

August 9, 2023 Project 2202159

VIA EMAIL: oliver.wolfe@dec.ny.gov

Consulting
Engineers and
Scientists

Mr. Oliver Wolfe NYSDEC 625 Broadway Albany, Ny 12233-7014

Re: Q3 2022 Groundwater Monitoring Report

NYSEG Ithaca - Court Street Former MGP Site, OU2

Ithaca, NY

Dear Mr. Oliver Wolfe:

This letter presents to you our report on groundwater sampling for the Third Quarter of 2022 at Operable Unit 2 (OU2) of the Ithaca – Court Street former manufactured gas plant site (MGP). This report describes the work performed, field observations, analytical results, and a discussion of the findings. This work was performed according to the Draft Site Management Plan dated October 2019.

Work Performed

Sampling was performed on September 19 through 21, 2022.

The following 15 wells were sampled:

• MW-C11

• MW-C12

• MW-31S

• MW-C16

• MW-22S

• MW-23S

• MW-24S

MW-25S

• MW-13S

• MW-33S

• MW-40

• MW-45S

• MW-46S

• MW-47S

• MW-48S

Note that well MW-13S was substituted for background well MW-28S, which was slated for abandonment to make way for construction at the city-owned parcel on which it was situated. The location of these wells on the site is provided on Figure 1.

Groundwater Sampling.

Groundwater sampling was performed on September 19-21 by Breana Pabst and Robina Moyer from GEI's Ithaca, NY office.

Depth-to-water measurements to the nearest 0.01-foot from the top of the well casings were made on all the wells to be sampled on the morning of September 19, prior to the start of sampling. The results of the groundwater gauging are presented in Table 1. Using this information and the reference elevations for the wells, the water table elevations were calculated and plotted on Figure 2. Based on these elevations the surface of the water table was contoured, and the direction of inferred groundwater flow shown.

Groundwater sampling began immediately after the first well was gauged. Purging and sampling of each well was performed by low-flow sampling techniques. Dedicated tubing in each well connected to a peristaltic pump, and the water discharged through a flow-through cell equipped with a Horiba multiparameter meter. The following field parameters were measured during purging and sampling:

- Temperature
- pH
- Dissolved Oxygen (DO)
- Specific Conductance
- Oxidation-Reduction Potential (ORP)
- Turbidity

The field measurements are presented in well purging and sampling records, provided as Attachment 1. Purging was performed until the field parameters varied 10% or less between successive measurements. The flow-through cell was then disconnected from the outlet to the pump and the laboratory-supplied sampling bottle were filled directly from the tubing. Purge water at each well location was collected in 5-gallon buckets, covered, and transferred to 55-gallon drums staged within a secure fenced area on the NYSEG-owned property at 420 North Plain Street, Ithaca, NY.

During this sampling event wells MW-24S and MW-25S went dry during purging. These wells were allowed to recharge and were purged a second time. Upon recovery the samples were then obtained. The sample from MW-24S was taken on September 20 at 0755 after the previous purging attempted ran the well dry. Similarly, a sample from MW-25S was taken on September 21 at 0755.

Thunderstorms occurred on September 19 which caused an inherent safety issue leading to a postponement of work. MW-C11 was purged on this day and work stopped before parameters were stabilized. Purging resumed the next morning. The well was stabilized and sampled on September 20 at 0830.

Samples were placed in coolers on-ice and picked-up from the site by a laboratory courier under chain-of-custody procedures. The samples were delivered to Pace Analytical of Melville, NY.

Laboratory Analysis and Data Validation

The groundwater samples were analyzed for the following:

BTEX		USEPA SW 846 Method 8260
PAHs		USEPA SW 846 Method 8270 SIM
Total Cyanide		USEPA SW 846 Method 9012
	Methane	USEPA Method RSK-175
	Iron	USEPA SW-846 Method 6010
Monitoring Natural	Sulfate	USEPA Method 300
Attenuation (MNA)	Ammonia	USEPA Method 350.1
Parameters	Nitrate	EPA Method 353.2
	Alkalinity	USEPA Method SM 2320
	Ferrous Iron	USEPA Method SM 3500 Fe

A NYS ASP Level IV data package was prepared for the sample delivery groups. Note that the two data packages for the September 2022 sampling event were not submitted to GEI by Pace Laboratory until June 12 and 15, 2023.

Several deviations from the work plan were encountered by the laboratory:

- The laboratory was not able to achieve the detection limits for several of the PAHs, including Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene, and Indeno(1,2,3-cd)pyrene. Generally, the detection limits for these compounds were one order of magnitude above their NYSDEC groundwater guidance values (there are no groundwater standards for these compounds).
- Due to laboratory errors the ferrous iron analyses were not performed.

The implications for these lab errors are discussed below in the Results section.

The laboratory data package was reviewed by a GEI chemist and a Data Usability Summary Report was prepared according to NYSDEC's DER-10 requirements (Attachment 2). Where applicable, the laboratory results and data qualifiers have been modified as shown in the Data Summary Table (Table 2) to reflect the results of the data validation. The associated Form 1 laboratory sheets with mark-ups are provided with the DUSRs.

The laboratory provided an electronic data delivery (EDD) to GEI using an EQuIS format. The EDD has been modified to meet NYSDEC's requirements for submittal to the NYSDEC data portal. The data will be uploaded to the portal upon NYSDEC review and approval of the data provided in this report.

Monitoring Well Observation and Field Issues

GEI field staff performed monitoring well condition assessments on September 19, 2022, to assess well conditions and the need for any repairs. No repairs were made and a summary of damages and issues with the monitoring wells is provided in Table 1.

Monitoring Results

Overall, the Q3 - 2022 monitoring results were consistent with previous quarterly events. The following observations are presented for the Q3 2022 monitoring event:

- A potentiometric surface map of groundwater elevations for the site is provided as Figure 2. Groundwater generally flows west toward Washington Street and the site has a low hydraulic gradient of around 0.0003, meaning the water table is relatively flat. This is consistent with previous monitoring events.
- A summary of groundwater analytical data for the Quarterly Sampling event is available in Table 2. The compounds that were measured to exceed their groundwater standard or guidance values are shown on Figure 3.
- BTEX compounds were in exceedance of New York groundwater standards in 6 wells: MW-13S, MW-22S, MW-23S, MW-46S, MW-48S, MW-C12.
- PAH Compounds were detected in all but two of the samples taken, MW-13S and MW-40. Six wells had concentrations of PAH compounds which exceeded groundwater standard or guidance values: MW-23S, MW-46S, MW-48S, MW-C11, MW-C12, and MW-C16.
- No sample showed exceedance of Total Cyanide concentrations, but it was detected in 3 wells and a duplicate sample: MW-22S (104 ug/L), MW-25S (20.1 ug/L), MW-C11 (10.2 ug/L), and DUP MW-C12 (11.8 ug/L).
- The following "Monitored Natural Attenuation" parameters were reviewed to assess whether intrinsic biological breakdown of BTEX and PAHs is occurring. The laboratory analytes were:
 - o Iron
 - o Ammonia
 - o Sulfate
 - o Nitrate
 - Alkalinity
 - o Methane

As noted above, the ferrous iron analysis was not performed by the laboratory.

The MNA parameters were reviewed and found to be consistent with the conclusion that intrinsic biodegradation of organic compounds is occurring within the monitored area.

The next quarterly groundwater sampling event is planned for December 2023.

If you have any questions, please feel free to contact Bruce Coulombe at 607-216-8959.

Sincerely,

GEI CONSULTANTS, INC., P.C.

Joshenbezgan

Josh Prygon Environmental Engineer Bruce Coulombe

June Coulombe

Bruce Coulombe Project Manager

JP/BC:tc

Enclosures Table 1. Water Level Measurements

Table 2. Groundwater Analytical Results

Figure 1. Sampling Locations Figure 2. Water Table Map

Figure 3. Exceedances of Groundwater Standards

Attachment 1 – Field Sampling Records

Attachment 2 – Data Usability Summary Report

Attachment 3 – Laboratory Report

c: Oliver Wofle-NYSDEC

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Tables		

Table 1. Ithaca Court Street-September 2022 Groundwater Analysis Results NYSEG

Well ID	Date Gauged	Total Depth ¹ (ft bTOC)	Sump Interval (ft bTOC)	Screen Interval (ft bTOC)	Depth to Water (ft bTOC)	Depth to Water (ft bgs)	Water Elevation	NAPL Observed (Y/N)	NAPL Thickness (ft)	Well Inspection and Sampling Notes
		· · · · · · · · · · · · · · · · · · ·	1			,	SMP Mo	nitoring Plan Locations - G	Sauged and Sampled	
	9/28/2020	17.30	17 - 15	15 - 10	5.01	5.53	NA	N	NA	Full of water, cracked road box, Gray cloudy water initially noted during purging.
	9/29/2020	17.23	17 - 15	15 - 10	6.01	5.53	386.00	N	NA	Well in good condition. Water observed to be tinted and a gasoline (petroleum-like) odor was noted during purging. No sheen was observed. Approx. 5
										gallons removed post-sampling to remove previously noted sedimentation/residual solids^ before well ran dry.
	9/30/2020	17.21	17 - 15	15 - 10	7.01	5.53	385.75	N	NA	Well in good condition. Purge water clear, and no odor or sheen noted.
MW - C11	10/1/2020	17.28	17 - 15	15 - 10	8.01	5.53	385.79	N N	NA NA	Well in good condition. Lots of mud undermeath the well cap. Purge water clear, and no odor or sheen noted.
	10/2/2020	15.38	17 - 15	15 - 10	9.01	5.53	386.18	N	NA	Fine condition, no odor or sheen observed. Was scheduled to be redeveloped at the end of the GME, but a vehicle was parked over it and access was restricted.
	10/3/2020	12.41	17 - 15	15 - 10	10.01	5.53	385.72	N	NA	Roadbox flooded; sludge surrounding inner casing,
	10/4/2020	16.95	17 - 15	15 - 10	11.01	5.53	385.75	N	NA	Roadbox flooded; missing one bolt and threads in collar; dark black sediment on bottom; slight sulphur-like odor.
	10/5/2020	17.21	17 - 15	15 - 10	12.01	5.53	385.56	N	NA	Good condition; Water clear during purging.
	10/6/2020	17.62	17 - 15	15 - 10	13.01	5.53	386.55	N	NA	Well in good condition. Water observed to be tinted and a gasoline/sweet (petroleum-like) odor noted during purging. No sheen observed.
	10/7/2020	17.22	17 - 15	15 - 10	14.01	5.53	386.11	N	NA	Well in good condition. Purge water clear, and no odor or sheen noted.
MW - C12	10/8/2020	17.22	17 - 15	15 - 10	15.01	5.53	386.06	N	NA	Good condition. No sheen observed. Sulfur-like odor was noted during well purging. YSI technical difficulties, so team purged 3 well volumes before sampling. MS+MSD collected.
	10/9/2020	17.21	17 - 15	15 - 10	16.01	5.53	386.22	N	NA	
	10/10/2020	17.21	17-15	15 - 10	17.01	5.53	385.95	N N	NA NA	Fine condition, no odor or sheen observed. Sulphur-like odor during sampling.
	10/11/2020	17.30	17-15	15 - 10	18.01	5.53	385.97	N N	NA NA	Supriar-like our uturing sampling. Good condition; chemical-like odor during sampling.
MW - 13S	10/12/2020	14.40		15 - 5	19.01	5.53	NC	N	NA	Top is at an angle and cap doesn't fit with lid.
	10/13/2020	14.43		15 - 5	20.01	5.53	NC	N	NA	Cover is at an angle and the cap doesn't fit with the cover on; missing one bolt.
	10/14/2020	15.98	16 - 14	14 - 9	21.01	5.53	384.66	N	NA	Well surface seal cracked, very hard to open, rusted bolts; Slight MGP odor noted during sampling, black sludge in bottom of well at commencement of purging and became clear, slight
										sheen observed on purge water.
	10/15/2020	15.95	16 - 14	14 - 9	22.01	5.53	387.77	N	NA	Dedicated tubing was rusty (likely iron accumulation). Purged water was tinted yellow/brown. No odor or sheen noted. Dedicated tubing to be replaced.
	10/16/2020	15.94	16 - 14	14 - 9	23.01	5.53	386.69	N	NA	Well in good condition. Purge water clear, and no odor or sheen noted.
MW - C16	10/17/2020	15.87	16 - 14	14 - 9	24.01	5.53	386.15	N	NA	Good condition. Faint MGP-like odor noted during gauging and purging. Black specs seen in purge water. No sheen observed.
	10/18/2020	16.07	16 - 14	14 - 9	25.01	5.53	386.67	N	NA	Fine condition, no odor or sheen observed.
	10/19/2020	16.13	16 - 14	14 - 9	26.01	5.53	386.96	N	NA	Well box flooded, plug not fully sealed, sludge surrounding inner casing, and missing one bolt. Dark sediment observed at tip of probe and initially mistaken
										for NAPL.
	10/20/2020	16.08	16 - 14	14 - 9	27.01	5.53	385.69	N	NA	Missing one bolt; chemical-like odor during sampling; black sludge on bottom.
	10/21/2020	13.10	-	14 - 4	28.01	5.53	382.05	N	NA NA	Good condition; Water clear during purging.
	10/22/2020	13.64		14 - 4	29.01	5.53	383.90	N N	NA NA	Well located in a flower bed and in good condition. Purge water clear, and no odor or sheen noted.
	10/23/2020	13.61		14 - 4	30.01	5.53	382.66	N	NA	Well located in a flower bed and in good condition. Purge water clear with slight particulate suspension, and no odor or sheen noted
MW - 22S	10/24/2020	13.68		14 - 4	31.01	5.53	382.54	N	NA	Good condition. No odor or sheen noted.
	10/25/2020	13.65		14 - 4	32.01	5.53	383.01	N N	NA NA	Fine condition, no oder or sheen observed.
	10/26/2020	13.60		14 - 4	33.01	5.53	382.04	N N	NA NA	No bolts on roadbox cover; no odor or sheen observed.
	10/27/2020	13.60		14 - 4	34.01	5.53	381.85	N	NA	No bolts on roadbox cover.
	10/28/2020	13.70		14 - 4	35.01	5.53	380.22	N	NA	Good condition; Water clear during purging, solvent-like odor noted during sampling.
	10/29/2020	13.69		14 - 4	36.01	5.53	380.80	N	NA	Well in good condition. Purge water clear, and no odor or sheen noted.
	10/30/2020	13.65		14 - 4	37.01	5.53	380.68	N	NA	Well in good condition. Purge water clear, and no odor or sheen noted. Well has very good recharge.
MW - 23S	10/31/2020	13.68	-	14 - 4	38.01	5.53	380.61	N	NA	Good condition. No odor noted. Small amount of sheen observed on the surface of purge water. YSI technical difficulties, so team purged 3 well volumes before sampling.
	11/1/2020	13.67	-	14 - 4	39.01	5.53	380.70	N	NA	Fine condition. White flakes observed in the purged water. Product-like odor observed while purging.
	11/2/2020	13.70	_	14 -4	40.01	5.53	380.46	N	NA	Missing two bolts on roadbox cover; no odor or sheen observed.
	11/3/2020	13.64	_	14 -4	41.01	5.53	380.23	N	NA	Missing two bolts and threads on collar; NAPL-like odor during sampling.
	11/4/2020	13.50		14 - 4	42.01	5.53	NC	N	NA	Top of PVC casing bent/crushed; Water clear during purging.
	11/5/2020	13.71		14 - 4 14 - 4	43.01 44.01	5.53	NC NC	N N	NA NA	Well in good condition. Purge water clear, and no odor or sheen noted.
	11/6/2020	13.66	-	14 - 4	45.01	5.53 5.53	NC NC	N N	NA NA	Well in good condition. Purge water cleared up, faint organic odor detected, no sheen detected.
MW - 24S	11/7/2020	13.45	-	14-4	45.01	5.55	INC	IN .	INA	Located in garden in roadside verge, access restricted due to vegetation. Poor condition, missing bolts and PVC bent. Organic-like odor noted during gauging and purging. No sheen observed.
	11/8/2020	13.98		14 - 4	46.01	5.53	NC	N	NA	Fine Condition. No sheen observed. Odor of decaying material observed while purging.
	11/9/2020	13.49	_	14 - 4	47.01	5.53	NC	N	NA	Bulge on side of casing; no bolts present; purged dry on 6/28; methane samples collected on 6/28; remaining samples collected on 6/29.
	11/10/2020	13.50	_	14 - 4	48.01	5.53	NC	N	NA	Bulge in PVC casing; missing bolts; plug doesn't fit with cover; purged dry on 9/19 and sampled on 9/20; odor of decaying material.
	11/11/2020	9.40	-	10 - 3	49.01	5.53	384.10	N	NA	Partially overgrown with grass, good condition; Water clear during purging.
	11/12/2020	9.72		10 - 3	50.01	5.53	385.93	N	NA	Purge water initially tinted brown and became clear. No odor or sheen noted. Well ran dry on 3/3/21, allowed to recharge before being sampled 3/4/21.
	11/13/2020	9.71		10 - 3	51.01	5.53	384.79	N	NA	Purge water clear, no sheen or odors detected. Well has very poor recharge. Short spikes in tubidity were seen throughout the sampling process, possibly due to low water level.
MW - 25S	11/14/2020	9.70	-	10 - 3	52.01	5.53	384.69	N	NA	Good condition. Only one bolt. No odor or sheen noted. Well ran dry during purging and was allowed to recharge prior to sampling.
	11/15/2020	9.73		10 - 3	53.01	5.53	385.03	N	NA	Fine condition, no odor or sheen observed. Ran dry and was sampled at a later time.
	11/16/2020	NM	-	10 - 3	54.01	5.53	384.48	N	NA	Missing one bolt; plug not on and doesn't fit with lid; removed lock; purged dry on 6/28/22 and sampled on 6/29/22.
	11/17/2020	9.70	-	10 - 3	55.01	5.53	384.55	N	NA	Missing one bolts; purged dry on 9/20/22; grab sample collected on 9/21/22
	11/18/2020	19.80		10 - 3	56.01	5.53	386.94	N N	NA NA	Good condition; Water clear during purging.
	11/18/2020	19.80		20 - 7	56.01 57.01	5.53	386.94	N N	NA NA	Good condition, water clear outling purging. Well in good condition. Purge water clear, and no odor or sheen noted.
MW - 28S	11/20/2020	19.50	-	20 - 7	58.01	5.53	387.39	N N	NA NA	Well in good condition. Purge water clear, and no odor or sheen noted.
-	11/21/2020	19.55		20 - 7	59.01	5.53	387.39	N	NA	Good condition. Damp (decomposing) odor noted when gauging. No odor or sheen noted during purging.
	11/22/2020	19.54		20 - 7	60.01	5.53	387.38	N	NA	Fine condition, sulfur-like odor observed while purging. No sheen observed.
	11/23/2020	11.30		12 - 4	61.01	5.53	380.47	N	NA	Good condition; Gray cloudy water initially noted during purging.
	11/24/2020	11.34		12 - 4	62.01	5.53	381.31	N	NA	Well in good condition. Initial heavy silt during purging and became clear. No odor or sheen noted. Approx. 5 gallons removed post-sampling to remove previously noted sedimentation/residual solids^ before well ran dry.
	11/25/2020	11.53		12 - 4	63.01	5.53	381.11	N	NA	Well in good condition. Purge water clear, and no odor or sheen noted.
MW - 31S	11/26/2020	11.55		12 - 4	64.01	5.53	380.97	N N	NA	Good condition. No odor or sheen noted. VSI technical difficulties, so team purged 3 well volumes before sampling.
	11/27/2020	11.62		12 - 4	65.01	5.53	381.13	N	NA	Fine condition. White flakes observed in the purged water. No odor noted.
	11/28/2020	11.59	_	12 - 4	66.01	5.53	380.40	N	NA	Good condition; rusted lock removed.
	11/29/2020	11.60	-	12 - 4	67.01	5.53	380.72	N	NA	Good condition; slight NAPL-like odor during sampling.
	11/30/2020	9.52	-	10 - 2.5	68.01	5.53	380.66	N	NA	Good condition; Rust-colored water initially noted during purging.
	12/1/2020	9.51		10 - 2.5	69.01	5.53	385.47	N	NA	Well in good condition. Very rusty water (likely iron accumulation) near bottom of screen and no odor or sheen noted. Approx. 5 gallons removed post-sampling to remove previously noted
	10/6/2222			40.05	70.00		000.00	, .	***	sedimentation/residual solids^ before well ran dry.
MW - 33S*	12/2/2020 12/3/2020	9.48 9.47		10 - 2.5 10 - 2.5	70.01 71.01	5.53 5.53	383.22 383.22	N N	NA NA	Well in good condition. Purge water initially tan and cleared towards end of purge, no odor or sheen noted. Good condition. Rust-like substance on the well casing and tubing. No sheen or odor noted.
	12/4/2020	9.51		10 - 2.5	71.01	5.53	383.95	N N	NA NA	Scool continuor. Auderines sustainte du rite veni casing and quoing, not sneen or outer noted. Fine condition, no odor or sheen observed.
	12/5/2020	9.48	-	10 - 2.5	73.01	5.53	382.43	N N	NA NA	i mire containori, in occor or arener ouses veu. Good condition; tusted lock on plug; fron bacteria on probe.
	12/6/2020	9.50	-	10 - 2.5	74.01	5.53	381.20	N	NA	Good condition; rusted lock on plug; slight chemical odor during sampling.

