butylbenzene	ug/L	10	10.5	105	70-130	
n-Propylbenzene	ug/L	10	10.3	103	70-130	
o-Xylene	ug/L	10	10.2	102	70-130	
p-Isopropyltoluene	ug/L	10	11.3	113	70-130	
sec-Butylbenzene	ug/L	10	10.5	105	70-130	
Styrene	ug/L	10	10.5	105	70-130	
tert-Butylbenzene	ug/L	10	11.0	110	70-130	
Tetrachloroethene	ug/L	10	9.1	91	70-130	
Toluene	ug/L	10	10.3	103	70-130	
Total Trihalomethanes (Calc.)	ug/L		37.9			
trans-1,2-Dichloroethene	ug/L	10	10.2	102	70-130	
trans-1,3-Dichloropropene	ug/L	10	8.7	87	70-130	
Trichloroethene	ug/L	10	10.5	105	70-130	
Trichlorofluoromethane	ug/L	10	13.6	136	70-130	CH,L1
Vinyl chloride	ug/L	10	9.8	98	70-130	
1,2-Dichlorobenzene-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			109	70-130	

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QUALITY CONTROL DATA

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

SAMPLE DUPLICATE: 387741

Parameter	Units	7064995006 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.50	<0.50		20	
1,1,1-Trichloroethane	ug/L	<0.50	<0.50		20	
1,1,2,2-Tetrachloroethane	ug/L	<0.50	<0.50		20	
1,1,2-Trichloroethane	ug/L	<0.50	<0.50		20	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.50	<0.50		20	N3
1,1-Dichloroethane	ug/L	<0.50	<0.50		20	
1,1-Dichloroethene	ug/L	<0.50	<0.50		20	
1,1-Dichloropropene	ug/L	<0.50	<0.50		20	
1,2,3-Trichlorobenzene	ug/L	<0.50	<0.50		20	
1,2,3-Trichloropropane	ug/L	<0.50	<0.50		20	
1,2,4-Trichlorobenzene	ug/L	<0.50	<0.50		20	
1,2,4-Trimethylbenzene	ug/L	<0.50	<0.50		20	
1,2-Dichlorobenzene	ug/L	<0.50	<0.50		20	
1,2-Dichloroethane	ug/L	<0.50	<0.50		20	
1,2-Dichloropropane	ug/L	<0.50	<0.50		20	
1,3,5-Trimethylbenzene	ug/L	<0.50	<0.50		20	
1,3-Dichlorobenzene	ug/L	<0.50	<0.50		20	
1,3-Dichloropropane	ug/L	<0.50	<0.50		20	
1,4-Dichlorobenzene	ug/L	<0.50	<0.50		20	
2,2-Dichloropropane	ug/L	<0.50	<0.50		20	
2-Chlorotoluene	ug/L	<0.50	<0.50		20	
4-Chlorotoluene	ug/L	<0.50	<0.50		20	
Benzene	ug/L	<0.50	<0.50		20	
Bromobenzene	ug/L	<0.50	<0.50		20	
Bromochloromethane	ug/L	<0.50	<0.50		20	
Bromodichloromethane	ug/L	<0.50	<0.50		20	
Bromoform	ug/L	<0.50	<0.50		20	
Bromomethane	ug/L	<0.50	<0.50		20	
Carbon tetrachloride	ug/L	<0.50	<0.50		20	
Chlorobenzene	ug/L	<0.50	<0.50		20	
Chlorodifluoromethane	ug/L	2.0	2.1	1	20	N3
Chloroethane	ug/L	<0.50	<0.50		20	
Chloroform	ug/L	<0.50	<0.50		20	
Chloromethane	ug/L	<0.50	<0.50		20	
cis-1,2-Dichloroethene	ug/L	<0.50	<0.50		20	
cis-1,3-Dichloropropene	ug/L	<0.50	<0.50		20	
Dibromochloromethane	ug/L	<0.50	<0.50		20	
Dibromomethane	ug/L	<0.50	<0.50		20	
Dichlorodifluoromethane	ug/L	<0.50	<0.50		20	
Ethylbenzene	ug/L	<0.50	<0.50		20	
Hexachloro-1,3-butadiene	ug/L	<0.50	<0.50		20	
Isopropylbenzene (Cumene)	ug/L	<0.50	<0.50		20	
m&p-Xylene	ug/L	<0.50	<0.50		20	
Methyl-tert-butyl ether	ug/L	<0.50	<0.50		20	
Methylene Chloride	ug/L	<0.50	<0.50		20	
n-Butylbenzene	ug/L	<0.50	<0.50		20	
n-Propylbenzene	ug/L	<0.50	<0.50		20	