Table 1. Ithaca Court Street-September 2022 Groundwater Analysis Results NYSEG

Wilson Dec Ground Company Co			Total	Sump Interval (ft	Scroon Interval (ff	Donth to Water (ft hTOC	Donth to Water (ft has)	ı	NAPL Observed (Y/N)	NAPL	
1,000 1,00	Well ID	Date Gauged	Depth ¹ (ft			Deptil to water (it bloc	Depuir to Water (it bys)	Water Elevation	NAP E Observeu (T/N)		Well Inspection and Sampling Notes
## 140 1,000								SMP M	lonitoring Plan Locations - G	Sauged and Sampled	
1920 1-90 1-90 1-90 1-90 1-90 1-90 1-90 1-9		12/7/2020	8.30		9 - 3	75.01	5.53	380.28	N	NA	Good condition; Light brown cloudy water initially noted during purging.
W-40 15/10000 1-30 -		12/8/2020	8.39		9 -3	76.01	5.53	383.90	N	NA	Well in good condition. Purge water initially brown and then clear. A 'cleaning supply' (chemical-like) odor was noted and no sheen observed. Approx. 5 gallons removed post-sampling to
1571-1595 1.57 1.5		12/9/2020	9.38		9 - 3	77.01	5.53	382.00	N	NA	Concrete pad loose. Purge water clear, and no odor or sheen noted.
Principal April April Sept	MW - 40	12/10/2020	8.36	-	9 - 3	78.01	5.53	381.94	N	NA	Located in driveway of private property. Concrete collar is broken. No odor or sheen noted. Repair concrete collar as soon as practicable.
1971-1992 1.5		12/11/2020	8.37		9 - 3	79.01	5.53	382.71	N	NA	Poor condition, no odor or sheen observed.
17910000		12/12/2020	8.39	-	9 - 3	80.01	5.92	381.47	N	NA	Well heaving; concrete cracked and raised; no bolts present; concrete around lock on plug; well purged dry on 6/29/22; sampled on 6/30/22.
1956/00 14.72 15.14 14.4 65.01 3.70 363.51 N N N N N N N N N		12/13/2020	8.11			81.01	6.09	381.30	N	NA	Cover and casing replaced since last monitoring event; rusted lock on plug.
16.72 15-14 16-4 3.70 39.31 N NA gallon, removed process campling by serious growth performed and membrations class of the few serior on dy units gallon or for or deem removed. Agents, 3.5 gallon were pusped for referent/queries if the end of the sampling event. 107/10020		12/14/2020	17.00	15 - 14	14 - 4	82.01	5.56	381.45	N	NA	Good condition; Gray cloudy water initially noted during purging.
Mil-456 19770000 1485 15-14 14-4 86-01 449 38-15 N NA Concreation No color of whem routed. Vary poor reachinge rate, rate of your reachinge prior to completion of wamping prior and allowed to reaching prior to completion of wamping prior wamping prior to completion of wamping prior wamping prior wamping prior wamping prior wamping prior to completion of wamping prior wampi		12/15/2020	14.72	15 - 14	14 - 4	83.01	3.70	383.31	N	NA	Well in good condition. Purge water initially brown and then clear. Some rusty particulate (likely iron accumulation) was observed 5 minutes into purging. No odor or sheen noted. Approx. 5 gallons removed post-sampling to remove previously noted sedimentation/residual solids ^h before well ran dry.
12 17 17 18 18 18 18 18 18		12/16/2020	14.68	15 - 14	14 - 4	84.01	5.05	381.96	N	NA	Well in good condition. Purge water clear, and no odor or sheen noted. Approx. 3.5 gallons were purged for redevelopment at the end of the sampling event.
12/19/2007 14/30 15 - 14 14 - 4 62 01 5.41 5.14 5.15 5.14 14 - 4 62 01 5.04 5.01 5.01	MW - 45S	12/17/2020	14.85	15 - 14	14 - 4	85.01	4.86	382.15	N	NA	Good condition. No odor or sheen noted. Very poor recharge rate, ran dry during purging and allowed to recharge prior to completion of sampling. Re-developed following sampling, 0.07 feet of depth gained (14.78 - 14.85 ft bTOC).
1270/2002 16.70 - 18.8 69.01 5.50 391.41 N		12/18/2020	19.80	15 - 14	14 - 4	86.01	4.46	382.55	N	NA	
1927/2002 16.70		12/19/2020	14.90	15 - 14	14 - 4	87.01	5.41	381.60	N	NA	Missing one bolt; purged dry on 6/28/22; sampled on 6/29/22.
MW - 465 1722/2009 17.02 15 - 6 50.01 4.03 383.55 N NA Well in good condition. Purge water fleet, and no other or athern noted. Sight suffur oder noted. No sharen noted.		12/20/2020	14.82	15 - 14	14 - 4	88.01	5.60	381.41	N	NA	Missing one bolt; samples had a slight yellow tint with brown flecks.
MW - 46S 16.78		12/21/2020	16.70		18 - 8	89.01	5.38	382.60	N	NA	Good condition; Water clear during purging.
MV - 48 12/44/2200 16.88		12/22/2020	17.02		18 - 8	90.01	4.03	383.55	N	NA	Well in good condition. Purge water tinted light brown and rust particulate (likely iron accumulation) observed. Slight sulfur odor noted. No sheen noted.
1275/0202 16.88		12/23/2020	16.78	-	18 - 8	91.01	4.50	383.08	N	NA	Well in good condition. Purge water clear, and no odor or sheen noted.
12/26/2020 16.84	MW - 46S	12/24/2020	16.88	-	18 - 8	92.01	4.71	382.87	N	NA	Good condition. A brown substance was left of the interface probe after gauging. Slight organic/product-like odor observed during gauging and sampling. Sheen was observed in purge water. Dup-1 collected.
12/27/2020 16.85 18 - 8 95.01 5.25 382.23 Y 0.1 Good condition. Shern on purge water. NAP-II bottom of well. 12/28/2020 14.50 15 - 5 95.01 5.33 382.44 N N N N Good condition. Shern on purge water. NAP-II bottom of well. 12/28/2020 14.65 15 - 5 97.01 4.19 385.58 N N N N N Well head rusted. Purge water was clear with rust particulates (Rely iron accumulation). No odor or shern was noted. 12/28/2020 14.64 15 - 5 98.01 4.19 385.78 N N N N N Well head rusted. Purge water was clear with rust particulates (Rely iron accumulation). No odor or shern was noted. 19/28/2020 14.65 15 - 5 98.01 4.19 382.70 N N N N N Well head rusted. Purge water was clear with rust particulates (Rely iron accumulation). No odor or shern was noted was not observed again. 19/28/2021 14.65 15 - 5 98.01 4.59 382.70 N N N N Good condition. Black particulates observed in purge water. No odor noted V3I technical difficulties, so team purged 3 well volumes before sampling. Well went dry and was racharge before sampling. 11/2021 14.86 15 - 5 100.01 4.65 382.12 N N N N Reliable to the control of the control		12/25/2020	16.88	-	18 - 8	93.01	4.17	383.41	N	NA	Fine condition. Product like odor indicated during gauging. Sheen observed on purge water
12/28/2002		12/26/2020	16.84		18 - 8	94.01	4.90	382.68	Y	0.1	Plug not on casing; NAPL-like odor; sheen on purge water; trace of NAPL on probe.
MW - 47S 12/29/2020 14.69 15 - 5 97.01 4.19 383.58 N NA Well head rusted. Purge water was clear with rust particulates (likely iron accumulation). No other or sheen was noted. 12/29/2020 14.64 15 - 5 98.01 4.99 382.78 N NA Well high good condition. Purge water clear, no odor detected, sheen was noted during purging for one interval, and was not observed again. 12/29/2020 14.65 15 - 5 99.01 5.07 382.70 N NA Good condition. Black particulates cohered in purge water. No odor noted. VSI technical difficulties, so team purged 3 well volumes before sampling. Well went dry and was recharge before sampling and odor one odor or sheen observed. Ran dry and was sampled at a later time. 11/2021 14.68 15 - 5 100.01 4.65 383.12 N NA Missing one bott, purged dry during sampling on 63/03/25 samples slightly murky. 11/2021 15.00 15 - 5 102.01 5.69 382.08 N NA Missing one bott, purged dry during sampling on 93/25 samples slightly cloudy and suspended particles visible in samples. 11/4/2021 14.30 15 - 14 14.4 103.01 4.42 382.73 N NA Missing one bott, purged dry during sampling on 63/03/25 samples slightly cloudy and suspended particles visible in samples. 11/4/2021 13.20 15 - 14 14.4 10.01 3.81 383.34 N NA Missing one bott, purged dry during sampling of one of during sampling. 11/5/2021 13.24 15 - 14 14.4 10.05 4.28 382.87 N NA NA Missing one bott, purged dry may receive infallily noted during parting and odor noted during sampling of was noted at the commencement of purgen. Note the sampling status of was noted at the commencement of purgen. Note the sampling of several received providers of the sampling of several received during gauging. Product-like odor observed during gauging product-like odor observed during gauging. Product-like odor observed during purging. An attempt to remove sediments of purging sampling, 0.09 feet of depth gained. (13.39 - 13		12/27/2020	16.85	_			5.25	382.33		***	
MW - 47S 12/30/2020		12/28/2020	14.50				5.33				Good condition; Gray cloudy water initially noted during purging.
MW - 47S 12/31/2020 14.65		12/29/2020	14.69	-		97.01		383.58			Well head rusted. Purge water was clear with rust particulates (likely iron accumulation). No odor or sheen was noted.
NW - 4/S		12/30/2020	14.64		15 - 5	98.01	4.99	382.78	N	NA	Well in good condition. Purge water clear, no odor detected, sheen was noted during purging for one interval, and was not observed again.
1/2/2021 15.00 - 15-5 101.01 5.27 382.50 N N NA Missing one bolt; purged dry during sampling on 6/30/22; samples slightly murky. 1/3/2021 14.93 - 15-5 102.01 5.69 382.08 N N NA Missing one bolt; purged dry during sampling on 6/30/22; samples slightly murky. 1/4/2021 14.30 15-14 14-4 103.01 4.42 382.73 N N NA Good condition; Grayblack cloudy water initially proted during paring and odor noted during sampling. 1/5/2021 13.24 15-14 14-4 105.01 3.81 383.34 N N NA Good condition. Purge water initially cloudy and their oper initially clo	MW - 47S	12/31/2020	14.65		15 - 5	99.01	5.07	382.70	N	NA	Good condition. Black particulates observed in purge water. No odor noted. YSI technical difficulties, so team purged 3 well volumes before sampling. Well went dry and was allowed to recharge before sampling.
1/3/2021 14.93 15 - 5 102.01 5.69 382.08 N NA Missing one bott; rubber gasket on plug broken; purged dry on 9/20; sampled on 9/21; samples slightly cloudy and suspended particles visible in samples. 1/4/2021 14.30 15 - 14 14 - 4 103.01 4.42 382.73 N N NA Good condition; Grayblack cloudy water initially noted during purging and odor noted during sampling. Well in good condition. Purge water initially cloudy and then clear. A slight sulfur odor was noted at the commencement of purging. No sheen was noted. Approx. 5 gallons removed post-sampling to remove previously noted sedimentation/residual solids* before well ran dry. MW - 48S 1/7/2021 13.20 15 - 14 14 - 4 105.01 4.28 382.87 N N NA Well in good condition. Purge water clear, and no odor or sheen noted. Approx. 2.5 gallons were purged for redevelopment at the end of the sampling event. MW - 48S 1/7/2021 13.38 15 - 14 14 - 4 106.01 4.18 382.97 N N NA Good condition. Faint organic-like (clay) odor noted during gauging. Product-like odor observed during first few minutes of purging. No sheen observed. Re-developed following sampling. 0.09 feet of depth gained. (13.39 - 13.48 ft bTOC). 1/8/2021 13.52 15 - 14 14 - 4 106.01 4.40 382.75 N N NA NAPL-like odor observed. Metallic-like odor observed during purging. An attempt to remove sediments and residual solids was made at the end of the GME, 0.03ft of control of the commencement of purging sheen on purge water.		1/1/2021	14.86	-					N		Fine condition, no odor or sheen observed. Ran dry and was sampled at a later time.
1/4/2021 14.30 15 - 14 14 - 4 103.01 4.42 382.73 N NA Good condition, Purge water initially noted during purging and odor noted during sampling. 1/5/2021 Well in good condition. Purge water initially cloudy and then clear. A slight sulfur odor was noted at the commencement of well in good condition. Purge water initially cloudy and then clear. A slight sulfur odor was noted at the commencement of purging. No sheen was noted. Approx. 5 gallons removed post-sampling to remove previously noted sedimentation/residual solids^ before well ran dry. 1/6/2021 13.20 15 - 14 14 - 4 105.01 4.28 382.87 N NA Well in good condition. Purge water clear, and no odor or sheen noted. Approx. 2.5 gallons were purged for redevelopment at the end of the sampling event. 1/7/2021 13.38 15 - 14 14 - 4 106.01 4.18 382.97 N NA Good condition. Purge water clear, and no odor or sheen noted. Approx. 2.5 gallons were purged for redevelopment at the end of the sampling event. 1/7/2021 13.38 15 - 14 14 - 4 106.01 4.18 382.97 N NA Good condition. Faint organic-like (clay) odor noted during gauging. Product-like odor observed during first few minutes of purging. No sheen observed. Re-developed following sampling. 0.09 feet of depth gained. (13.39 - 13.48 ft bTOC). 1/8/2021 13.52 15 - 14 14 - 4 106.01 4.08 383.07 N NA NAPL-like odor observed during purging. An attempt to remove sediments and residual solids was made at the end of the GME, 0.03ft of organization. In the condition, sheen observed. Metallic-like odor observed during purging. An attempt to remove sediments and residual solids was made at the end of the GME, 0.03ft of organization. In the condition of the condition. The clear of the condition of the condition. The clear of the clear of		1/2/2021	15.00		15 - 5	101.01	5.27	382.50	N	NA	Missing one bolt; purged dry during sampling on 6/30/22; samples slightly murky.
1/5/2021 13.24 15 - 14 14 - 4 106.01 3.81 383.34 N N NA Well in good condition. Purge water initially cloudy and then clear. A slight sulfur odor was noted at the commencement of purging. No sheen was noted. Approx. 5 gallons remove previously noted sedimentation/residual solids^ before well ran dry. 1/6/2021 13.20 15 - 14 14 - 4 105.01 4.28 382.87 N N NA Well in good condition. Purge water clear, and no odor or sheen noted. Approx. 2.5 gallons were purged for redevelopment at the end of the sampling event. MW - 48S 1/7/2021 13.38 15 - 14 14 - 4 106.01 4.18 382.97 N N NA Good condition. Faint organic-like (clay) odor noted during gauging. Product-like odor observed during first few minutes of purging. No sheen observed. Re-developed following sampling, 0.09 feet of depth gained. (13.39 - 13.48 ft bTOC). 1/8/2021 13.52 15 - 14 14 - 4 108.01 4.40 382.75 N N NA NAPL-like odor when sampling; sheen on purge water.		1/3/2021	14.93	-	15 - 5	102.01	5.69	382.08	N	NA	Missing one bolt; rubber gasket on plug broken; purged dry on 9/20; sampled on 9/21; samples slightly cloudy and suspended particles visible in samples.
MW - 485 13.24 15 - 14 14 - 4 105.01 4.28 382.87 N NA Purging. No sheen was noted. Approx. 5 gallons removed post-sampling to remove previously noted sedimentation/residual solids^hefore well ran dry. 1/6/2021 13.20 15 - 14 14 - 4 105.01 4.28 382.87 N NA Well in good condition. Purge water clear, and no odor or sheen noted. Approx. 2.5 gallons were purged for redevelopment at the end of the sampling event. NW - 485 1/7/2021 13.38 15 - 14 14 - 4 106.01 4.18 382.97 N NA Good condition. Faint organic-like (clay) odor noted during gauging. Product-like odor observed during first few minutes of purging. No sheen observed. Re-developed following sampling, 0.09 feet of depth gained. (13.39 - 13.48 ft bTOC). 1/8/2021 13.52 15 - 14 14 - 4 107.01 4.08 383.07 N NA Fine condition, sheen observed. Metallic-like odor observed during purging. An attempt to remove sedimental and residual solids was made at the end of the GME, 0.03ft of gained. 1/9/2021 13.42 15 - 14 14 - 4 108.01 4.40 382.75 N NA NAPL-like odor when sampling; sheen on purge water.		1/4/2021	14.30	15 - 14	14 - 4	103.01	4.42	382.73	N	NA	Good condition; Gray/black cloudy water initially noted during purging and odor noted during sampling.
MW - 485		1/5/2021				104.01					
MW - 48S 1/7/2021 13.38 15 - 14 14 - 4 106.01 4.18 382.97 N NA Good condition. Faint organic-like (clay) odor noted during gauging. Product-like odor observed during first few minutes of purging. No sheen observed. Re-developed following sampling, 0.09 feet of depth gained. (13.39 - 13.48 ft bTOC). 1/8/2021 13.52 15 - 14 14 - 4 107.01 4.08 383.07 N NA Fine condition, sheen observed. Metallic-like odor observed during purging. An attempt to remove sediments and residual solids was made at the end of the GME, 0.03ft of gained. 1/9/2021 13.42 15 - 14 14 - 4 108.01 4.40 382.75 N NA NAPL-like odor when sampling; sheen on purge water.											
1//2021 13.38 15 - 14 14 - 4 106.01 4.18 382.97 N NA Good condition. Faint organic-like (clay) odor noted during gauging. Product-like odor observed durin	ABA/ 400	1/6/2021	13.20	15 - 14	14 - 4	105.01	4.28	382.87	N	NA	Well in good condition. Purge water clear, and no odor or sheen noted. Approx. 2.5 gallons were purged for redevelopment at the end of the sampling event.
gained. 1/9/2021 13.42 15 - 14 14 - 4 108.01 4.40 382.75 N NA NAPL-like odor when sampling; sheen on purge water.	MVV - 485	1/7/2021	13.38	15 - 14	14 - 4	106.01	4.18	382.97	N	NA	
		1/8/2021	13.52	15 - 14					N		Fine condition, sheen observed. Metallic-like odor observed during purging. An attempt to remove sediments and residual solids was made at the end of the GME, 0.03ft of depth was gained.
		1/9/2021	13.42	15 - 14	14 - 4	108.01	4.40	382.75	N	NA	NAPL-like odor when sampling; sheen on purge water.
1/10/2021 13.46 15 - 14 14 - 4 4.12 4.42 382.73 N NA Good condition; NAPL-like odor when sampling.		1/10/2021	13.46	15 - 14	14 - 4	4.12	4.42	382.73	N	NA	Good condition; NAPL-like odor when sampling.

- Notes:

 * MW-33S was mislabeled as MW-36S during the 2021 Q4 GME on field forms, chain of custody, and lab report.