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QUALITY CONTROL DATA

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

SAMPLE DUPLICATE: 387741

Parameter	Units	7064995006 Result	Dup Result	RPD	Max RPD	Qualifiers
o-Xylene	ug/L	<0.50	<0.50		20	
p-Isopropyltoluene	ug/L	<0.50	<0.50		20	
sec-Butylbenzene	ug/L	<0.50	<0.50		20	
Styrene	ug/L	<0.50	<0.50		20	
tert-Butylbenzene	ug/L	<0.50	<0.50		20	
Tetrachloroethene	ug/L	<0.50	<0.50		20	
Toluene	ug/L	<0.50	<0.50		20	
Total Trihalomethanes (Calc.)	ug/L	<0.50	<0.50		20	
trans-1,2-Dichloroethene	ug/L	<0.50	<0.50		20	
trans-1,3-Dichloropropene	ug/L	<0.50	<0.50		20	
Trichloroethene	ug/L	<0.50	<0.50		20	
Trichlorofluoromethane	ug/L	<0.50	<0.50		20	
Vinyl chloride	ug/L	<0.50	<0.50		20	
1,2-Dichlorobenzene-d4 (S)	%	90	92	2	20	
4-Bromofluorobenzene (S)	%	105	102	3	20	

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QUALIFIERS

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 7065605005

[1] 49 ROMANO DR.

Sample: 7065605006

[1] 49 ROMANO DR.

ANALYTE QUALIFIERS

CH The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

N3 Accreditation is not offered by the relevant laboratory accrediting body for this parameter.

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FE/MN/POC 9/21

Pace Project No.: 7065605

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7065605001	S-108065	EPA 200.7	84512		
7065605002	S-108066	EPA 200.7	84512		
7065605003	4 FIELD ENTRY POINT	EPA 200.7	84512		
7065605004	S-127163	EPA 200.7	84512		
7065605005	TUTINO - BEFORE FILTER	EPA 200.7	84512		
7065605006	TUTINO - AFTER FILTER	EPA 200.7	84512		
7065605009	S-15687	EPA 200.7	84512		
7065605010	S-24848	EPA 200.7	84512		
7065605011	S-31636	EPA 200.7	84512		
7065605012	COMBINED EFF. (MAIN PLANT)	EPA 200.7	84512		
7065605013	S-50970	EPA 200.7	84512		
7065605014	S-74071	EPA 200.7	84512		
7065605015	2 FIELD ENTRY POINT	EPA 200.7	84512		
7065605016	S-58350	EPA 200.7	84512		
7065605017	S-58351	EPA 200.7	84512		
7065605018	S-58352	EPA 200.7	84512		
7065605019	3 FIELD ENTRY POINT	EPA 200.7	84512		
7065605007	S-127163	EPA 524.2	84100		

REPORT OF LABORATORY ANALYSIS

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WO#: 7065605



747

Sample Request Form PUBLIC WATER SUPPLIER

Date: 9-21-18 WELL OFF LINE C/S

Collected By: W. G. Smith WELL RUN TO SYSTEM 12:30

Accepted By: [Signature]

Cooler Temp: 2.6 °C YES NO VOC'S PRESERVED WITH HCI Back 1515

Client Info:
 Name or Code: HAMPTON BAYS WATER DISTRICT
 Address: PO BOX 1013
HAMPTON BAYS, NEW YORK 11946
(631) 728-0179

Phone #: _____
 Attn: _____
 Proj. # or (Name): _____
 Bill To: _____
 Copies To: _____

Sample Types	Purpose	Origin	Treatment Types
PW - Potable Water	RO - Routine	D - Distribution	AST - Air Stripper
GW - Groundwater	RE - Resample	RW - Raw Well	GAC - Granular Activated Charcoal
SW - Surface Water	S - Special	TW - Treated Well	N - Nitrate Removal Plant
WW - Waste Water		T - Tank	FE - Iron Removal Plant
AQ - Aqueous		MW - Monitoring Well	O - Other
S - Soil		I - Influent	
		E - Effluent	

Sample Info:

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings Cl ₂ pH/Temp	Analysis	Lab No.
9:10	GW	WELL 4-1	RW	-	S		IRON, MANGANESE	001
9:12	GW	WELL 4-2	RW	-	S		IRON, MANGANESE	002
9:13	GW	4 FIELD ENTRY POINT	RW	-	S		IRON, MANGANESE	003
8:22	GW	WELL 5-1	RW	-	S		IRON, MANGANESE	004
8:35	PW	TUTINO - B4 FILTER	D	-	S	7.37	IRON, MANGANESE	005
9:21-18	GW	49 ROMANO DR	D	-	S		IRON, MANGANESE	006
8:35	PW	TUTINO AFTER FILTER	D	-	S	7.27	IRON, MANGANESE	006
9:21-18	GW	WELL 5-1	RW	-	S		POC'S	007
8:00	GW	WELL 1-3	RW	-	RO		NITRATE/NITRITE	008

Remarks: PLEASE MAKE SURE JOHN COLLINS H2M - GET RESULTS FOR THE WELL READS



575 Broad Hollow Rd., Melville, NY 11747
 (631) 694-3040 Fax: (631) 420-8436

Sample Request Form PUBLIC WATER SUPPLIER

WELL OFF LINE

Date: 9-21-18

Collected By: W Booth

Accepted By: [Signature]

Cooler Temp: 2.6 °C

WELL RUN TO SYSTEM

YES NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: HAMPTON BAYS WATER DISTRICT
 Address: PO BOX 7013
HAMPTON BAYS, NEW YORK 11946
(631) 728-0179
 Phone #: _____
 Attn: _____
 Proj. # or (Name): _____
 Bill To: _____
 Copies To: _____

Sample Info:

Sample Types	Purpose	Origin	Treatment Types
PW - Potable Water	RO - Routine	D - Distribution	AST - Air Stripper
GW - Groundwater	RE - Resample	RW - Raw Well	GAC - Granular Activated Charcoal
SW - Surface Water	S - Special	TW - Treated Well	N - Nitrate Removal Plant
WW - Waste Water		T - Tank	FE - Iron Removal Plant
AQ - Aqueous		MW - Monitoring Well	O - Other
S - Soil		I - Influent	
		E - Effluent	

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings Cl ₂ pH/Temp	Analysis	Lab No.
7:57 9-21-18	GW	WELL 1-1	RW	-	S		IRON, MANGANESE	007 008
7:56 9-21-18	GW	WELL 1-2	RW	-	S		IRON, MANGANESE	008 009
8:00 9-21-18	GW	WELL 1-3	RW	-	S		IRON, MANGANESE	009 010
8:03 9-21-18	GW	COMBINED EFF. (MAN PLANT)	RW	-	S		IRON, MANGANESE	010 011
9:26 9-21-18	GW	WELL 2-1	RW	-	S		IRON, MANGANESE	011 012
9:37 9-21-18	GW	WELL 2-2	RW	-	S		IRON, MANGANESE	012 013
9:33 9-21-18	GW	2 FIELD ENTRY POINT	RW	-	S		IRON, MANGANESE	013 014
8:59 9-21-18	GW	WELL 3-1	RW	-	S		IRON, MANGANESE	014 015
8:47 9-21-18	GW	WELL 3-2	RW	-	S		IRON, MANGANESE	015 016
8:53 9-21-18	GW	WELL 3-3	RW	-	S		IRON, MANGANESE	016 017
9:00 9-21-18	GW	3 FIELD ENTRY POINT	RW	-	S		IRON, MANGANESE	017 018

Remarks: PLEASE MAKE SURE JOHN COLLINS H2M GETS RESULTS
FROM WELL FIELDS



Sample Condition Upon Receipt

WO#: 7065605
PM: SWM Due Date: 09/27/18
CLIENT: HBW

Client Name: HBW

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____
Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: TH091 Correction Factor: 0.0

Cooler Temperature (°C): 2.6 Cooler Temperature Corrected (°C): 2.6

Temp should be above freezing to 6.0°C
USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: 9/21/18

Did samples originate in a quarantine zone within the United States: AL, AK, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? YES NO

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

			COMMENTS:
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		7.
Sufficient Volume: (Triple volume provided for MS/MSD):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		10.
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		11.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Note if sediment is visible in the dissolved container.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		12.
-Includes date/time/ID/Analysis Matrix SL <input checked="" type="checkbox"/> OIL			
All containers needing preservation have been checked	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot # <u>172857466</u>			Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NaOH>12 Cyanide)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis			Initial when completed: Lot # of added preservative: Date/Time preservative added
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		14.
KI starch test strips Lot #			Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #			
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		15.
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Pace Trip Blank Lot # (if applicable):			

Field Data Required? Y / N
Date/Time: _____

Client Notification/ Resolution: _____
Person Contacted: _____
Comments/ Resolution: _____

* PM (Project Manager) review is documented electronically in LIMS.