 1. Measured at the time of gauging

 2. ft bTOC- feet below top of casing

 3. ft bgs feet below ground surface

 4. NM Not measured

 5. Information not available.

- 6. NC Not calculated as reference elevation data not available
- 7. NA Not applicable

Table 2. Ithaca Court Street-September 2022 **Groundwater Analysis Results** NYSEG Ithaca, NY

			ample Name Sample Date	MW-13S 9/19/2022	MW-22S 9/21/2022	MW-23S 9/20/2022	MW-24S 9/20/2022	MW-25S 9/21/2022	MW-31S 9/20/2022	MW-33S 9/21/2022	MW-40 9/20/2022	MW-45S 9/20/2022	MW-46S 9/21/2022	MW-47S 9/21/2022	MW-48S 9/21/2022	MW-C11 9/20/2022	MW-C12 9/20/2022	DUP 9/20/2022	MW-C16 9/19/2022
			rent Sample	9/19/2022	9/21/2022	9/20/2022	9/20/2022	9/21/2022	9/20/2022	9/21/2022	9/20/2022	9/20/2022	9/21/2022	9/21/2022	9/21/2022	9/20/2022	9/20/2022	9/20/2022 MW-C12	9/19/2022
Analyte	Units		NYS AWQS																
BTEX	ua/L	OAO NO.	MICANGO																
Benzene	ug/L	71-43-2	1	2	13.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	278	1 U	27.4	1 U	1.5	2.4	1 U
Toluene		108-88-3	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.4	1 U	1 U	1 UJ	1.U	1 U	1 U
Ethylbenzene		100-41-4	5	1.8	10.6	21.9	1 U	1 U	1 U	1 U	1 U	1 U	256	1 U	14.6	1 U	1 U	1 U	1 U
Total Xvlene		1330-20-7	5	3 U	5.6	14.2	3 U	3 U	3 U	3 U	3 U	3 U	61.8	3 U	12	3 U	3 U	3 U	3 U
Total BTEX (ND=0)		TBTEX ND0	NE	3.8	29.6	36.1	ND	ND	ND	ND	ND	ND	597.2	ND	54	ND	1.5	2.4	ND
PAH16	ug/L			0.0	20.0		.,,,	.,,,	.,,,	.1.5	.12	.115		.,,,	<u> </u>				- 115
Acenaphthene	g, =	83-32-9	20*	0.02 U	1.4	35.4 J	0.019 U	0.02 U	0.02 UJ	0.02 UJ	0.02 U	0.02 U	22.6	1	30.5	0.59	76.1	78.9	16.4 J
Acenaphthylene		208-96-8	NE	0.02 U	0.02 U	0.54 J	0.019 U	0.02 U	0.02 UJ	0.02 UJ	0.02 U	0.02 U	0.79	0.024	0.84	0.1 J	0.7	0.75	0.26 J
Anthracene		120-12-7	50*	0.02 U	0.02 U	2 J	0.019 U	0.02 U	0.02 UJ	0.02 UJ	0.02 U	0.02 U	0.8	0.02 U	1.2	0.021 U	0.06	0.052	0.15 J
Benzo(a)anthracene		56-55-3	0.002*	0.02 U	0.02 U	0.044 J	0.019 U	0.02 U	0.02 UJ	0.02 UJ	0.02 U	0.02 U	0.21	0.02 U	0.048	0.021 U	0.025	0.02 U	0.084 J
Benzo(b)fluoranthene		205-99-2	0.002*	0.02 U	0.02 U	0.02 UJ	0.019 U	0.02 U	0.02 UJ	0.02 UJ	0.02 U	0.02 U	0.093	0.02 U	0.02 U	0.022	0.024	0.02 U	0.13 J
Benzo(k)fluoranthene		207-08-9	0.002*	0.02 U	0.02 U	0.02 UJ	0.019 U	0.02 U	0.02 UJ	0.02 UJ	0.02 U	0.02 U	0.046	0.02 U	0.02 U	0.024	0.021 U	0.02 U	0.055 J
Benzo(g,h,i)perylene		191-24-2	NE	0.02 U	0.02 U	0.02 UJ	0.019 U	0.02 U	0.02 UJ	0.02 UJ	0.02 U	0.02 U	0.048	0.02 U	0.02 U	0.028	0.025	0.02 U	0.11 J
Benzo(a)pyrene		50-32-8	ND	0.02 U	0.02 U	0.02 UJ	0.019 U	0.02 U	0.02 UJ	0.02 UJ	0.02 U	0.02 U	0.14	0.02 U	0.02 U	0.021 J	0.021	0.02 U	0.11 J
Chrysene		218-01-9	0.002*	0.02 U	0.02 U	0.045 J	0.019 U	0.02 U	0.02 UJ	0.02 UJ	0.02 U	0.02 U	0.19	0.02 U	0.049	0.021 U	0.024	0.02 U	0.12 J
Dibenz(a,h)anthracene		53-70-3	NE	0.02 U	0.02 U	0.02 UJ	0.019 U	0.02 U	0.02 UJ	0.02 UJ	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.023	0.021	0.02 U	0.02 J
Fluoranthene		206-44-0	50*	0.02 U	0.02 U	0.84 J	0.02	0.02 U	0.02 UJ	0.02 UJ	0.02 U	0.02 U	0.53	0.02 U	0.55	0.027 J	0.037	0.021	0.39 J
Fluorene		86-73-7	50*	0.02 U	0.021	9 J	0.019 U	0.02 U	0.02 UJ	0.02 UJ	0.02 U	0.02 U	4.2	0.04	2.6	0.021 J	9.4	9.8	1.9 J
Indeno(1,2,3-cd)pyrene		193-39-5	0.002*	0.02 U	0.02 U	0.02 UJ	0.019 U	0.02 U	0.02 UJ	0.02 UJ	0.02 U	0.02 U	0.037	0.02 U	0.02 U	0.027	0.023	0.02 U	0.075 J
Naphthalene		91-20-3	10*	0.02 U	0.22	35 J	0.019 U	0.085	0.041 J	0.083 J	0.02 U	0.04	240	0.11	65.5	0.021 U	0.048	0.051	0.11 J
Phenanthrene		85-01-8	50*	0.02 U	0.02 U	8.5 J	0.019 U	0.02 U	0.02 UJ	0.02 UJ	0.02 U	0.02 U	2.8	0.02 U	3.9	0.021 U	0.3	0.35	0.8 J
Pyrene		129-00-0	50*	0.02 U	0.02 U	1.3 J	0.021	0.02 U	0.02 UJ	0.02 UJ	0.02 U	0.02 U	0.99	0.02 U	0.79	0.045	0.042	0.024	0.6 J
Total PAH (16) (ND=0)		TPAH16 ND0	NE	ND	1.641	92.669	0.041	0.085	0.041	0.083	ND	0.04	273.474	1.174	105.977	0.928	86.85	89.948	21.314
Total Metals	ug/L																		
Iron	Ŭ	7439-89-6	300	380	8220	664	1060	1060	583	15300	12800	17300	2970	3410	4170	2040	1470	1520	11600
Cyanides	ug/L																		
Total Cyanide		57-12-5	200	10 U	104	10 U	10 U	20.1	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10.2	10 U	11.8	10 U
Other																			
Carbonate Alkalinity as Calcium carbonate	ug/L	CO3	NE	353000	347000	207000	371000	559000	314000	425000	183000	390000	300000	306000	397000	330000	564000	529000	668000
Ammonia	ug/L	7664-41-7	2000	220	3300	560	280	460	140	3100	4400	2700	2100	2600	2000	430	2600	2200	730
Methane	ug/L	74-82-8	NE	381 J	1050 J	2280	434 J	215 U	930	754 J	1090	1630	3590	2790	1810	264 J	680	852	267 J
Nitrate as Nitrogen	ug/L	14797-55-8	10000	290	60	260	99	110	50 U	50 U	390	50 U	50 U	57	50 U				
Nitrite as Nitrogen	ug/L	14797-65-0	1000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U						
Total Nitrogen	ug/L	7727-37-9	NE	290	72	260	100	130	50 U	50 U	390	50 U	50 U	67	50 U				
Sulfate	ug/L	14808-79-8	250000	34600	187000	5100	23300	111000	8400	16900	5000 U	5000 U	10700	14700	5000 U	67200	91700	83300	774000
Field Measurements																			
Temp	°C			22	17.36	19.89	20.8	16.6	17.02	16.92	16.42	19.01	18.89	17.31	21.34	19.65	17.03		19.82
Specific Conductivity	mS/cm			2.2	0.915	0.553	1.35	4.01	0.897	1.25	0.292	1.29	0.692	0.95	3.72	1.74	1.5		3.62
DO	mg/L			0.14	0	1.11	1.4	0	0	0.25	0	0	0	0.22 to 0	0	0	0		0
pH	S.U.			6.83	7.16	7.17	6.93	7	6.52	6.81	6.95	7.09	6.93	6.82	7.57	7.14	7.08		6.93
ORP	mV			-9	-88	-33	-20	-23	35	-87	-93	-95	-57	-46	-130	-79	-79		-126
Turbidity	NTU			7.2	3.9	1.8	1.78	7.1	0	0	4.1	6.2	0	17.6	1.4	4.6	0	<u> </u>	1

Table 2. Ithaca Court Street-September 2022 **Groundwater Analysis Results** NYSEG Ithaca, NY

Notes:

Analytes in blue are not detected in any sample

ug/L = micrograms per liter or parts per billion (ppb)

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes

PAH = Polycyclic Aromatic Hydrocarbon

Total BTEX and Total PAHs are calculated using detects only.

Total PAH16 is calculated using the EPA16 list of analytes: Acenaphthene, Acenaphthylene, Anthracene, Benz[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[g,h,i]perylene, Benzo[k]fluoranthene, Chrysene, Dibenz[a,h]anthracene, Fluoranthene, Fluorene, Indeno[1,2,3-cd]pyrene, Naphthalene, Phenanthrene, and Pyrene

NYS AWQS = New York State Ambient Water Quality Standards and Guidance Values for GA groundwater * indicates the value is a guidance value and not a standard

CAS No. = Chemical Abstracts Service Number

ND = Not Detected

NE = Not Established

Bolding indicates a detected result concentration

Shading and bolding indicates that the detected concentration is above the NYSDOH guidance it was compared to

Validation Qualifiers:

J = The result is an estimated value.

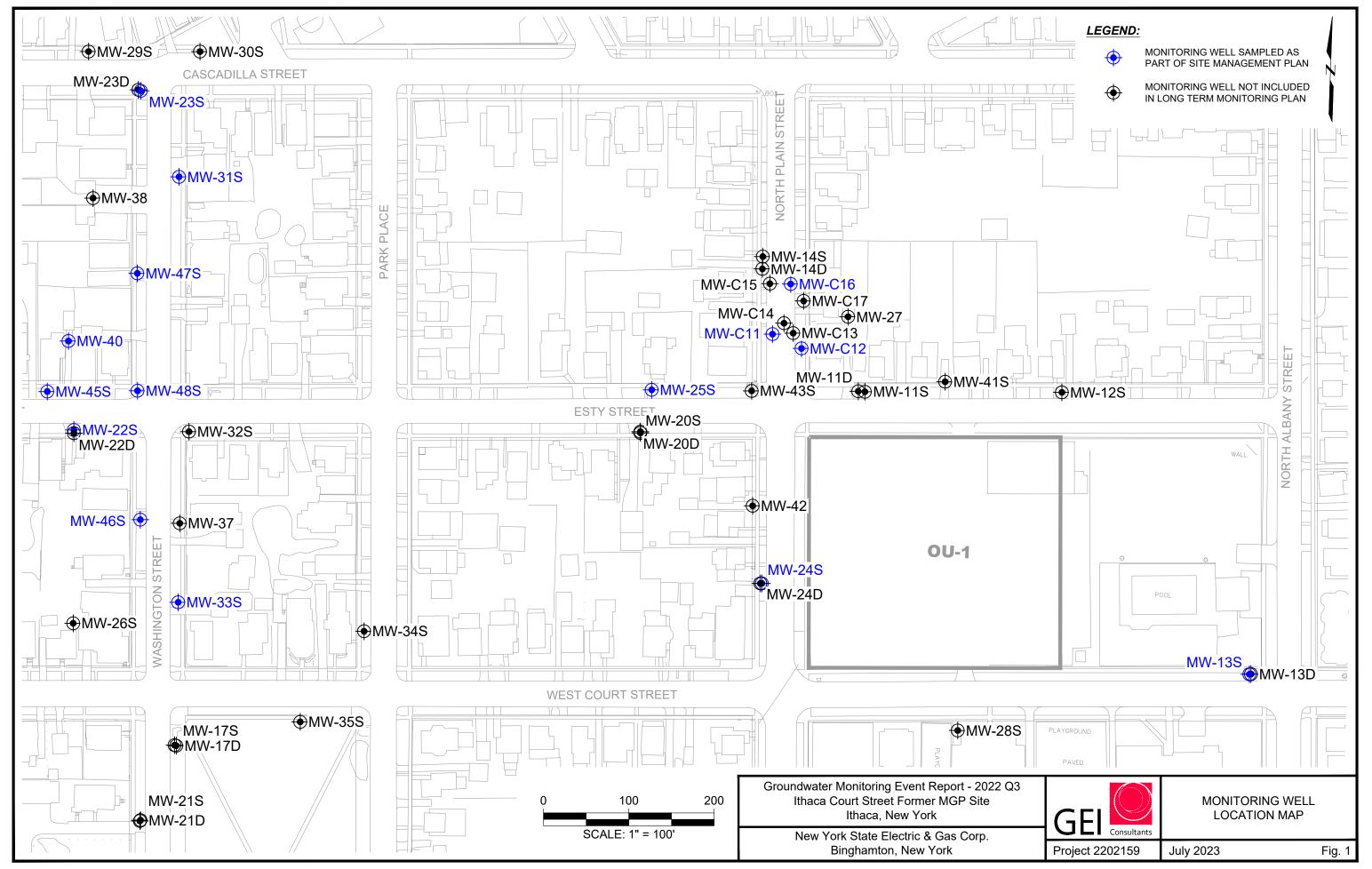
U = The result was not detected above the reporting limit.

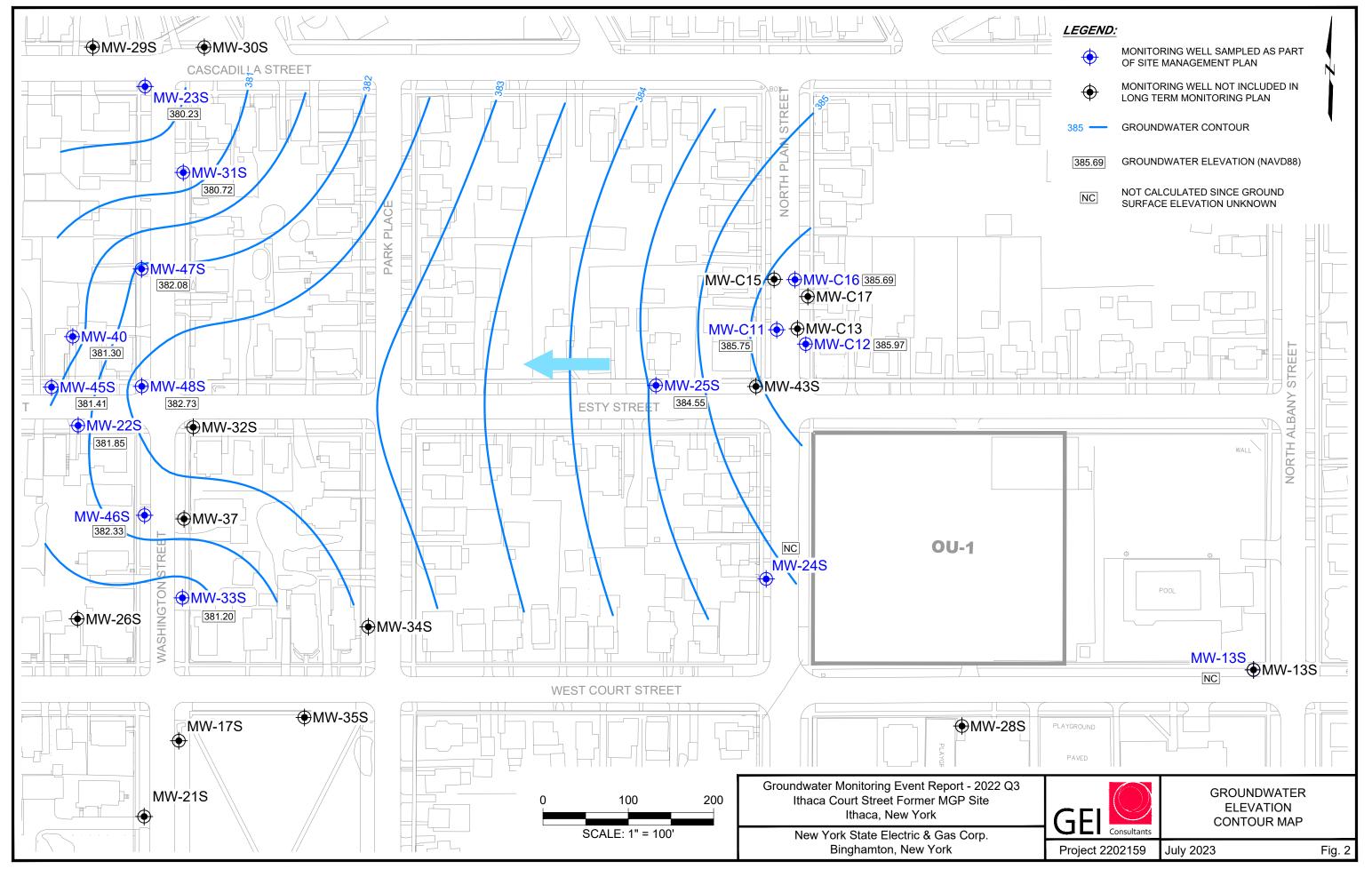
UJ = The results was not detected at or above the reporting limit shown and the reporting limit is estimated.

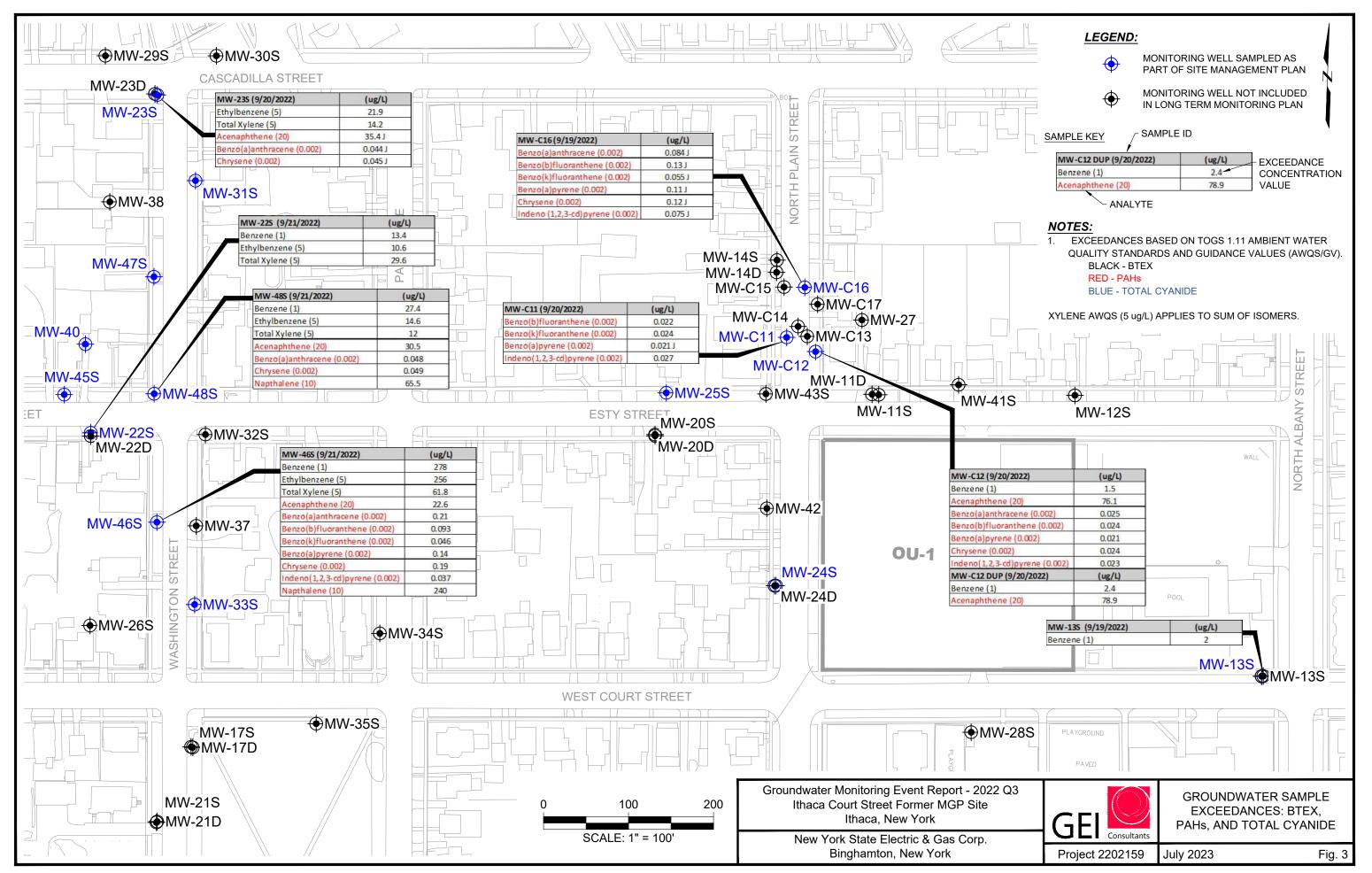
3 of 3

August 2023 GEI Consultants, Inc., P.C. Project 2202159

Figures







Attachment A

Field Sampling Records

				dwater Sampling Form
Project number and nam	226215g	Ithaca Cour	Sampling personnel	6. Pabst Sample date 9/19 4 Well ID MW-CI
Well location description.	W. Stde	Sampling Information		on %/19 Samples Collected Field values at time of sample collection:
of Plan	Shi	Initial depth to water		
Well Construction		Sample intake depth	5.46 Time	: 12 46 VOCs 8260 Time: 830 Depth to water:
Well diameter	2"			
		Pump type and ID	1	geofund VPH DO
Well measurement point	TOP OF PVE	Stabilized flow rate	N/A	EPHORP79 _mV
Roadbox condition		Stabilized flow rate =	Now rate with no further draws	own Metals pH 7.14 s.u.
Well screen interval	10-15	- trul	rate = ~0.0	7 PCBs Temp. 19.65 °C
Well depth	16.95	— :		Other Turb. 4.6 NTU
				+ see COC
Cumulative Volume	1 1 . 1	p.Cond. D.O, pH	ORP Turb.	Sample Information: Well Volume Conversion
Time (min.) (gal) Typical Groundwater Valu		mS/cm) (mg/L) (s.u		Diam. (in) Factor (gal
地55 0.25		.05 to 5 0 to 4 5 to		Sample ID 1 0.04
1300 8.5	5.86 21.37 6	1.681 G.33 7.0		Sample Time: 835 1.5 0.09 2 0.16
1305 0.75		.44 0.13 7.0	0 -62 35.3	4 0.65
1310 6.90	5.88 21.09 2	.90 0.06 7.0 .14 6.01 7.0		Color: faint brown - mostly clear 6 1.50
	5,92 26.96 2	.32 0.44 7.0		well volume = Turbidity: 4 6 3,14 x (r)^2 x 7,48 qal/ft
1325 1.5	5.88 21.65 2	-35 0.00 7.0	8 -97 13.3	3.14 x (r)^2 x 7.48 gal/ft where r = 1/2 diameter in
1330 1.6	4.13 20 86 2	41 0.60 7.0	9-100 13.1	Field Filtered YES (NO Analyses:
-> Pac	ked up equen	nent due to .	moderstoms	Filter type: Sp.Cond. +/- 3%
756 0.1	C-05 19.14 0	1.622 2-69 74	70 70.7	DO +/- 10%
755 0.4		.603 1.62 7.30	17 086	Odor/Sheen/NAPI Slight Swift - 1. V. Edge OPP +/ 10 mV
805 6.8	C.08 19.34 0	785 128 7.7	4 -19 415 5 -43 30.7	PH +/- 0.1 Std Units Temp. +/- 3% Turb. +/- 10% if values >
810 1.1	C.11 19.56 i	.35 0:63 7.10	-53 19.6	Temp. +/- 3% Turb. +/- 10% if values >
820 1.35	G.12 19.58 1 G.15 19.63 1	50 020 7.11 10 0.00 7.11	-63 12.9	If yes, duplicate ID: MS/MSD
925 1.75	6.20 19.63 1.	73 0.00 713		Purge water disposal? to ground drummed other:
850 2-10	G25, 19.65 1.	74 0.00 7.15	1 -79 4.6	
				Guidance:
				Position tubing at midpoint of saturated screened interval
				2 Minimize drop in water level and purge until parameters are stable
				3 Disconnect flow thru cell during sampling
				4 Call Project Manager if issues arise (e.g. stabilization takes more than 2 hrs, well goes dry, odd data).
otes: Punes	turned off		/19. Thunderstor	
04 1335 0	n 9/19. Packe		for the da	

910

Low-Flow Groundwater Sampling Form Court St 9/20/22 Well ID 2202159 ithnoo-Project number and name MW-CIZ Sample date Well location description: in arass Sampling Information Samples Collected Field values at time of sample collection: patking Time: 9()5 SCY Initial depth to water 930 VOCs 8260 Time: Depth to water ~12 **Well Construction** 1,50 Sample intake depth SVOCs 8270 Sp.Cond. mS/cm 050020 Well diameter Pump type and ID **VPH** 0.00 DO mg/L of risev Well measurement point Stabilized flow rate 055 **EPH** ORP mV (2/2 present Roadbox condition Stabilized flow rate = flow rate with no further drawdown Metals pΗ gallmin Well screen interval 17:03 **PCBs** Temp. 17,30 Well depth Other Turb. * see COX Cumulative Volume Water Temp. Sp.Cond. D.O. pΗ ORP Turb. Sample Information: Well Volume Conversion: Time (min.) (gal) depth (ft) (°C) (mS/cm) (mg/L) (s.u.) (mV) (NTU) Diam. (in) Factor (gal/ft) Typical Groundwater Values 5 to 15 MWC12 0.05 to 5 0 to 4 5 to 7 100 to +500 aim for <10 Sample ID 0.04 app 7.88 0 45 7.15 510 0.0 1,5 0.09 40 930 0.0 Sample Time: 0.16 10.90 0.00 7.09 0.0 0.65 90 7.02 0.00 7,08 Clear 0.0 Color: 1.50 1010 7.01 17.0 -50 0.00 -79 7,09 0.0 well volume = low Turbidity: 3,14 x (r)^2 x 7.48 gal/ft where r = 1/2 diameter in ft Analyses: N/A Field Filtered YES (NO) Stabilization Criteria: NA Filter type: Sp.Cond. +/- 3% DO +/- 10% chemical Odor Sheen/NAPL ORP +/- 10 mV pH +/- 0.1 Std Units Duplicate Collected YESV NO Temp. +/- 3% Turb. +/- 10% if values >1 NTU DUP If yes, duplicate ID: Purge water disposal? to ground drummed other: Guidance: 1 Position tubing at midpoint of saturated screened interval 2 Minimize drop in water level and purge until parameters are stable 3 Disconnect flow thru cell during sampling 4 Call Project Manager if issues arise (e.g. stabilization takes more than 2 hrs, well goes dry, odd data). Notes: Chemical odor associated w/ water 5 For VPH and VOC samples, if stabilization flow rate is less than 200 ml/min, contact PM

Well location description: OF N Plain Well Construction Well diameter Well measurement point Roadbox condition Well screen interval Well depth Cumulative Volume depth (ft) Typical Groundwater Values O S S S S S S S S S S S S S S S S S S	Initial depth Sample into Pump type Stabilized fl	nformation I to water ake depth and ID	pump Pine	Samples Collected Field values at time of sample collection:
Well construction Well diameter Well measurement point Roadbox condition Well screen interval Well depth Cumulative Time (min.) (gal) depth (ft) Typical Groundwater Values O 155 2 O 1	Initial depth Sample into Pump type Stabilized fl	ake depth and ID Company of the Comp	pump Pine	D25 VOCs 8260 Time: 1100 Depth to was perfected as perfec
Time (min.) (gal) depth (ft) Typical Groundwater Values 5 O 9,15 10 O 9,55 2 IO 0,5 9,53 2 IO 1,4 9,52 10 Z5 1,6 9,71 10 Z5 1,6 9,71 10 Z5 1,9 9,71 10				Other Turb. 1.0 NTU
22 2.2 19	Temp. (°C) (mS/cm) (mg/L) 5 to 15 0.05 to 5 0 to 4 19.05 7.70 0.21 20.27 1.67 0.00 20.31 2.04 0.00 19.98 3.20 0.00 19.98 3.44 0.00 19.82 3.62 0.00	pH (s.u.) (mV (s.u.) 5 to 7 -100 to 7.29 -12 (s.87 -9) (s.85 -1) 3 (s.85 -1) 3 (s.85 -1) 3 (s.91 -12 (s.91	(NTU) +500 aim for <10 3 4, 60 0 0, 80 0 0, 00 5 0.0 5 0.0 2 3.5 -3 3.3	Sample Information: Sample ID MWC 10 Sample Time: Color: Turbidity: Filter type: Duplicate Collected YES NO If yes, duplicate ID: Purge water disposal? To ground MWC 10 1 0.04 1.5 0.08 2 0.16 4 0.65 6 1.50 well volume = 3.14 x (r)^2 x 7.48 where r = 1/2 dian Stabilization Criter Sp. Cond. +/- 3% DO +/- 10% ORP +/- 10 mV PH +/- 0.1 Std Unit Temp. +/- 3% Turb. +/- 10% if va Turb. +/- 10% if va Guidance: 1 Position tubing at midploint of saturated screened interval 2 Minimize drop in water level and purge until parameters are stable 3 Disconnect flow thru cell during sampling 4 Call Project Manarger if issues arise (e.g. stabilization takes more than 2 hrs

Low-Flow Groundwater Sampling Form 2202159 Tthaca court Sampling personnel B. Pabst 9/19 MW-135 Project number and name Well ID Sample date Well location description: comer of Sampling Information Samples Collected Field values at time of sample collection: Time: 830 Albany court 1160 Initial depth to water VOCs 8260 Depth to water: Time: **Well Construction** Sample intake depth SVOCs 8270 Sp.Cond. mS/cm 7.01 0.14 Pump type and ID Pune-Beopung Well diameter mg/L TOP Well measurement point Stabilized flow rate ORP Roadbox condition Stabilized flow rate = flow rate with no further drawdown Metals рΗ 22.10 Well screen interval **PCBs** Temp. 4,43 7.2 Well depth Other Turb. ¥ 520 Cumulative Volume ORP Water Temp. Sp.Cond. D.O. Turb. Sample Information: Well Volume Conversion: Time (min.) (°C) (gal) depth (ft) (mS/cm) (mg/L)(s.u.) (mV) (NTU) Diam. (in) Factor (gal/ft) MW-135 Typical Groundwater Values 5 to 15 0.05 to 5 0 to 4 5 to 7 100 to +500 aim for <10 Sample ID 0.04 1025 0.75 7.07 2.15 22.45 0.45 J.24 1.5 0.09 1160 1030 0.5 72.28 7.02 7.16 0.29 6.84 -32 Sample Time: 0.16 1035 0.75 22.19 2.19 6:28 6.77 0.65 1.0 7.01 2.19 0.25 676 1040 22.11 Clear Color: 1045 101 72.10 2.19 0.21 Carto -7 4.4 well volume = 2.70 4.01 1050 22.00 0.17 C.78 Turbidity: 3.14 x (r)^2 x 7.48 gal/ft 7.01 1055 77.09 7.20 - 12 0.17 CaBI where r = 1/2 diameter in ft 90 16.F 22.10 2.20 0.14 0.83 100 Field Filtered YES / Stabilization Criteria: NIA Filter type: Sp.Cond. +/- 3% DO +/- 10% Nonz ORP +/- 10 mV Odor/Sheen/NAPL pH +/- 0.1 Std Units Duplicate Collected YES (NO) Temp. +/- 3% Turb, +/- 10% if values >1 NTU NIA If yes, duplicate ID: Purge water disposal? to ground drummed other: Guidance: 1 Position tubing at midpoint of saturated screened interval 2 Minimize drop in water level and purge until parameters are stable 3 Disconnect flow thru cell during sampling 4 Call Project Manager if issues arise (e.g. stabilization takes more than 2 hrs. well goes dry, odd data).

Notes: Visible

brown

FRECKS

flogismy in

sample

5 For VPH and VOC samples, if stabilization flow rate is less than 200 ml/min, contact PM

						Low-l	Flow Groundy	rater Sampling Form
Project number and name	220	2159]	Ethaca	Court	SF	Sampling pe	ersonnel	5. Pubst
Well location description:	To	Cache	des	Sampling Info	ormation			Samples Collected Field values at time of sample collection:
on S. sole	<u> </u>	Esty	near	Initial depth to		4.74) Time:	830 VOCs 8260 Time: 855 Depth to water:
Well Construction	norsus	3100 3	· h	Sample intake		~12	211.5	
Well djameter	_ 2″			Pump type an	d ID	Perista	150/	Geolump VPH DO O.OO mg/L
Well measurement point	toe o	Tump type and is						
Roadbox condition	Missing 3 Bolls Stabilized flow rate = flow rate with no furth						urlher drawdow	= 17
Well screen interval	9-1	4'						PCBs Temp°C
Well depth	13.60' Other Turb. 3.9 NTU							
								* See COC
Cumulative Volume Time (min.) (gal)	Water depth (ft)	Temp. (°C)	Sp.Cond. (mS/cm)	D.O. (mg/L)	pH (s.u.)	ORP (mV)	Turb. (NTU)	Sample Information: Well Volume Conversion: Diam. (in) Factor (gal/ft)
Typical Groundwater Valu	es	5 to 15	0.05 to 5	0 to 4	5 to 7	-100 to +500	aim for <10	Sample ID
835 O. I	5.09	17.23	0.957	0.00	7.80	-88	4.3	Sample Time: 855 1.5 0.09 2 0.16
845 0.75	5,15	17.37	0.917	(3.00	7.20	-87	4.5	4 0,65
855 1.2	5.20		0.910	0.00	7.17	-88 -88	3.9	well volume =
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1100	0.110					Turbidity: 3.14 x (r)^2 x 7.48 gal/ft
:								where r = 1/2 diameter in f
								Stabilization Criteria:
9								DO 1/ 10%
								Odor/Sheen/NAPL Odor/Sheen/NAPL ORP +/- 10 mV pH +/- 0.1 Std Units
> V								Duplicate Collected YES NO Temp. +/- 3%
3								If yes, duplicate ID:
-								Purge water disposal? to ground drummed other:
3								Guidance:
								1 Position tubing at midpoint of saturated screened interval
8								2 Minimize drop in water level and purge until parameters are stable
5								3 Disconnect flow thru cell during sampling
								4 Call Project Manager if issues arise (e.g. stabilization takes more than 2 hrs, well goes dry, odd data).
Notes:		*						5 For VPH and VOC samples, if stabilization flow rate is less than 200 ml/min, contact PM

	Low-Flow Groundwater Sampling Form						
Project number and name 2202159 Therea Court Sam	pling personnel B. Pabs L Sample date 9/20/72 Well ID MW-235						
Well location description: Corner of Sampling Information	Samples Collected Field values at time of sample collection: Time: 1420 VOCs 8260 Time: 1455 Depth to water:						
	Jan 21						
- 11	the life of feed to the second of the second						
Well measurement point top of fv (Stabilized flow rate 0.05 gal/ml) EPH ORP -33 mV Roadbox condition Throad's Brown, (2/3) Stabilized flow rate = flow rate with no further drawdown Metals PH 7.17 s.u.							
Well screen interval 4-14	PCBs Temp. 19.89 °C						
Well depth13.64/	Other Turb. 1.8 NTU						
	- see coc						
74000704	RP Turb. Sample Information: Well Volume Conversion:						
	nV) (NTU) to +500 aim for <10 Sample ID MW -23.5 Diam. (in) Factor (gal/ft) 1 0.04						
1425 G.1 (GO 19.02 0.646 031 710 -1	55 2.5						
1430 0.5 G.60 19.20 0.625 0.00 7.16 -0 1435 0.75 G.59 19.64 0.544 1.22 7.16 -0	Sample Time.						
1440 10 6,59 19,83 0,539 1,29 7,13 -	4 0.65 25 2.6 Color: Cilar 6 1.50						
1445 1.20 G.59 19.83 0.548 1.17 7.15 -2	9 7.0						
1450 1.40 G.59 19.85 G.552 1.11 7.16 -3	2						
1,0 22, 3,01 000 111 3,11	where r = 1/2 diameter in ft Field Filtered YES / WO Analyses: N / Analyses:						
	Filter type: N/A Sp.Cond. +/- 3%						
	DO +/- 10%						
	Odor/Sheen/NAPL NAPL Odor ORP +/- 10 mV						
	pH +/- 0,1 Std Units Duplicate Collected YES (NO) Temp. +/- 3%						
	Turb. +/- 10% if values >1 NTU						
	If yes, duplicate ID: N/A						
	Purge water disposal? to ground drummed other:						
	Guidance:						
	1 Position tubing at midpoint of saturated screened interval						
	2 Minimize drop in water level and purge until parameters are stable						
	3 Disconnect flow thru cell during sampling						
	4 Call Project Manager if issues arise (e.g. stabilization takes more than 2 hrs, well goes dry, odd data).						
Notes:	5 For VPH and VOC samples, if stabilization flow rate is less than 200 ml/min, contact PM						

Notes: smells like something

dead, in well?

purged and Stabilized on 19/19, thunderstorm came in and e and then took grap sample as well ran dry nextast time

1305

ended day turly. Took 2 measurements on

well goes dry, odd data).

4 Call Project Manager if issues arise (e.g. stabilization takes more than 2 hrs,

5 For VPH and VOC samples, if stabilization flow rate is less than 200 ml/min, contact PM

		Low-Flow Groundwa	ater Sampling Form
Project number and name 220215		Sampling personnel	8. Pabst Sample date 9/20127 Well ID MW-255
St	•		9/21/22
Well location description:		27	Samples Collected Field values at time of sample collection:
Esty St. Across from	Initial depth to water	Time:	
Well Collection	Sample intake depth	~8.5'	SVOCs 8270 Sp.Cond,
Well diameter	Pump type and ID	peri pump / ge	cofump VPH DO 2-68 mg/L
	Stabilized flow rate	NA forest	ORPmv
Roadbox condition MESSING 100	Stabilized flow rate = flow	rate with no further drawdown	Metals pH 7.06 s.u.
Well screen interval 3-10			PCBs Temp. <u>16,69</u> °C
Well depth 9, 70'		2:	Other TurbNTU
			* 902 COC
Cumulative Volume Water Temp.	Sp.Cond, D.O. pH	ORP Turb.	Sample Information: Well Volume Conversion:
Time (min.) (gal) depth (ft) (°C) Typical Groundwater Values 5 to 15	(mS/cm) (mg/L) (s.u.) 0.05 to 5 0 to 4 5 to 7	(mV) (NTU)	Sample ID MW - 25 S Diam. (in) Factor (gal/ft)
1020 0.2 7.21 17.80	4.04 0.14 2.01	-43 0.5	1.5 0.09 Sample Time: 755
1025 0.5 7.69 17.75		-3C 7.7 -34 3.5	Sample Time: 2 0.16 4 0.65
1035 1.0 B.34 17.73	4.03 000 7.08	-28 1.7	Color:
1040 1.25 8.61 17.72	4.03 0.00 7.09	-73 i.7	well volume = Turbidity: 7.1 NTY well volume = 3.14 x (r)^2 x 7.48 gal/ft
Purp	went do		where r = 1/2 diameter in ft
755 0.1 7.89 16.60		7.1	Field Filtered YES Analyses: N/A
O. ab San			Filter type: Stabilization Criteria: Sp.Cond. +/- 3%
			DO +/- 10%
			pH +/- 0.1 Std Units
			Duplicate Collected YES No. 1. 1. 3%
			If yes, duplicate ID: Turb. +/- 10% if values >1 N
			Purge water disposal? to ground drummed other:
			Guidance:
			1 Position tubing at midpoint of saturated screened interval
			2 Minimize drop in water level and purge until parameters are stable
			3 Disconnect flow thru cell during sampling
			4 Call Project Manager if issues arise (e.g. stabilization takes more than 2 hrs, well goes dry, odd data).
Notes: * Gab Sunger 0	n 9/21/27		5 For VPH and VOC samples, if stabilization flow rate is less than 200 ml/min, contact PM

Low-Flow Groundwater Sampling Form 9/20/72 MW-315 Ithaca Ct. Strewsampling personnel 2202159 Project number and name Sample date E side Wash St. Sampling Information P_r Well location description: Samples Collected Field values at time of sample collection: in grass, next to rod maple Initial depth to water VOCs 8260 Time: Depth to water: Well Construction Sample intake depth SVOCs 8270 Sp.Cond. 046848 Well diameter 0.00 Pump type and ID VPH DO 35 Well measurement point top of riser Stabilized flow rate EPH ORP 6.52 Stabilized flow rate = flow rate with no further drawdown Roadbox condition Metals pΗ gal/min 17.02 Well screen interval **PCBs** Temp. 11.60 Well depth (DTB) 0.0 Other Turb. wsee Col Cumulative Volume Water Temp. Sp.Cond. D.O. рΗ ORP Turb. Sample Information: Well Volume Conversion: Time (min.) depth (ft) (°C) (gal) (mS/cm) (mg/L)(s.u.) (mV) (NTU) Diam. (in) Factor (gal/ft) MW . 315 1355 Typical Groundwater Values 0 to 4 0.05 to 5 5 to 7 5 to 15 100 to +500 aim for <10 Sample ID 0.04 17,30 7.90 6.85 7.50 0,892 19.9 1.5 0.09 0.0 0.08 Sample Time: 2 0.16 0.00 0.0 10 28 0.65 clear 7.18 0,597 0.00 3 10.0 Color: 1.50 0.897 0.00 6,54 0.0 well volume = 16.99 17.897 0.00 0.0 WICH Turbidity: 3.14 x (r)^2 x 7.48 gal/ft 7.16 1702 0.897 000 00 where r = 1/2 diameter in ft Field Filtered YES /NO Stabilization Criteria: NA Filter type: Sp.Cond. +/- 3% DO +/- 10% slight odo V Odor Sheen/NAPL ORP +/- 10 mV pH +/- 0.1 Std Units Duplicate Collected YES /NO Temp. +/- 3% Turb. +/- 10% if values >1 NTU If yes, duplicate ID: Purge water disposal? to ground drummed other: Guidance: 1 Position tubing at midpoint of saturated screened interval 2 Minimize drop in water level and purge until parameters are stable 3 Disconnect flow thru cell during sampling 4 Call Project Manager if issues arise (e.g. stabilization takes more than 2 hrs, well goes dry, odd data).

4 5

Notes:

5 For VPH and VOC samples, if stabilization flow rate is less than 200 ml/min, contact PM

Cumulative Time (min.)	Volume (gal)	Water depth (ft)	Temp. (°C)	Sp.Cond. (mS/cm)	D.O. (mg/L)	pH (s.u.)	ORP (mV)	Turb. (NTU)
	ndwater Valu		5 to 15	0.05 to 5	0 to 4	5 to 7	-100 to +50	
0	0.05	650	16,87	1.75	2.68	681	7	4.0
5	0.50	6.95	110.91	1.20	1.19	10076	-53	3.8
10	0.80	7.30	16.80	1.26	0.72	6.80	-74	8.0
15	1.0	7.55	16.88	1.26	0.47	6.81	-82	0.0
20	1.40	1.13	19,01	1.24	0.27	6.81	-85	0.0
25	1.50	7,85	16.92	1.25	0.25	6.81	-87	0.0
	1.80	7.95						
	Net .							
		14.						

Sample	Information:
--------	--------------

Sample ID MW-33S MW-33S

Sample Time: 930

color: <u>slightly</u> yellow

Turbidity:

Field Filtered YES / 100 Analyses: N/A-

Filter type:

Odor/Sheen/NAPL Slightly Chellical

Duplicate Collected YES (NO)

If yes, duplicate ID:

Purge water disposal?

1

drummed

other:

Well Volume Conversion:

Diam. (in)

1.5

2

well volume =

Factor (gal/ft)

0.04

0.09

0.16 0.65

1.50

3.14 x (r)^2 x 7.48 gal/ft

Stabilization Criteria:

Sp.Cond. +/- 3% DO +/- 10%

ORP +/- 10 mV pH +/- 0.1 Std Units

Temp. +/- 3%

where r = 1/2 diameter in ft

Turb. +/- 10% if values >1 NTU

Guidance:

1 Position tubing at midpoint of saturated screened interval

to ground

- 2 Minimize drop in water level and purge until parameters are stable
- 3 Disconnect flow thru cell during sampling
- 4 Call Project Manager if issues arise (e.g. stabilization takes more than 2 hrs, well goes dry, odd data).
- 5 For VPH and VOC samples, if stabilization flow rate is less than 200 ml/min, contact PM

900

930

							Low-F	Flow Groundw	ater Sampling Form				
Part Content Content	Project number and n	ame 220	2159	Ithqu	a Cart	St.	Sampling pe	ersonnel	B. PalasiL	_Sample date	9/20/22	Well ID	MW-40
Pump type and D Pump type and D Pump type and	at you e		Dava	way	Initial depth to	water	5.44	Time:	12:15 VOCs 8260	Time:	1300	·	Depth to water:
Sample Information:		7"			,		000	me 1 0		1		-8	
Sample Decision Caroox			DATE OF THE	C	, ,,		Mio C				-92		
Volume V	,									7			
Other Othe		7 9			Stabilized flow								
Well Volume Water Temp Sp.Cond. D.O. pH ORP Turb. (mg/L) (s.u.) (my/) (NTU) (wglad Groundwater Values Sio 15 0.05 to 5 0.14 5.10 1.05 to 5.04 5.10 1.05 to 5.05 1.10		3-1	1			0.0	יוןואני		-	7			
mac (min) (ga) depth (th) CC (mStern) (mg/L) (e.u.) (mV) (MTU)	Well depth								Lar constant			—NTU	
17.25 0.4 5.98 16.61 0.700 1.69 7.13 -40 15.4 17.25 0.4 0.10.5 0.255 2.24 0.91 -10 5.3 17.25 0.9 0.30 (0.51 0.255 0.255 0.45 0.91 -2.3 4.1 17.25 0.9 0.30 (0.51 0.253 0.88 0.91 -2.3 4.1 17.25 1.45 0.253 0.263 0.27 0.26 0.38 3.5 17.25 1.45 0.253 0.20 0.20 0.20 0.20 0.20 0.20 1.3 0.45 10.49 0.203 0.20 0.20 0.20 0.20 0.20 1.3 0.45 10.49 0.203 0.20 0.20 0.20 0.20 0.20 1.3 0.45 10.49 0.203 0.20 0.20 0.20 0.20 0.20 1.3 0.45 10.49 0.203 0.20 0.20 0.20 0.20 1.3 0.45 10.49 0.203 0.20 0.20 0.20 0.20 1.3 0.45 10.49 0.203 0.203 0.20 0.20 1.3 0.45 10.49 0.203 0.203 0.20 0.20 1.3 0.45 10.49 0.203 0.203 0.203 0.203 1.4 0.702 0.203 0.203 0.203 0.203 0.203 1.5 0.203 0.203 0.203 0.203 0.203 0.203 1.5 0.203 0.203 0.203 0.203 0.203 1.5 0.203 0.203 0.203 0.203 0.203 1.5 0.203 0.203 0.203 0.203 1.5 0.203 0.203 0.203 0.203 1.5 0.203 0.203 0.203 0.203 1.5 0.203 0.203 0.203 0.203 1.5 0.203 0.203 0.203 0.203 1.5 0.203 0.203 0.203 0.203 1.5 0.203 0.203 0.203 0.203 1.5 0.203 0	Time (min.) (gal	depth (ft)	(°C) 5 to 15	(mS/cm) 0.05 to 5	(mg/L) 0 to 4	(s.u.) 5 to 7	(mV) -100 to +500	(NTU) aim for <10	AA. 1	J-40		Dian	n. (in) Factor (gal/ft)
235 6.9 6.30 (6.51 6.255 7.45 6.91 -15 3.7 240 1.1 (7.40 12.57 6.98 6.41 -2.3 4.1 241 1.1 1.1 1.1 1.1 1.1 250 1.1 6.55 16.49 6.21 0.20 6.91 -5.7 4.0 255 2.0 6.95 16.40 6.286 6.20 6.27 -81 3.5 250 2.2 70.7 16.41 0.297 0.00 0.95 -93 4.1 250 2.2 70.7 16.41 0.297 0.00 0.95 -93 4.1 250 2.2 70.7 16.41 0.297 0.00 0.95 -93 4.1 250 2.2 70.7 16.41 0.297 0.00 0.95 -93 4.1 250 2.2 70.7 16.41 0.297 0.00 0.95 -93 4.1 250 2.2 70.7 16.41 0.297 0.00 0.95 -93 4.1 250 2.2 70.7 16.41 0.297 0.00 0.95 -93 4.1 250 2.2 70.7 16.41 0.297 0.00 0.95 -93 4.1 250 2.2 70.7 16.41 0.297 0.00 0.95 -93 4.1 250 2.2 70.7 16.41 0.297 0.00 0.95 -93 4.1 250 2.2 70.7 16.41 0.297 0.00 0.95 -93 4.1 250 2.2 70.7 16.41 0.297 0.00 0.95 -93 4.1 250 2.2 70.7 16.41 0.297 0.00 0.95 -93 4.1 250 2.2 70.7 16.41 0.297 0.00 0.95 -93 4.1 250 2.2 70.7 16.41 0.1 250	1225 0.4	5.98	14.61	0.200	1.69	7.13	-46	15.4	Sample Time:	00		_ ;	2 0.16
1745	1235. 0.0	6.30	14.51	0.255	1.45	6.92	-15	3.2	Color:	+ yell	0W		6 1.50
12.55 2.0 C.95 1(.40 C.286 G. 00 C.97 -87 3.5	1245 1.4	6.55	14.48	0.263	0.33	0.90	-38	3.5	Turbidity:			3.14	x (r)^2 x 7.48 gal/ft
Filter type: N/A Odor/Sheen/NAPL Dowlicate Collected YES(N) If yes, duplicate ID: Purge water disposal? to ground drummed other: Guidance: 1 Position tubing at midpoint of saturated screened interval 2 Minimize drop in water level and purge until parameters are stable 3 Disconnect flow thru cell during sampling 4 Call Project Manager if issues arise (e.g. stabilization takes more than 2 hrs,	1255 2.0	G.95	16.40	0.286	6.00	6.92	-81		Field Filtered YES	Analyses:			
Odor/Sheen/NAPL Duplicate Collected YES(NO) If yes, duplicate ID: Purge water disposal? to ground drummed other: Guidance: 1 Position tubing at midpoint of saturated screened interval 2 Minimize drop in water level and purge until parameters are stable 3 Disconnect flow thru cell during sampling 4 Call Project Manager if issues arise (e.g. stabilization takes more than 2 hrs,	1305 2.2	7.07	16,42	0.292	000	Q.45	~43	4.1	Filter type: N/	^		Sp.C	Cond. +/- 3%
Duplicate Collected YES(No) If yes, duplicate ID: Purge water disposal? to ground drummed other: Guidance: 1 Position tubing at midpoint of saturated screened interval 2 Minimize drop in water level and purge until parameters are stable 3 Disconnect flow thru cell during sampling 4 Call Project Manager if issues arise (e.g. stabilization takes more than 2 hrs,									Odor/Sheen/NAPL	None		ORP	+/- 10 mV
If yes, duplicate ID: Purge water disposal? to ground drummed other: Guidance: 1 Position tubing at midpoint of saturated screened interval 2 Minimize drop in water level and purge until parameters are stable 3 Disconnect flow thru cell during sampling 4 Call Project Manager if issues arise (e.g. stabilization takes more than 2 hrs,												Tem	p. +/- 3%
Guidance: 1 Position tubing at midpoint of saturated screened interval 2 Minimize drop in water level and purge until parameters are stable 3 Disconnect flow thru cell during sampling 4 Call Project Manager if issues arise (e.g. stabilization takes more than 2 hrs,									If yes, duplicate ID:	7/4			, +1- 10% Values >1 N1 C
1 Position tubing at midpoint of saturated screened interval 2 Minimize drop in water level and purge until parameters are stable 3 Disconnect flow thru cell during sampling 4 Call Project Manager if issues arise (e.g. stabilization takes more than 2 hrs,									Purge water disposal?	to ground	drummed	other:	
2 Minimize drop in water level and purge until parameters are stable 3 Disconnect flow thru cell during sampling 4 Call Project Manager if issues arise (e.g. stabilization takes more than 2 hrs,	5 								Guidance:				
3 Disconnect flow thru cell during sampling 4 Call Project Manager if issues arise (e.g. stabilization takes more than 2 hrs,	-								1 Position tubing at midpo	oint of saturate	d screened inter	rval	1
4 Call Project Manager if issues arise (e.g. stabilization takes more than 2 hrs,									2 Minimize drop in water	level and purge	e until paramete	rs are stabl	e
									3 Disconnect flow thru ce	ll during sampl	ing		5
											e.g. stabilization	takes more	than 2 hrs,
otes:	Notes:								5 For VPH and VOC samples	, if stabilization f	low rate is less tha	ın 200 ml/min	, contact PM

							Low-f	low Groundwate	r Sampling Form							
Project numb	er and name	_2:	20215	9 It		ourt	Sampling pe	rsonnel <u>B</u> .	Palos H			Sample date	9/20/22 N	/ell ID	MW-459	3
						31~	- 12									
Well location	9	To	front	00	Sampling Info	ormation				ples Coll	ected	Field valu	es at time of sample c	ollection	:	
400	Esty	Sir.			Initial depth to	water	5.09		20 voc	s 8260		Time:	1145		Depth to water:	
Well Constru	ıction				Sample intake	depth	~10?		svo	Cs 8270		Sp. Cond.		S/cm	7.80	in .
Well diamete	r	2"			Pump type an	d ID	Perista	Itic ann	e/vph			DO		ıg/L		
Well measure	ement point	top	of (ove	Stabilized flow	rate	NA	Geogn	PPHEPH			ORP	-95 m	ıV		
Roadbox con	dition	Missins	1 120	it	Stabilized flow	rate = flow	ate with no fu	ırlher drawdown	Meta	ıls		рН	_7.09 s.	u.		
Well screen i	nterval	4-1	٦'		pun	p rate	, ~ O.	635591/m	PCB	s		Temp.	_19.01 °C			
Well depth		14.	82						Othe			Turb.	6.2 N	TU		
	V .									* 5	e co					
Cumulative	Volume	Water	Temp.	Sp.Cond.	D.O.	рН	ORP	Turb.	Sample In	formation	1:			Wel	Volume Conversion:	7.
Time (min.)	(gal)	depth (ft)	(°C)	(mS/cm)	(mg/L)	(s.u.)	(mV)	(NTU)			M.				n (in) Factor (gal/ft	.)
Typical Groun	dwater Value	5.75	5 to 15	0.05 to 5	0 to 4	5 to 7	-95	aim for <10 8-3	Sample ID	-		-45S		1.	1 0,04 5 0.09	
1130	6.4	0.17	18.70	1.34	0.14	7.74	-97	9.7	Sample Tir	ne:	1145	•			2 0.16	
1035	0.5	6.79	18.43	1.30	0.62	7.17	-99	7.0		-	Oleak 1	i alla a	I No. A	- 1	4 0,65	
1640	0.85 0.85	7.80	19.16	1.28	6.00	7.09	-91	6.7	Color:		> NON*	- yellow	HVD.		6 1,50 volume =	
_11.75	0.0	*300	1 201	N.L.I	0.00	7.0 ,			Turbidity:	_	6.7	-			x (r)^2 x 7.48 gal/ft	
-									Field Files	- J VED I		A I		whe	re r = 1/2 diameter in	ft
									Field Filter			Analyses:	 -	Stat	ilization Criteria;	_
									Filter type:	-	クノウ			Sp.0	Cond. +/- 3%	
									Odor/Shee	n/NIADI	Brow	n ficeru	in sample		+/- 10% P +/- 10 mV	
-															-/- 0.1 Std Units	
									Duplicate 0	Collected \		Ž.			p. +/- 3%	4 NITI
									If yes, dupl	icate ID:	N	A		Liur	o, +/- 10% if values >1	LNIC
									Purge wate	er disposa	1?	to ground	drummed	ther:		
									Guidano	:e:						Û
											at majete e !-	at of agreements	I norooped interiol			
									Position	tubing a	it miapoir	it of saturated	screened interval			
									2 Minimize	drop in	water le	vel and purge	until parameters a	re stab	e	
									3 Disconne	ect flow	thru cell	during sampli	ng			
									4 Call Proi	ect Mar	ager if is	sues arise (e	g. stabilization take	es more	than 2 hrs	
									well goes			-200 01100 (0.	J. Starmeation talk			
Notes:									5 For VPH a	and VOC	samples, i	f stabilization fl	ow rate is less than 20	00 ml/mir	n, contact PM	l.

	Lo	w-Flow Groundwater Sampling Form		
Project number and name 2202 15	9 140000 Of St Sampling	personnel P. Moyer	Sample date 9/21/22 Well	10 MW-465
Well location description: W. 3 ide &	Sampling Information	Samples Collecte	Field values at time of sample colle	ection:
Wash St in grass by #211	Initial depth to water	Time: 1020VOCs 8260	Time: 1050	Depth to water:
Well Construction	Sample intake depth	SVOCs 8270	Sp.Cond. 0.109Z mS/c	11 000
Well diameter 2	Pump type and ID	VPH VPH	DO 0,00 mg/L	@ end 4.85
Well measurement point top of riser	Stabilized flow rate Pump	COLC ~0.047 901/morePH	ORP57 mv	4.85
Roadbox condition Good 2/2	Stabilized flow rate = flow rate with no	o further drawdown Metals	pH 10.93 s,u.	
Well screen interval		PCBs	Temp. 18,89 °C	
Well depth		Other	Turb. O,O NTU	
2		See (a		
	Sp.Cond. D.O. pH ORP (mS/cm) (mg/L) (s.u.) (mV)	Turb. Sample Information: (NTU)		Well Volume Conversion:
Typical Groundwater Values 5 to 15	0.05 to 5 0 to 4 5 to 7 -100 to +5		IW-465	Diam. (in) Factor (gal/ft) 1 0.04
0.5	0.795 1.7 7.07 -54	0,9	050	1.5 0.09
10 1,50 9,70 19.12	0.712 0.00 6.99 -66	Sample Time:	750	2 0.16 4 0.65
15 8.70 4,73 19.22 (201-1000 G.9x -Colo	0.0 Color: 5	ightly yellow	6 1.50
25 1,20 4,79 18,87	0.691 0.00 6.97 -58		ುಬ	well volume = 3.14 x (r)^2 x 7.48 gal/ft
30 1,509,80' 18890	3,6920,00 693 57	0.0	/-	where r = 1/2 diameter in ft
		Field Filtered YES (NO	Analyses: N/A	Stabilization Criteria:
		Filter type:	N/A	Sp.Cond. +/- 3%
		Odpir/Sheet/(NAPL)	sheen, NAPL odor	DO +/- 10% ORP +/- 10 mV
			NAPI PROGRAMMETA	pH +/- 0.1 Std Units
		Duplicate Collected YES	NO .	Temp. +/- 3% Turb. +/- 10% if values >1 N
		If yes, duplicate ID:	N/A	
		Purge water disposal?	to ground drummed other:	_
		Guidance:		
		1 Position tubing at mi	idpoint of saturated screened interval	
		2 Minimize drop in war	ter level and purge until parameters are s	stable
		3 Disconnect flow thru	cell during sampling	
		4 Call Project Manage well goes dry, odd d	r if issues arise (e.g. stabilization takes n ata).	more than 2 hrs,
Notes: debris visible in t	ubing Mushed b	refore 5 For VPH and VOC sam	ples, if stabilization flow rate is less than 200 m	Il/min, contact PM
beginning measuremen	1.31	nroughout and in so	ome bottles	
MARL discoloration on	meter at 125 B	ebs of NAPL on 1954	5' to the bottom	
GEI Consultants, Inc.	FC (H:\WPROC\ADMIN\SOP\\Indated.\!UNF 2011\SOP (or lotrang\\Saction 6	- Groundwaler (CM/\\Attachmoo\\CW\\ DD2 Low Flow (low street) Cre-	6/15/2011

D -11		17.2	DZIE	03 11	naca Co	124		. 3	2. Moyer	9/20/20	Z. A A S A A TO E.
Project numb	er and name			1 11	MEN (V)	M.1 93	_Sampling pe	rsonnel	a. Interpreta	Sample date 9/20/22 9/21/22	Well ID Mbu-47-S
Well location	description:	Ġ.rc	ss on	W	Sampling Inf	ormation		36	Samples Collected	Field values at time of samp	le collection:
side	of Wa		27	0.00	initial depth to	water	4,71	Time:	145 VOCs 8260	Time: \$00	Depth to water:
Well Constru		U		200	Sample intake		~12		SVOCs 8270	Sp.Cond. 0,950	mS/cm 6,70
Well diamete		211			Pump type an		_		VPH	() 22	
4		dian a	f rise				Geopu	•		-11(-	-mg/L @ end of
Well measur	\$11		17-	51	Stabilized flow			gallmin	12.14	07	-mv sampling
Roadbox cor		G0001	2 121	2013	Stabilized flow	rate = flow	rate with no fu	irther drawdown	Metals		-s,u.
Well screen i	interval	11/00	<i>)</i>						PCBs	Temp. 17,31	_°c 10,01
Well depth	-	14.93							Olher See Coc	Turb. 17.6	_NTU
Cumulative Time (min.)	Volume (gal)	Water	Temp.	Sp.Cond.	D.O.	рН	ORP	Turb.	Sample Information:	*	Well Volume Conversion:
117111111111111111111111111111111111111	ndwater Value	depth (ft)	5 to 15	(mS/cm) 0.05 to 5	(mg/L) 0 to 4	(s.u.) 5 to 7	(mV)	(NTU) aim for <10	Sample ID MW	-475	Diam. (in) Factor (gal/ft) 1 0.04
0	0.]	5.69	17.27	D.877	0.13	7,40	-135	0.0		X	1.5 0.09
5	8.8	150	17.70	0.811	0.00	7.21	-143	0.0	Sample Time:		2 0.16
15	1.0	8.55	18.13	0.925	0.00	697	-125	0,0	color: sligh	thy claudy	4 0.65 6 1.50
20		9.60	17.97	0.937	0.00	696	-124	0.0		1 5 5 5 5 1 1	well volume =
20	15	11.05	17.85	0.948	0,00 D1009	7.03	-127	0.5	Turbidity:	ut suspended	3.14 x (r)^2 x 7.48 gal/ft where r = 1/2 diameter in ft
35	1.9	11.20	17.72	0.908	2.93	7.00	-118	47,0	Field Filtered YES / (0)	Analyses:	Where I = 1/2 diameter iii ii
Tel		0.				5)		3.00	Filter type:		Stabilization Criteria:
				D>					No. of the last of		Sp.Cond. +/- 3% DO +/- 10%
0		5.80	16.30	0.946		6.85	45	18.7	Odor(Sheer)/NAPL	odor + sheen	ORP +/- 10 mV
130	्रें	6.03	11.74	0.950	0.22	6.83	-29	17.10	Duplicate Collected YES /NO	\	pH +/- 0.1 Std Units > Temp. +/- 3%
		-	17:21	0, 1,20	7,00		-10		_	NIA	Turb. +/- 10% if values >1
									If yes, duplicate ID:	NA	=8,
									Purge water disposal?	to ground drummed	other:
									Guidance:		t ×
									1 Position tubing at midpoi	nt of saturated screened interv	/al
									2 Minimize drop in water le	vel and purge until parameter	s are stable
									3 Disconnect flow thru cell	during sampling	
									4 Call Project Manager if is well goes dry, odd data).	sues arise (e.g. stabilization t	akes more than 2 hrs,
1000	ent d	ا م ا م	35 r	minu-	les on	9/20	Samo	lucas d		if stabilization flow rate is less than	

	Low-Flow Groun	dwater Sampling Form	
Project number and name 2282159	Tithaca Costampling personnel	B, Pabs + Sample date 9/21/27	Well ID MW-485
Well location description: CDRNER of	Sampling Information	Samples Collected Field values at time of sample	collection:
WASHINGTON + ESTY	Initial depth to water 394 Time	e: <u>16 65</u> vocs 8260 Time: <u>10 5 5</u>	Depth to water:
Well Construction	Sample intake depth		mS/cm <u>4.33</u>
Well diameter	Pump type and ID Perstalte		mg/L
Well measurement point top of PVC	Stabilized flow rate pung runt = 0.0	14 ecl / - 0	mV
Roadbox condition	Stabilized flow rate = flow rate with no further drawd	lown Metals pH 7.57	s.u.
Well screen interval		PCBs Temp, 21,34	°C
Well depth13-46'		Other Turb.	NTU
		* See COC.	16
Cumulative Volume Water Temp. Sp.Conc Time (min.) (gal) depth (ft) (°C) (mS/cm	The state of the s	Sample Information:	Well Volume Conversion: Diam. (in) Factor (gal/ft)
Typical Groundwater Values 5 to 15 0.05 to 5	5 0 to 4 5 to 7 -100 to +500 aim for <10		1 0.04
1010 0.1 4.29 2055 3.64		Sample Time:	1.5 0.09 2 0.16
1020 0.55 4.00 2116 3.70	5 6.00 7.46-118 4.7		4 0,65
1025 0.75 4.20 21.13 3.77	2 0,00 7.49 -121 4.0	Color: CLEAR	6 1.50 well volume =
1035 110 412 21.49 3.73	3 000 7.53 - 120 2.3	Turbidity: 1.4	3,14 x (r)^2 x 7.48 gal/ft
1045 1.45 4.34 21.24 3.71	0.00 7.54 -124 2.6	Field Filtered YES / Analyses:	where r = 1/2 diameter in ft
1050 7.0 4.34 21.28 3.71	0.00 7.57 -136 1.1		Stabilization Criteria:
1055 7.3 4.33 71.34 372	0.00 7.57 -130 1.4		Sp.Cond. +/- 3% DO +/- 10%
		Odor/Sheen/NAPL NAPL odor	ORP +/- 10 mV
		Duplicate Collected YES / (O)	pH +/- 0.1 Std Units Temp., +/- 3%
tu tu		If yes, duplicate ID: N/A	Turb. +/- 10% if values >1 NTU
		Purge water disposal? to ground drummed	other:
		Guidance:	
		1 Position tubing at midpoint of saturated screened interval	ı
		2 Minimize drop in water level and purge until parameters	are stable
		3 Disconnect flow thru cell during sampling	
		4 Call Project Manager if issues arise (e.g. stabilization take well goes dry, odd data).	ses more than 2 hrs,
Notes:		well goes dry, odd data). 5 For VPH and VOC samples, if stabilization flow rate is less than 2	200 ml/min, contact PM
Processes		The state of the s	Committee of the commit

Attachment B

Data Usability Summary Report



Project:

NYSEG-ITHICA COURT STREET PROJ

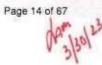
Pace Project No.:

70230003

Sample: MW-C16	Lab ID:	70230003001	Collected: 09/	19/22 11:0	Received: 0	9/20/22 10:30	Matrix: Water	
Parameters	Results	Units	Report Lin	it DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases	Analytical I	Method: RSK-1	75 Preparation N	Method: RS	K-175			3007
	Pace Analy	tical Services	Melville					
Methane, Dissolved	267	J · ug/L	2	15 215	09/28/22 13:02	09/29/22 12:1	2 74-82-8	ø
6010 MET ICP	Analytical t	Method: EDA 8	10C Preparation	Mathed C	DA 00054			2
IROGETUTA BELI	Pace Analy	tical Services	Melville	i Method; E	:PA 3005A			
ron:	11600	ug/L	1	00 1	09/28/22 07:08	09/28/22 21:3	7439-89-6	
8270E MSSV PAH by SIM	Analytical M	Method: EPA 83	270E SIM Prepar	stion Math				
48		tical Services -		augn weur	0d. EPA 3510C			
Acenaphthene	16.4	J ug/L	0.	10 5	09/23/22 12:32	09/28/22 17:2	83,32.0	
Acenaphthylene	0.26	Control of the second	0.0	2.750		09/27/22 20:14		
Anthracene	0.15	ug/L	0.0	20 1		09/27/22 20:14		
Berizo(a)anthracene	0.084	ug/L	0.0	0000 17		09/27/22 20:14		
Benzo(a)pyrene	0.11	ug/L	0.0	20 1		09/27/22 20:14		
Benzo(b)fluoranthene	0.13	ug/L	0.0	20 1		09/27/22 20:14		
Benzo(g,h,i)perylene	0.11	10.000	0.0	2000 LD		09/27/22 20:14		
Benzo(k)fluoranthene	0.055	1. POST 6176	0.0	300		09/27/22 20:14		
Chrysene	0.12	ug/L	0.03	20 1		09/27/22 20:14		
Dibenz(a,h)anthracene	0.020		0.03	7000		09/27/22 20:14		
Fluoranthene	0.39	0.000	0.0			09/27/22 20:14		
luorene	1.9	1.6	0.00			09/27/22 20:14		
ndeno(1,2,3-cd)pyrene	0.075	ug/L	0.03	20 1		09/27/22 20:14		
Naphthalene	0.11	2725011	0.00	2704 170		09/27/22 20:14		
Phenanthrene	0.80	10.00	0.02	15-21 10.		09/27/22 20:14	The second second	
Pyrene	0.60		0.03			09/27/22 20:14		
Surrogates		-		100	DOILDIER TEIGE	USIZITZZ ZU. I	123-00-0	
Juoranthene-d10 (S)	61	%	40-1	12 1	09/23/22 12:32	09/27/22 20:14	93951-69-0	
-Methylnaphthalene-d10 (S)	38	%	44-14	16 1		09/27/22 20:14		S0,S8
260C Volatile Organics	Analytical M	Method: EPA 82	60C/5030C					
	Pace Analy	tical Services -	Melville					
Benzene	<1.0	ug/L	17 19	.0 1		09/22/22 01:46	71.42.2	
Ethylbenzene	<1.0	-2		.0 1		09/22/22 01:46	2 C 1 C 1 C 1 C 1 C 1 C 2 C 2 C 2 C 2 C	
Toluene	<1.0			0 1		09/22/22 01:46		
(Yene (Total)	<3.0			0 1				
Surrogates		A.D.				09/22/22 01:46	1330-20-7	
,2-Dichloroethane-d4 (S)	91	%	81-12	2 1		09/22/22 01:46	17060 07 0	
-Bromofluorobenzene (S)	98	%	79-11			09/22/22 01:46		
foluene-d8 (S)	92	%	82-12	100		09/22/22 01:46		
320B Alkalinity	Analytical M	fethod; SM22 2	320B					
	Pace Analy	tical Services -	Melville					
Alkalinity, Total as CaCO3	668	mg/L	31	0 1		09/22/22 12 11		
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0.04			were the same of t		

REPORT OF LABORATORY ANALYSIS

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Project:

NYSEG-ITHICA COURT STREET PROJ

Pace Project No.:

70230003

Sample: MW-C16	Lab ID:	70230003001	Collected:	09/19/22	11:00	Received: (09/20/22 10:30	Matrix: Water	
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qua
00.0 IC Anions 28 Days	42	Method; EPA 30 tical Services -					W.	**	
Sulfate	774	mg/L		100	20		10/01/22 16:1	7 14808-79-8	
53.2 Nitrogen, NO2/NO3 unpres	100	Method: EPA 35 tical Services -							
litrate as N litrate-Nitrite (as N)	<0.050 <0.050	9		0.050 0.050	1		09/20/22 22:2: 09/20/22 22:2:		
53.2 Nitrogen, NO2		Method: EPA 35 tical Services -							
litrite as N	< 0.050	mg/L		0.050	1		09/20/22 21:0	3 14797-65-0	
500 Ammonia Water	10000	Method: SM22 4 tical Services -						to mandaneseas	
litrogen, Ammonia	0.73	mg/L		0.10	1		09/22/22 13:16	7664-41-7	
014 Cyanide, Total		fethod: EPA 90 tical Services -		nide Prej	paration	n Method: EPA	9010C		
yanide	<10.0	ug/L		10.0	1	09/22/22 14:5	5 09/22/22 19:28	57-12-5	

REPORT OF LABORATORY ANALYSIS

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Project:

NYSEG-ITHICA COURT STREET PROJ

Pace Project No.:

70230003

Sample: MW-13S	Lab ID:	70230003002	Collected:	09/19/2	22 11:00	Received: 0	9/20/22 10:30	Matrix: Water	
Parameters	Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases	Analytical	Method: RSK-1	75 Preparat	ion Meth	od: RSK	C-175	84	Het .	
		ytical Services -							
Methane, Dissolved	38	1 J · ug/L		215	215	09/28/22 13:02	09/29/22 12:2	74-82-8	В
6010 MET ICP	Analytical	Method: EPA 60	110C Prepar	ation Ma	ethod: Fi	PA 3005A			
		ytical Services -		202000	ROTAL COL				
Iron	380	ug/L		100	1	09/28/22 07:08	09/28/22 21:3	3 7439-89-6	
8270E MSSV PAH by SIM	Analytical	Method: EPA 82	270E SIM Pr	eparatio	n Metho	d: EPA 3510C			
TO SERVICE THE SERVICE AND		ytical Services -				201001270101000			
Acenaphthene	< 0.020	ug/L		0.020	- 1	09/23/22 12:32	09/27/22 20:44	83-32-9	
Acenaphthylene	< 0.020			0.020	1		09/27/22 20:44		
Anthracene	< 0.020	10.0		0.020	1		09/27/22 20:44	NAMES OF TAXABLE	
Benzo(a)anthracene	< 0.020	170		0.020	1		09/27/22 20:44		
Benzo(a)pyrene	< 0.020	17.5 00.7500.TE		0.020	1		09/27/22 20:44		
Benzo(b)fluoranthene	< 0.020			0.020	4		09/27/22 20:44		
Benzo(g,h,i)perylene	< 0.020	10 miles		0.020	3	STATE OF THE RESIDENCE	09/27/22 20:44		
Benzo(k)fluoranthene	<0.020	11.5		0.020	- 1		09/27/22 20:44	100000000000000000000000000000000000000	
Chrysene	<0.020	143		0.020			09/27/22 20:44		
Dibenz(a,h)anthracene	<0.020			0.020	4		09/27/22 20:44	STATE OF THE PARTY	
Fluoranthene	<0.020			0.020	1		09/27/22 20:44	ALCOHOLD CONTROL	
Fluorene	<0.020	40.00		0.020	4		09/27/22 20:44		
indeno(1,2,3-cd)pyrene	<0.020	9.7		0.020	4		09/27/22 20:44	The Table of Control	
Naphthalene	<0.020	12 ST 57 ST		0.020	1		09/27/22 20:44		
Phenanthrene	<0.020			0.020	1		09/27/22 20:44		
Pyrene	<0.020	50		0.020	1	그 전하다 되었습니다고니 사이라였다	09/27/22 20:44	1.00 POPE (100 b) 100 (0	
Surrogates	-0.020	ugic		0.020		UBIZOIZZ 12.32	USIZ1122 20:44	129-00-0	
Fluoranthene-d10 (S)	67	7 %	9	40-112	1	09/23/22 12:32	09/27/22 20:44	03051.60.0	
2-Methylnaphthalene-d10 (S)	44			44-146	1		09/27/22 20:44		
8260C Volatile Organics	Analytical I	Method: EPA 82	60C/5030C						
275	Pace Analy	tical Services -	Melville						
Benzene	2.0	ug/L		1.0	9		09/22/22 02:05	71-43-2	
Ethylbenzene	1.8	g ug/L		1.0	1		09/22/22 02:05	100-41-4	
Toluene	<1.0	ug/L		1.0	1		09/22/22 02:05	108-88-3	
Xylene (Total)	<3.0	ug/L		3.0	1		09/22/22 02:05	1330-20-7	
Surrogates		7.0					Section and		
1,2-Dichloroethane-d4 (S)	91	1 %	- 3	B1-122	1		09/22/22 02:05	17060-07-0	
4-Bramafluarobenzene (S)	96	5 %	9	79-118	1		09/22/22 02:05	460-00-4	
Toluene-d8 (S)	92	2 %	9	B2-122	1		09/22/22 02:05	2037-26-5	
2320B Alkalinity	Analytical I	Method: SM22	2320B						
	COST 811 - VIVI 1040	rtical Services -							
		mg/L		1.0	1		09/22/22 12:28		

REPORT OF LABORATORY ANALYSIS

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Project:

NYSEG-ITHICA COURT STREET PROJ

Pace Project No.:

70230003

Sample: MW-13S	Lab ID: 7	0230003002	Collected: (09/19/22	11:00	Received: (09/20/22 10:30	Matrix: Water	
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qua
300.0 IC Anions 28 Days	Analytical M	Method: EPA 30	0.00		- X				
	Pace Analyt	tical Services -	Melville						
Sulfate	34.6	mg/L		5.0	1		10/01/22 17:1	1 14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical M	lethod: EPA 35	53.2						
Nitrate as N Nitrate-Nitrite (as N)	Pace Analyt	o 29 mg/L	Melville 네네나	0.050 0.050	1		09/20/22 22:2 09/20/22 22:2	72 MINISTER OF THE PROPERTY OF	
353.2 Nitrogen, NO2		lethod: EPA 35							
Nitrite as N	<0.050	mg/L	(0.050	4 =		09/20/22 21:0	4 14797-65-0	
4500 Ammonia Water		lethod: SM22 -							
Nitrogen, Ammonia	0.22	mg/L		0.10	1		09/22/22 13:17	7 7664-41-7	
9014 Cyanide, Total		ethod: EPA 90 ical Services -		ide Prej	paration	Method: EPA	9010C		
Cyanide	<10.0	ug/L		10.0	1	09/22/22 14:5	5 09/22/22 19:29	9 57-12-5	
Cyanide			Melville	10.0	1	09/22/22 14:5	5 09/22/22 19:29	9 57-12-5	

REPORT OF LABORATORY ANALYSIS



Project.

NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Sample: MW-24S	Lab ID:	70230003003	Collected:	09/20/2	2 07:55	Received: 0	9/21/22 10:00	Matrix: Water	
Parameters	Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases	Analytical I	Method: RSK-1	75 Preparat	ion Meth	od: RSK	-175		700	
		tical Services -							
Methane, Dissolved	434	J ug/L		86.0	86	09/28/22 13:02	2 09/29/22 12:3	7 74-82-8	É
6010 MET ICP	Analytical I	Method: EPA 60	110C Prener	ration Me	thod: Et	20.2005.0			
		tical Services -		about Nic	relog. Er	ASUUSA			
Iron	1060	ug/L		100	:1	09/28/22 07:08	09/28/22 21:48	8 7439-89-6	
8270E MSSV PAH by SIM	Analytical I	Method: EPA 82	70E SIM Pr	reparatio	n Metho	d: EPA 3510C			
914.706-1230.000000.0001.0041.00 4 .07210011		tical Services -		S. P. S. S. S.	T THOUSE	a. L. / 100 100			
Acenaphthene	< 0.019	ug/L		0.019	1	09/26/22 12:38	3 09/26/22 22:38	83-32-9	
Acenaphthylene	< 0.019	- 29		0.019	1	09/26/22 12:38			
Anthracene	< 0.019			0.019	1	09/26/22 12:38			
Benzo(a)anthracene	< 0.019	S. S		0.019	1		3 09/26/22 22:38	2 - 0 Employed 11	
Benzo(a)pyrene	< 0.019	N 0-3803-3		0.019	1	09/26/22 12:38			
Benzo(b)fluoranthene	< 0.019			0.019	1	09/26/22 12:38		THE PROPERTY OF THE PARTY OF TH	
Benzo(g,h,i)perylene	< 0.019			0.019	4	09/26/22 12:38			
Benzo(k)fluoranthene	<0.019			0.019	4	09/26/22 12:36			
Chrysene	< 0.019	2 27.85.77		0.019	-	09/26/22 12:38			
Dibenz(a,h)anthracene	< 0.019			0.019	1	09/26/22 12:38			
Fluoranthene	0.020			0.019	4	09/26/22 12:38			
Fluorene	< 0.019	- 49		0.019	1	CONTRACTOR OF THE PARTY OF THE	09/26/22 22:38		
Indeno(1,2,3-cd)pyrene	<0.019	2 10,900		0.019	1	09/26/22 12:38			
Naphthalene	< 0.019			0.019	4		3 09/26/22 22:38		
Phenanthrene	< 0.019	7		0.019		09/26/22 12:38			
Pyrene	0.021	7.70		0.019	4	09/26/22 12:38			
Surrogates	0.021	ugit		0.019	4	09/26/22 12:36	3 09/26/22 22:38	3 129-00-0	
Fluoranthene-d10 (S)	79	96		40-112	19	09/26/22 12:38	09/26/22 22:38	93951-69-0	
2-Methylnaphthalene-d10 (S)	49	0.7		44-146	1	09/26/22 12:38			
programme to 10%	STANDARD NOW			44.140	114	03/20/22 12.00	03/20/22 22.30	1231-43-2	
8260C Volatile Organics		Method: EPA 82							
	Pace Analy	tical Services -	Melville						
Benzene	<1.0	ug/L		1.0	3		09/28/22 09:54	71-43-2	
Ethylbenzene	<1.0	- AP.		1.0	1		09/28/22 09:54	ALL STREET, ST	
Toluene	<1.0	- A		1.0	1		09/28/22 09:54		
Xylene (Total)	<3.0	- 0 -		3.0	3		09/28/22 09:54		
Surrogates	3.0			200			JOIZUZZ UB.34	1990-20-7	
1,2-Dichloroethane-d4 (S)	114	%	8	81-122	1		09/28/22 09:54	17060-07-0	
4-Bromofluorobenzene (S)	95			79-118	1		09/28/22 09:54		
Toluene-d8 (S)	96	100		82-122	1		09/28/22 09:54		
2320B Alkalinity	Analytical N	Method: SM22 2	2320B						
MENT CHANGE GOLD AND EDIT OF THE VI		tical Services -							

REPORT OF LABORATORY ANALYSIS

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Project:

NYSEG-ITHICA COURT STREET PROJ

Pace Project No.:

70230003

Sample: MW-24S	Lab ID:	70230003003	Collected:	09/20/2	2 07:55	Received: (09/21/22 10:00	Matrix: Water	
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Method: EPA 3 ytical Services							
Sulfate	23.3	3 mg/L		5.0	1		09/28/22 21:5	1 14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	-	Method: EPA 3 ytical Services	CE ENGLANDED	3					
Nitrate as N	0.099	9 0.10 mg/L	dem 4/3/2	0.050	1		09/22/22 07:4	2 14797-55-8	
Nitrate-Nitrite (as N)	0.10	100		0.050	1		09/22/22 07:4	2 7727-37-9	
353.2 Nitrogen, NO2	305005555 POLITE	Method: EPA 3 ytical Services							
Nitrite as N	< 0.05	0 mg/L		0.050	1		09/22/22 04:0	7 14797-65-0	
4500 Ammonia Water		Method: SM22 ytical Services							
Nitrogen, Ammonia	0.2	B mg/L		0.10	1		09/26/22 13:4	3 7664-41-7	
9014 Cyanide, Total	107000000000000000000000000000000000000	Method: EPA 9 ytical Services		inide Pr	eparatio	n Method: EPA	A 9010C		
Cyanide	<10.	0 ug/L		10.0	1	10/03/22 18:1	0 10/03/22 19:5	4 57-12-5	

REPORT OF LABORATORY ANALYSIS



Project:

NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Sample: MW-C11	Lab ID:	70230003004	Collected:	09/20/	22 08:30	Received: 09	9/21/22 10:00	Matrix: Water	
Parameters	Results	Units	Repor	rt Limit	DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases	Analytical	Method: RSK-	75 Preparat	ion Meth	nod: RSK	-175	30		
	Pace Anal	ytical Services	- Melville						
Methane, Dissolved	26	4 J . ug/L		86.0	86	09/28/22 13:02	09/29/22 12:50	6 74-82-8	B
6010 MET ICP	Analytical	Method: EPA 6	010C Prepar	ration M	ethod: El	PA 3005A			
		ytical Services							
Iran	204	0 ug/L		100	1	09/28/22 07:08	09/28/22 21:5	1 7439-89-6	
8270E MSSV PAH by SIM	Analytical	Method: EPA 8	270F SIM P	renaratio	n Metho	H- EPA 3510C			
		ytical Services		- Puruli		u. Li ri 50 100			
Acenaphthene	0.5	9 ug/L		0.021	140	09/23/22 12:32	09/27/22 23:10	6 83-32-9	
Acenaphthylene	0.1	Control of the contro		0.021	1	09/23/22 12:32	a DDEDGERS DESCRIPTION		R
Anthracene	<0.02			0.021	1	09/23/22 12:32			RI
Benzo(a)anthracene	< 0.02	100000000000000000000000000000000000000		0.021	1	09/23/22 12:32		S. STORY STORY	R1
Benzo(a)pyrene	11/2/07/201	1 J. ug/L		0.021	1	09/23/22 12:32	The state of the s		R1
Benzo(b)fluoranthene	0.02			0.021	-1	09/23/22 12:32		7 1300-100	T
Benzo(g,h,i)perylene	0.02			0.021	1	09/23/22 12:32			
Benzo(k)fluoranthene	0.02	100		0.021	1	09/23/22 12:32			
Chrysene	<0.02	0.0000000000000000000000000000000000000		0.021	1	09/23/22 12:32			
Dibenz(a,h)anthracene	0.02	00000000		0.021	1	09/23/22 12:32		TO THE PROPERTY OF THE PARTY OF	
Fluoranthene	3000	7 J ug/L		0.021	1	09/23/22 12:32		Charles (Harrist	de
Fluorene	0.02	A STATE OF THE STA		0.021	1				R1
Indeno(1,2,3-cd)pyrene	0.02			0.021		09/23/22 12:32		The state of the s	Hea
Naphthalene	<0.02	100		0.021	4	09/23/22 12:32 09/23/22 12:32		0 407 000 5250	-
Phenanthrene	<0.02			0.021	1	09/23/22 12:32	THE RESERVE OF THE PARTY OF THE		71
Pyrene	0.04			0.021	1				R1
Surrogates	0.04	a ug/L		0.021	-10	09/23/22 12:32	09/2//22 23:10	6 129-00-0	
Fluoranthene-d10 (S)	7:	2 %		40-112	1	09/23/22 12:32	09/27/22 23:10	6 93951-69-0	
2-Methylnaphthalene-d10 (S)	5			44-146	4	09/23/22 12:32			
8260C Volatile Organics	Analytical	Method: EPA 8				00.20.22 12.02		0 1201 102	
state volume organica		ytical Services							
Benzene	<1.0	ug/L		1.0	1		09/28/22 10:4	7 71-43-2	
Ethylberizene	<1.0	The state of the s		1.0	4		09/28/22 10:4		
Toluene		UJ · ug/L		1.0	1		09/28/22 10:4		M1
Xylene (Total)	<3.0	The second secon		3.0	4		09/28/22 10:4		140-1
Surrogates	33,1	ugit		95.0			OSIZOFZZ 10.4	1330-20-7	
1,2-Dichloroethane-d4 (S)	89	9 %		81-122	818		09/28/22 10:4	7 17060-07-0	
4-Bromofluorobenzene (S)	106			79-118	1		09/28/22 10:4		
Toluene-d8 (S)	90			82-122	1		09/28/22 10:4		
2320B Alkalinity	Analytical	Method: SM22	2320B						
voronane alli illotti ila		ytical Services							
Alkalinity, Total as CaCO3	330	mg/L		1.0	540		09/26/22 12:4	7	M1
							- H - H H H H H H H H	7	144.4

REPORT OF LABORATORY ANALYSIS





Project:

NYSEG-ITHICA COURT STREET PROJ

Pace Project No.:

70230003

Sample: MW-C11	Lab ID:	70230003004	Collected:	09/20/2	22 08:30	Received:	09/21/22 10:00	Matrix: Water	
Parameters	Results	Units	Report	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Method: EPA 30 ytical Services -							-
Sulfate	67.2	2 mg/L		5.0	1		09/28/22 22:0	5 14808-79-8	M1
353.2 Nitrogen, NO2/NO3 unpres		Method: EPA 35 ytical Services -							2002
Nitrate as N Nitrate-Nitrite (as N)	<0.050 <0.050	177911		0.050 0.050	1		09/22/22 07:00		
353.2 Nitrogen, NO2		Method: EPA 35 /tical Services -						With the property of	
Nitrite as N	< 0.050	mg/L		0.050	1		09/22/22 04:20	14797-65-0	
4500 Ammonia Water		Method: SM22 4 rtical Services -					NO NACOS ACTORDA	ALL PATOLOGIC CHEST SECT	
Nitrogen, Ammonia	0.43	mg/L		0.10	1		09/26/22 13:44	7664-41-7	
9014 Cyanide, Total	Analytical Mace Analy	Method: EPA 90 rtical Services -	14 Total Cyar Melville	nide Pr	eparation	Method: EPA			
Cyanide	10.2	ug/L		10.0	1	10/03/22 18:10	10/03/22 19:54	57-12-5	

REPORT OF LABORATORY ANALYSIS



Project:

NYSEG-ITHICA COURT STREET PROJ

Pace Project No.:

Date: 12/09/2022 01:59 PM

70230003

Sample: MW-C12	Lab ID: 702	30003005	Collected: 09/20/2	2 09:30	Received: 09	9/21/22 10:00	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases	Analytical Met	nod: RSK-17	5 Preparation Meth	od: RSk	(-175			
	Pace Analytica	Services - I	Melville					
Methane, Dissolved	680	ug/L	86.0	86	09/28/22 13:02	09/29/22 13:18	74-82-8	
6010 MET ICP	Analytical Met	nod: EPA 601	10C Preparation Me	ethod: E	PA 3005A			
	Pace Analytica		SEES STEEL FOR FOREST AND SERVICES AND SERVI		MUNICIPALITY OF THE PROPERTY O			
Iron	1470	ug/L	100	11	09/28/22 07:08	09/28/22 22:05	7439-89-6	
8270E MSSV PAH by SIM	Analytical Meth	nod: EPA 827	70E SIM Preparatio	n Metho	H EPA 35100			
52.13 T. 11 F. T. 12 T.	Pace Analytica			i wedio	U. E.A 33100			
Acenaphthene	76.1	ug/L	0.42	20	09/23/22 12:32	09/28/22 17:50	83-32-9	
Acenaphthylene	0.70	ug/L	0.021	1		09/28/22 18:51		
Anthracene	0.060	ug/L	0.021	1		09/28/22 18:51	THE STATE OF THE S	
Benzo(a)anthracene	0.025	ug/L	0.021	1		09/28/22 18:51	C. C	
Benzo(a)pyrene	0.021	ug/L	0.021	1		09/28/22 18:51		
Benzo(b)fluoranthene	0.024	ug/L	0.021	4		09/28/22 18:51		
Benzo(g,h,i)perylene	0.025	ug/L	0.021	4		09/28/22 18:51	A STABLE OF THE STATE OF	
Benzo(k)fluoranthene	< 0.021	ug/L	0.021	4		09/28/22 18:51	Section of the sectio	
Chrysene	0.024	ug/L	0.021	1		09/28/22 18:51		
Dibenz(a,h)anthracene	0.021	ug/L	0.021	4				
Fluoranthene	0.037	ug/L	0.021	4	LUCKS WAS ALVOYS BURNING	09/28/22 18:51		
Fluorene	9.4	ug/L	0.42	20		09/28/22 18:51	LUBERTON CONTRACTOR	
Indeno(1,2,3-cd)pyrene	0.023	ug/L	0.021	1		09/28/22 17:50	Control of the Contro	
Naphthalene	0.048	ug/L	0.021	1		09/28/22 18:51		
Phenanthrene	0.30	100000000000000000000000000000000000000	2535.74.14	1		09/28/22 18:51		
Pyrene	0.042	ug/L	0.021	11.7		09/28/22 18:51		
Surrogates	0.042	ug/L	0.021	1	09/23/22 12:32	09/28/22 18:51	129-00-0	
Fluoranthene-d10 (S)	73	%	40-112	1	00000000 40 00			
2-Methylnaphthalene-d10 (S)	54	%	44-146	1		09/28/22 18:51		
	75/4			34	UBIZ3IZZ 1Z,3Z	09/20/22 18:01	7297-45-2	
8260C Volatile Organics	Analytical Meth							
	Pace Analytica	Services - M	/leiville					
Benzene	1.5	ug/L	1.0	1		09/28/22 11:06	74.42.9	
Ethylbenzene	<1.0	ug/L	1.0	1		09/28/22 11:06		
Toluene	<1.0	ug/L	1.0	1		09/28/22 11:06		
Kylene (Total)	<3.0	ug/L	3.0	4		09/28/22 11:06		
Surrogates		o'dir	3.0	95		USIZOIZZ 11:06	1330-20-7	
1,2-Dichloroethane-d4 (S)	116	96	81-122	1		09/28/22 11:06	17060-07-0	
4-Bromofluorobenzene (S)	97	%	79-118	4		09/28/22 11:06	Co. DOCK TO THE DESIGNATION	
Toluene-d8 (S)	94	%	82-122	1		09/28/22 11:06	Print the second	
2320B Alkalinity	Analytical Meth	od: SM22 23	20B				DEL MESSONILLA PROPERTIES	
nonement delication in actual	Pace Analytica							
Alkalinity, Total as CaCO3	111 840			12				
Andminty, Total as CaCO3	564	mg/L	1.0	1		09/26/22 13:57		

REPORT OF LABORATORY ANALYSIS



Project.

NYSEG-ITHICA COURT STREET PROJ

Pace Project No.:

70230003

Sample: MW-C12	Lab ID: 7	70230003005	Collected:	09/20/2	2 09:30	Received:	09/21/22 10:00	Matrix: Water	
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qua
300.0 IC Anions 28 Days		fethod: EPA 30							
Sulfate	91.7		MIGIVING	5.0	1		09/28/22 22:4	6 14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres		Method: EPA 35 tical Services -							
Nitrate as N Nitrate-Nitrite (as N)	<0.050 <0.050	mg/L mg/L		0.050 0.050	1		09/22/22 07:1: 09/22/22 07:1:	3 14797-55-8 3 7727-37-9	
353,2 Nitrogen, NO2	PROBLEM STATES	Method: EPA 35 tical Services -							
Nitrite as N	<0.050	mg/L		0.050	1		09/22/22 04:0	3 14797-65-0	
4500 Ammonia Water		fethod: SM22 dical Services -							
Nitrogen, Ammonia	2.6	mg/L		0.10	1		09/26/22 13:46	3 7664-41-7	
9014 Cyanide, Total		lethod: EPA 90 lical Services -		nide Pri	eparation	Method: EPA	9010C		
Cyanide	<10.0	ug/L		10.0	1	10/03/22 18:1	0 10/03/22 19:57	57-12-5	

REPORT OF LABORATORY ANALYSIS



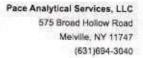
Project:

NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Sample: DUP	Lab ID: 702	30003006	Collected: 09/20/2	2 09:3	0 Received: 0	9/21/22 10:00	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	(
RSK 175 Dissolved Gases	Analytical Met	hod: RSK-17	5 Preparation Meth	od; RS	K-175		-	
	Pace Analytics	al Services - I	Melville					
Methane, Dissolved	852	ug/L	86.0	86	09/28/22 13:02	09/29/22 13:35	74-82-8	
6010 MET ICP	Analytical Met	hod: EPA 601	OC Preparation Me	thod: I		200000000000000000000000000000000000000	to and	
	Pace Analytica	Services - 1	Melville	miou, t	PA SUUDA			
ron	1520	ug/L	100	1	09/28/22 07:08	09/28/22 22:08	7439-89-8	
8270E MSSV PAH by SIM	Analytical Meti	nod: EPA 827	OE SIM Preparation	n Moth			00 00 0	
	Pace Analytica	Services - N	Melville	n ween	00: EPA 3510G			
Acenaphthene	78.9	ug/L	0.41	20	00/22/22 12:22	09/28/22 18:20	22.22.6	
Acenaphthylene	0.75	ug/L	0.020	1		09/28/22 18:20		
Anthracene	0.052	ug/L	0.020	1				
Benzo(a)anthracene	<0.020	ug/L	0.020	1		09/28/22 19:21		
Benzo(a)pyrene	<0.020	ug/L	0.020	1		09/28/22 19:21		
Benzo(b)fluoranthene	<0.020	ug/L	0.020	1		09/28/22 19:21		
Benzo(g.h.i)perylene	<0.020	ug/L	0.020	1		09/28/22 19:21		
Benzo(k)fluoranthene	<0.020	ug/L	PER CONTROL OF THE PER CONTROL O	4		09/28/22 19:21		
Chrysene	<0.020	0.0000000000000000000000000000000000000	0.020	127		09/28/22 19:21		
Dibenz(a,h)anthracene	<0.020	ug/L	0.020	1		09/28/22 19:21		
luoranthene	0.021	ug/L	0.020	1		09/28/22 19:21	53-70-3	
luorene	9.8	ug/L	0.020	1		09/28/22 19:21	206-44-0	
ndeno(1,2,3-cd)pyrene		ug/L	0.41	20		09/28/22 18:20		
laphthalene	<0.020	ug/L	0.020	1		09/28/22 19:21		
Phenanthrene	0.051	ug/L	0.020	1		09/28/22 19:21		
Vrene	0.35	ug/L	0.020	1		09/28/22 19:21	85-01-8	
Surrogates	0.024	ug/L	0.020	1	09/23/22 12:32	09/28/22 19:21	129-00-0	
luoranthene-d10 (S)	200	0.000	Vegetalion					
-Methylnaphthalene-d10 (S)	71	%	40-112	1	09/23/22 12:32	09/28/22 19:21	93951-69-0	
	55	%	44-146	1	09/23/22 12:32	09/28/22 19:21	7297-45-2	
260C Volatile Organics	Analytical Meth							
	Pace Analytical	Services - M	felville					
enzene	2.4	ug/L	1.0	1		09/28/22 11:25	71.43.9	
thylbenzene	<1.0	ug/L	1.0	- 1		09/28/22 11:25	Contract Contract	
oluene	<1.0	ug/L	1.0	1			108-88-3	
ylene (Total)	<3.0	ug/L	3.0	1		09/28/22 11:25		
urrogates			1126			JULUIZE 11.23	1330-20-7	
,2-Dichloroethane-d4 (S)	111	%	81-122	1		09/28/22 11:25	17060-07-0	
-Bromofluorobenzene (S)	98	%	79-118	1		이번 살았다면서 사람이 많아 내가 있는데 없다.	460-00-4	
oluene-d8 (S)	94	%	82-122	1		09/28/22 11:25	ALL RECORD IN THE PARTY OF THE	
320B Alkalinity	Analytical Meth	od: SM22 23	20B				RESTRICTION OF	
and the man and a Countries of the	Pace Analytical							
ikalinity, Total as CaCO3	529	mg/L						

REPORT OF LABORATORY ANALYSIS





Project:

NYSEG-ITHICA COURT STREET PROJ

Pace Project No.:

Date: 12/09/2022 01:59 PM

70230003

Parameters Results Units Report Limit DF Prepared Analyzed CAS No.	Sample: DUP	Lab ID: 70	0230003006	Collected: 09/20/	22 09:30	Received: 0	9/21/22 10:00	Matrix: Water	
Pace Analytical Services - Melville Sulfate 83.3 mg/L 5.0 1 09/28/22 22:59 14808-79-8 353.2 Nitrogen, NO2/NO3 unpres Analytical Method: EPA 353.2 Pace Analytical Services - Melville	Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres Analytical Method: EPA 353.2 Pace Analytical Services - Melville Nitrate as N Nitrate-Nitrite (as N) Analytical Method: EPA 353.2 Pace Analytical Method: EPA 353.2 Pace Analytical Method: EPA 353.2 Pace Analytical Services - Melville Nitrite as N Analytical Method: EPA 353.2 Pace Analytical Services - Melville Nitrite as N Analytical Method: SM22 4500 NH3 H Pace Analytical Services - Melville Nitrogen, Ammonia 2.2 mg/L Analytical Method: EPA 9014 Total Cyanide Preparation Method: EPA 9010C Pace Analytical Services - Melville	300.0 IC Anions 28 Days						- 10		
Analytical Method: EPA 353.2 Pace Analytical Services - Melville Nitrate as N	Sulfate	83.3	mg/L	5.0	1		09/28/22 22:59	9 14808-79-8	
Nitrate as N	353.2 Nitrogen, NO2/NO3 unpres								
Pace Analytical Services - Melville	A) (2 1992 (5 4 7 10) (10)	<0.050	mg/L	0.050	1		PARTICIPATION OF THE PARTY	11101 00.0	
4500 Ammonia Water Analytical Method: SM22 4500 NH3 H Pace Analytical Services - Melville Nitrogen, Ammonia 2.2 mg/L 0.10 1 09/26/22 13:52 7664-41-7 Analytical Method: EPA 9014 Total Cyanide Preparation Method: EPA 9010C Pace Analytical Services - Melville	353.2 Nitrogen, NO2								
Pace Analytical Services - Melville Nitrogen, Ammonia 2.2 mg/L 0.10 1 09/26/22 13:52 7664-41-7 Pace Analytical Method; EPA 9014 Total Cyanide Preparation Method: EPA 9010C Pace Analytical Services - Melville	Nitrite as N	<0.050	mg/L	0.050	1		09/22/22 04:10	14797-65-0	
Analytical Method: EPA 9014 Total Cyanide Preparation Method: EPA 9010C Pace Analytical Services - Melville	4500 Ammonia Water	The state of the s		Carried and the same of the sa			AL YECOTHERMAN SALES		
Pace Analytical Services - Melville	Nitrogen, Ammonia	2.2	mg/L	0.10	1		09/26/22 13:52	7664-41-7	
	9014 Cyanide, Total				eparation	Method: EPA 9			
11.8 ug/L 10.0 1 10/03/22 18:10 10/03/22 19:58 57-12-5	Cyanide	11.8	ug/L	10.0	1	10/03/22 18:10	10/03/22 19:58	57-12-5	



Project:

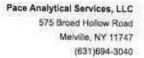
NYSEG-ITHICA COURT STREET PROJ

Pace Project No.:

70230003

Sample: MW-45S	Lab ID:	70230003007	Collected: 09	/20/22 1	11:45	Received: 0	9/21/22 10:00	Matrix: Water	
Parameters	Results	Units	Report Li	mit E	OF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases	Analytical N	Method: RSK-1	75 Preparation	Method	RSK	-175			
	Pace Analy	tical Services -	Melville						
Methane, Dissolved	1630			6.0 8	86	09/28/22 13:02	09/29/22 13:4	5 74-82-8	
6010 MET ICP	Analytical N	Method: EPA 60	010C Preparatio	es Martha	ad Er		i izamonati beas	477.45.00	
		tical Services -		n went	JU. Er	A 3005A			
Iron	17300	ug/L		100	1	09/28/22 07:08	09/28/22 22:1	7 7439-89-6	
8270E MSSV PAH by SIM	Analytical N	Method: EPA 82	70E SIM Prepa	ration M	Aethor	+ EPA 3510C			
PERSONAL SECURITION AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSO		tical Services -				a. LI 11 35 100			
Acenaphthene	<0.020	ug/L	0.0	020	1 3	09/26/22 12:38	09/26/22 23:09	93.32.0	
Acenaphthylene	< 0.020			141/2011	1		09/26/22 23:01		
Anthracene	< 0.020	71	0.00	0.00	1		09/26/22 23:09		
Benzo(a)anthracene	< 0.020		(2.3)	559710	1		09/26/22 23:09		
Benzo(a)pyrene	<0.020	D (4500,000)	47574	E-27-100	1		09/26/22 23:09		
Benzo(b)fluoranthene	< 0.020	0.00	6505		1		09/26/22 23:09		
Benzo(g,h,i)perylene	< 0.020			99.7.11	1		09/26/22 23:09		
Benzo(k)fluoranthene	<0.020	12 A CONT.	1003	ADDITION OF	1		09/26/22 23:09		
Chrysene	<0.020	1.00			1		09/26/22 23:09		
Dibenz(a,h)anthracene	<0.020			10000	7				
luoranthene	<0.020	- 2			D. 1		09/26/22 23:09		
Fluorene	<0.020			100	(A)		09/26/22 23:09		
ndeno(1,2,3-cd)pyrene	<0.020	7.0	-	MAKEN TO STATE OF THE PARTY OF	1		09/26/22 23:09		
Naphthalene	0.040	(I)			N n		09/26/22 23:09		
Phenanthrene	<0.020		(3)55	1878 F			09/26/22 23:09		
Pyrene	<0.020	-		10000	7		09/26/22 23:09		
Surrogates	-0.020	ugru	0.0	120	1	09/26/22 12:38	09/26/22 23:09	129-00-0	
Fluoranthene-d10 (S)	68	%	40-	110	1	09/26/22 12:38	09/26/22 23:09	93951-69-0	
2-Methylnaphthalene-d10 (S)	44		44-1	4.55	D 1		09/26/22 23:09		
3260C Volatile Organics	Analytical N	fethod; EPA 82	60C/5030C						
		tical Services -							
3enzene	<1.0	ug/L	8	1.0	1		09/28/22 11:44	71-43-2	
Ethylbenzene	<1.0	ug/L			1		09/28/22 11:44		
Toluene	<1.0	ug/L		250403	t i		09/28/22 11:44		
Kylene (Total)	<3.0	ug/L			1		09/28/22 11:44		
Surrogates	A 000 CE.	73.7					COLEGIZZ I LA	1000-20-7	
1,2-Dichloroethane-d4 (S)	114	%	81-1	22	1		09/28/22 11:44	17060-07-0	
4-Bramofluorobenzene (S)	94	%	79-1		1		09/28/22 11:44		
Toluene-d8 (S)	93	%	82-1	95-12	1		09/28/22 11:44		
2320B Alkalinity	Analytical N	lethod: SM22 2	2320B						
	Pace Analyt	tical Services -	Melville						
Alkalinity, Total as CaCO3	390	mg/L	5	1.0	1		09/26/22 14:37	2 9	
	556	11.531.7		100	1		USIZOIZZ 14,37		

REPORT OF LABORATORY ANALYSIS





Project:

NYSEG-ITHICA COURT STREET PROJ

Pace Project No.:

70230003

Sample: MW-45S	Lab ID:	70230003007	Collected: 0	9/20/2	2 11:45	Received:	09/21/22 10:00	Matrix: Water	
Parameters	Results	Units	Report L	imit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Method: EPA 30 tical Services -							
Sulfate	<5.0	mg/L		5.0	1		09/28/22 23:5	14808-79-8	В
353.2 Nitrogen, NO2/NO3 unpres		Method: EPA 35 tical Services -							
Nitrate as N Nitrate-Nitrite (as N)	<0.050 <0.050	10.00		0.050	1		09/22/22 07:4		
353.2 Nitrogen, NO2		Method: EPA 35 tical Services -							
Nitrite as N	<0.050	mg/L	0	.050	1		09/22/22 04:11	14797-65-0	
4500 Ammonia Water		Method; SM22 4 tical Services -					New William Participation		
Nitrogen, Ammonia	2.7	mg/L		0.10	1		09/26/22 13:55	7664-41-7	
9014 Cyanide; Total		Method: EPA 90 tical Services -		de Pre	paration	Method: EPA			
Cyanide	<10.0	ug/L		10.0	1	10/03/22 18:1	0 10/03/22 19:59	57-12-5	

REPORT OF LABORATORY ANALYSIS



NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Sample: MW-40	Lab ID: 702	30003008	Collected: 09/20/2	2 13:00	Received: 0	9/21/22 10:00 1	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases	Analytical Met	hod: RSK-17	5 Preparation Meth	od: RSI	C-175			
	Pace Analytica	I Services -	Melville					
Methane, Dissolved	1090	ug/L	86.0	86	09/28/22 13:02	09/29/22 13:54	74-82-8	
6010 MET ICP	Analytical Met	nod FPA 60	10C Preparation Me	thad E				
	Pace Analytica			uriou. E	LW 2002W			
Iron					record to			
	12800	ug/L	100	1		09/28/22 22:20	7439-89-6	
8270E MSSV PAH by SIM	Analytical Meth	nod: EPA 82	70E SIM Preparation	n Metho	d: EPA 3510C			
	Pace Analytica	Services - I	Melville					
Acenaphthene	<0.020	ug/L	0.020	1	00/02/00 40/00	00/00/00 00 00		
Acenaphthylene	<0.020	ug/L	0.020	1		09/26/22 23:39 09/26/22 23:39		
Anthracene	<0.020	ug/L	0.020	1		09/26/22 23:39		
Benzo(a)anthracene	<0.020	ug/L	0.020	1				
Benzo(a)pyrene	<0.020	ug/L	0.020	1		09/26/22 23:39		
Berizo(b)fluoranthene	<0.020	ug/L	0.020	1		09/26/22 23:39		
Benzo(g,h,i)perylene	<0.020	ug/L	0.020	1		09/26/22 23:39		
Benzo(k)fluoranthene	<0.020	ug/L	0.020	1		09/26/22 23:39		
Chrysene	<0.020	ug/L	0.020	1		09/26/22 23:39		
Dibenz(a,h)anthracene	<0.020	ug/L	0.020	1		09/26/22 23:39		
lucranthene	<0.020	ug/L	0.020			09/26/22 23:39		
luorene	<0.020	ug/L	0.020	1		09/26/22 23:39		
ndeno(1,2,3-cd)pyrene	<0.020	ug/L	0.020	1		09/26/22 23:39		
Vaphthalene	<0.020	ug/L	0.020	1		09/26/22 23:39		
henanthrene	<0.020	ug/L	0.020	1		09/26/22 23:39		
vrene	<0.020	ug/L		1	09/26/22 12:38	09/26/22 23:39	THE PARTY OF THE PARTY OF	
Surrogates	-0.020	ugri	0.020	1	09/26/22 12:38	09/26/22 23:39	129-00-0	
luoranthene-d10 (S)	80	%	40-112	1	00/20/22 42:20	60,00,00,00	111111111111111111111111111111111111111	
-Methylnaphthalene-d10 (S)	49	%	44-146	1		09/26/22 23:39 09/26/22 23:39	93951-69-0	
350C V-1-11- O1	52 CANAD CARGO	701.8287957		27.	USIZUIZZ 12,30	03/20/22 23.39	1281-40-2	
260C Volatile Organics	Analytical Meth							
	Pace Analytical	Services - N	Melville					
Benzene	<1.0	ug/L	1.0	1		09/28/22 12:03	74.40.0	
thylbenzene	<1.0	ug/L	1.0	1			UT COMPANY	
oluene	<1.0	ug/L	1.0	4		09/28/22 12:03	1.4. Transport 1.5. St. 19. Transport	
ylene (Total)	<3.0	ug/L	3.0	1		09/28/22 12:03		
urrogates		- agra-	5.0	-0:		09/28/22 12:03	1330-20-7	
,2-Dichloroethane-d4 (S)	113	%	B1-122	1		09/28/22 12:03	17060-07-0	
-Bromofluorobenzene (S)	97	%	79-118	1		09/28/22 12:03	The state of the s	
oluene-d8 (S)	95	%	82-122	1		09/28/22 12:03	TATELON CONTROL OF THE	
320B Alkalinity	Analytical Math	od: SM22 22	200			SOUNDARY OF STREET	erestative.	
Amountry	Analytical Meth	AND DESCRIPTION OF THE PARTY OF	The state of the s					
	Pace Analytical	Services - N	terville					
Vkalinity, Total as CaCO3	183	mg/L	1.0	1		09/26/22 14:49		

REPORT OF LABORATORY ANALYSIS





Project:

NYSEG-ITHICA COURT STREET PROJ

Pace Project No.:

Date: 12/09/2022 01:59 PM

70230003

Sample: MW-40	Lab ID:	70230003008	Collected: 0	9/20/2	2 13:00	Received: 0	9/21/22 10:00	Matrix: Water	
Parameters	Results	Units	Report L	imit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	27,200	Method: EPA 30 ytical Services -						dir.	
Sulfate	<5.0	mg/L		5.0	1		09/29/22 00:07	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	200	Method: EPA 35 ytical Services -							
Nitrate as N Nitrate-Nitrite (as N)	0.39 0.38	100	2.0	0.050	1		09/22/22 07:55 09/22/22 07:55		
353.2 Nitrogen, NO2		Method: EPA 35 ytical Services -							
Nitrite as N	<0.050	mg/L	0	0.050	1		09/22/22 04:12	14797-65-0	
4500 Ammonia Water	200	Method; SM22 - tical Services -							
Nitrogen, Ammonia	4.4	mg/L		0.10	1		09/26/22 13:56	7664-41-7	
9014 Cyanide, Total		Method: EPA 90 /tical Services -		de Pre	paration	Method: EPA	9010C		
Cyanide	<10.0	ug/L		10.0	1	10/03/22 18:10	10/03/22 19:59	57-12-5	

REPORT OF LABORATORY ANALYSIS



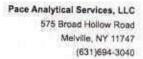
Project:

NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Sample: MW-31S	Lab ID: 7023	0003009	Collected: 09/20/2	22 14:25	Received: 0	9/21/22 10:00	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases	Analytical Metho	d: RSK-17	5 Preparation Meth	od RSI	K-175			7
	Pace Analytical	Services -	Melville		10.527			
Methane, Dissolved	930	ug/L	86.0	86	09/28/22 13:02	09/29/22 14:04	74 00 0	
6010 MET ICP	Applytical Mathe	di EDA PA	100 0	VERNE CO		00/20/22 14.04	14-02-0	
CHONN TOTAL PROPERTY	Pace Analytical	Services - I	10C Preparation Me	thod: E	PA 3005A			
Iron	583	ug/L	100	1	00/20/22 07 00			
8270E MSSV PAH by SIM						09/28/22 22:23	7439-89-6	
acros moov PAN by Sim	Pace Analytical S	d: EPA 827 Services - 1	70E SIM Preparation	n Metho	d: EPA 3510C			
Acenaphthene								
Acenaphthylene	<0.020 UJ	11 12 12 12 12 12	0.020	1	09/26/22 12:38	09/27/22 00:09	83-32-9	
Anthracene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	208-96-8	
Benzo(a)anthracene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	120-12-7	
Benzo(a)pyrene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	56-55-3	
Benzo(b)fluoranthene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	50-32-8	
	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	205-99-2	
Benzo(g,h,i)perylene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	191-24-2	
Benzo(k)fluoranthene Shrysene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	207-08-9	
	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	218-01-9	
Dibenz(a,h)anthracene Fluoranthene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	53-70-3	
Fluoranthene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	206-44-0	
	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	86.73.7	
ndeno(1,2,3-cd)pyrene	<0.020 UT	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	193-39-5	
Naphthalene	0.041 3	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	91-20-3	
Phenanthrene	<0.020 UT	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	85.01.8	
Pyrene	<0.020 UT	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	120 00 0	
Surrogates	100000000000000000000000000000000000000			1	The second contract	00,03	129-00-0	
Fluoranthene-d10 (S)	70	%	40-112	1	09/26/22 12:38	09/27/22 00:09	93951-69-0	
-Methylnaphthalene-d10 (S)	41	%	44-146	1	09/26/22 12:38	09/27/22 00:09	7297-45-2	S0
260C Volatile Organics	Analytical Method	EPA 826	0C/5030C					
	Pace Analytical S	ervices - M	felville					
Senzene	<1.0	ug/L	1.0	1		we less too a series	200,000,004	
thylbenzene	<1.0	ug/L	1.0	1		09/28/22 12:21		
oluene	<1.0	ug/L	1.0	1		09/28/22 12:21		
ylene (Total)	<3.0	ug/L	5.000	1095101		09/28/22 12:21		
urrogates	30.0	ugit	3.0	1		09/28/22 12:21	1330-20-7	
,2-Dichloroethane-d4 (S)	115	%	81-122	4		00/00/00 10 5	17000	
-Bromofluorobenzene (S)	100	%	79-118	4		09/28/22 12:21		
oluene-d8 (S)	95	96	82-122	1		09/28/22 12:21 09/28/22 12:21		
320B Alkalinity	Analytical Method	SM22 22	one	.00		THE PARTY OF THE P	2001-20-0	
34,000,000,000,000,000	Pace Analytical Se							
Ballata Table 2 200		ar vices - M	diville					
Ikalinity, Total as CaCO3	314	mg/L	1.0	1		09/26/22 15:03		

REPORT OF LABORATORY ANALYSIS





Project:

NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Sample: MW-31S	Lab ID:	70230003009	Collected:	09/20/2	22 14:25	Received:	09/21/22 10:00	Matrix: Water	_
Parameters	Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days		Method: EPA 30 ytical Services -							
Sulfate	8.4	f mg/L		5.0	1		09/29/22 00:2	1 14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres		Method: EPA 35 rtical Services -							
Nitrate as N Nitrate-Nitrite (as N)	<0.050 <0.050	mg/L		0.050	1		09/22/22 07:5 09/22/22 07:5	6 14797-55-8 6 7727-37-9	
353,2 Nitrogen, NO2		Method: EPA 35 rtical Services -							
litrite as N	<0.050			0.050	1		09/22/22 04:1:	3 14797-65-0	
500 Ammonia Water		Method: SM22 4 dical Services -					Medical Control		
Nitrogen, Ammonia	0.14	mg/L		0.10	1		09/26/22 13:58	7664-41-7	
014 Cyanide, Total	Analytical M Pace Analy	Method: EPA 90 tical Services -	14 Total Cya Melville	nide Pr	paration	Method: EPA		352 101	
yanide	<10.0	ug/L	LINCOLD DE	10.0	4 8	10/03/22 18:1	0 10/03/22 20:00	57-12-5	

REPORT OF LABORATORY ANALYSIS



Project.

NYSEG-ITHICA COURT STREET PROJ

Pace Project No.:

Date: 12/09/2022 01:59 PM

70230003

Sample: MW-23S	Lab ID:	70230	003010	Collected: 09/20/2	22 14:55	Received: 09	9/21/22 10:00 M	Matrix: Water	
Parameters	Results	_	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 Dissolved Gases	Analytical N	Method	: RSK-1	75 Preparation Meth	od: RSK	-175			
	Pace Analy	tical S	ervices -	Melville					
Methane, Dissolved	2280		ug/L	215	215	09/28/22 13:02	09/30/22 12:09	74-82-8	
6010 MET ICP	Analysis 1 s	· ·	Carriera Carr		SPECIAL I		T-E		
OUTO MET ICF	Pace Analy			10C Preparation Me	thod: El	PA 3005A			
Iron	664		ug/L	100	1	10/04/22 10:39	10/04/22 23:03	7420 00 0	
	Inden				11.0		10/04/22 23:03	7439-69-6	report e
8270E MSSV PAH by SIM				70E SIM Preparatio	n Metho	d: EPA 3510C			000
	Pace Analy	tical S	ervices -	Melville				1	Chic.
Acenaphthene	23.9	T	ug/L_	0.20	10	00/28/22 12:20	- 09/27/22 17:40		200
Acenaphthene	35.4		ug/L	0.20	10	09/29/22 10:59	10/04/22 17:15	03-32-9	LIO.
Acenaphthylene	0.36	Ť	ug/L	0.020	1	09/26/22 12:38			H2
Acenaphthylene	0.54	J	ug/L	0.020	1	09/29/22 10:58			1370
Anthracene	1.6	T	ug/L	0.020	4	09/26/22 12:38			H2
Anthracene	2.0	J	ug/L	0.020	1	09/29/22 10:58	10/03/22 21:52		110
Benzo(e)anthracene	0.044	-	ug/L	0.020	4		09/27/22 00:40		H2
Benzo(a)anthracene	0.044	T	ug/L	0.020	1		10/03/22 21:52		
Benzo(a)pyrene	<0.020		ug/L	0.020	4		09/27/22 00:40		H2
Benzo(a)pyrene	<0.020		ug/L	0.020	1	09/29/22 10:58			1620
Benzo(b)fluoranthene	<0.020		ug/L	0.020			10/03/22 21:52 09/27/22 00:40		H2
Benzo(b)fluoranthene	<0.020		ug/L	0.020	4	09/29/22 10:58			
Benzo(g,h,i)perylene	<0.020		ug/L	0.020	-	09/26/22 12:38	10/03/22 21:52		H2
Benzo(g,h,i)perylene	<0.020		ug/L	0.020		09/29/22 10:58	09/27/22 00:40		
Benzo(k)fluoranthene	<0.020		ug/L	0.020			The second of th		H2
Benzo(k)fluoranthene	. <0.020		ug/L	0.020	1		09/27/22 00:40		110
Shrysene	0.048		ug/L	0.020		09/29/22 10:58	10/03/22 21:52 09/27/22 00:40	207-08-9	H2
Chrysene	0.045		ug/L	0.020			10/03/22 21:52		
Dibenz(a,h)anthracene	<0.020		ug/L	0.020	-		09/27/22 00:40		H2
Dibenz(a,h)anthracene	<0.020	-	ug/L	0.020	1		10/03/22 21:52		110
luoranthene	0.75		ug/L	0.020			09/27/22 00:40		H2
Fluoranthene	0.84	J	ug/L	0.020	1		10/03/22 21:52		71100
Fluorene"	6.2		ug/L	0.20	1700		09/27/22 17:40		H2
Fluorene	9.0	j	ug/L	0.20	10		10/04/22 17:15		1.40
ndeno(1,2,3-cd)pyrene	<0.020		ug/L	0.020	10		09/27/22 00:40		H2
ndeno(1,2,3-cd)pyrene	<0.020		ug/L	0.020	1		10/03/22 21:52		(in
Vaphthalene	42.4	-100	ug/L	0.20	100		09/27/22 17:40		H2
Naphthalene	35.0	J	ug/L	0.20	10		10/04/22 17:15		110
Phenanthrene	7.4		ug/L	0.20	10		09/27/22 17:15		H2
Phenanthrene	8.5		ug/L	0.20	10		10/04/22 17:15		132
lyrene	1.2		ug/L	0.020			09/27/22 00:40		H2
Pyrene	1.3		ug/L	0.020				THE PROPERTY AND ADDRESS.	70W
Surrogates	1.9	-	agr.	0.020	40	USIZBIZZ 10:38	10/03/22 21:52	129-00-0	H2
luoranthene-d10 (S)	72		%	40-112	1	09/29/22 10:58	10/03/22 21:52	93951 69 0	
luoranthene-d10 (S)	68		%	40-112	0.00		09/27/22 00:40		
The state of the s					2				
2-Methylnaphthalene-d10 (S)	36		%	44-146	1	09/26/22 12:29	09/27/22 00:40	7207 45 0	SO

REPORT OF LABORATORY ANALYSIS



Project:

NYSEG-ITHICA COURT STREET PROJ

Pace Project No.:

70230003

Sample: MW-23S	Lab ID:	70230003010	Collected: 09/20/2	22 14:55	Received: 09	9/21/22 10:00	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical	Method: EPA 82	260C/5030C					
	Pace Anal	ytical Services -	Melville					
Benzene	<1.0	ug/L	1.0	- 14		09/28/22 12:4	3 74 49 9	
Ethylbenzene	21.9		1.0	4		09/28/22 12:4		
Toluene	<1.0	ug/L	1.0	1		09/28/22 12:4	50 107 F0 F0 F0 F0 F0	
Kylene (Total)	14.3	2 m	3.0	1		09/28/22 12:4	A 100 A	
Surrogates						00/20/22 12.4	0000-20-1	
1,2-Dichloroethane-d4 (S)	118	3 %	81-122	1		09/28/22 12:40	17060-07-0	
4-Bromofluorobenzene (S)	103	111	79-118	1		09/28/22 12:40	460-00-4	
foluene-d8 (S)	94	%	82-122	1		09/28/22 12:40	2037-26-5	
2320B Alkalinity	Analytical	Method: SM22	2320B					
1903/93-70-2-79-24-453/2007-7 <mark>2</mark> 30	STREET, STREET	rtical Services -						
Alkalinity, Total as CaCO3	207	mg/L	1.0	1		09/26/22 15:15	5	
800.0 IC Anions 28 Days	Analytical I	Method: EPA 30	0.0					
	Pace Analy	tical Services -	Melville					
Sulfate	5.1	mg/L	5.0	1		09/29/22 00:34	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical I	Method: EPA 35	3.2					
and the second s	Pace Analy	tical Services -	Melville					
Nitrate as N	0.26	mg/L	0.050	1		20/20/20 07 57		
Nitrate-Nitrite (as N)	0.26		0.050	1		09/22/22 07:57		
THE SOUTH THE CONTRACT OF	9,20	nigre.	0.000	540		09/22/22 07:57	1727-37-9	
353.2 Nitrogen, NO2	Analytical I	Method: EPA 35	3.2					
	Pace Analy	rtical Services -	Melville					
Nitrite as N	<0.050	mg/L	0.050	1		09/22/22 04:17	14797-65-0	
1500 Ammonia Water	Analytical f	Method: SM22 4	500 NH3 H				COLORAGE ASSETS	
		tical Services -						
Nitrogen, Ammonia	0.56	mg/L	0.10	Ť		09/26/22 13:59	7664-41-7	
014 Cyanide, Total	Analytical I	Method: EPA 90	14 Total Cyanide Pr	eparation	Method: FPA 9	0100		
		tical Services -		-paradori	mennen, Errig	0.100		
Cyanide	<10.0	ug/L	10.0	10 0	10/03/22 18:10	10/03/22 20:01	57-12-5	
	53	200	1000	W 3	Shinamen Service	10.00	4	

REPORT OF LABORATORY ANALYSIS

JO#: 70230003 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace T The Chain-of-Custody is a LE CHAIN-OF-CUSTO Section B

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Page:

Regulatory Agency State / Location

utova sooralie@pacelabs.com

Pacs Quote Pacs Project Manager

Paca Profile #

WYSEG- ITHACA COURT STREET PROJECT

Invoice information:

Repaired Project Information: Report To: Brease Pabut Copy To:

wichase Order #

Address 1301 Trumansburg Rd Suite N, Ihaca, NY 14850 bpabst@gelconsultants.com

Required Clent Information

GEI Consul

607-215-8955

Ringuested Due Date

Pace

reject Name

Section C

Company Name

(NVA) Panthes. (N/A) Cooler Cossody (ASMI) Received on Residual Chlorine (VIN) JEMP IN C 0 07.00 1396 Requested Analysis Filterad (Y/N) 9 uou snouw-× × × × × × × 9/21/20 107/ 9//6 DEDG AG DON 1630T DATE × × × 34 × × × × × RSK Melhane × × × × × × × × × × 5 Mitrale, Ammonia × × × × × × × Sulfate, Alfalfatty, Minnte × DATE Signed: × 151 HAY MIZ 0758 × × × × × × × × × ACCEPTED BY (AFFRIA TICK BIEX 8260 × × × × × × Analyses Test NIA MINO Paksy **JOURNAL** NAZSZOB 100/2 4 HOWN 4 4 4 ct breach 13H J 5 7 CONH Brass. **⊭OSZH** 0 5 1000 Unpreserved 3 THE 9 0 02 3 3 60 W) (4) (1) \$ OF CONTAINERS SAMPLER NAME AND SIGNATURE" 3/20/21 SAMPLE TEMP AT COLLECTION PRINT Name of SAMPLER SIGNATURE of SAMPLER: 120 830 DATE 455 830 920 455 830 93 14 1425 THE 38 5 END 9/20 19/2N 9/20 9/20 DATE 9/20 9/20 9/20 9/20 7667 8/2 9/20 COLLECTED RELINGUISHED BY LAFFELATION: 830 830 9/20/1125 TIME 830 1300 あれ 三元 9/20/950 5000 755 PLOS F START 9/20 (Clb) 6/3 DATE 9/20 8/50 9/20 9/20 9/2 WT 6 WT CS WT G 5 C 3 WT G EAMPLE TYPE (G-GRAP C-COMP) S Bran 0 3 150 MATRIX CODE: (see valid codes to tell) 5 5 MATRY Control open Matry State Front Control C 5-66+d 40--05 8 200--07 01 -8 1 いいい One Character per box. (A.2, 0.91, ..) Sample lds must be unique ADDITIONAL COMMENTS NS Š Z SAMPLE ID MW-24S Ferrous MM-45S MM-315 5 MW-CI MW-23 MW-CII MM-HO MW-CI MM-9 400 308 3210 1 210 +83 184 425 747 49-466 231 F # METI Page 64 of 67

TOTAL CONTROL OF THE	regions Propert in sport for establish thy Tie version Colons or open Klones of sport or			-			Mon Cons Address Factor	pary 5 vec Quali	lame.			CL	i: .IE	NT	:							Date:	1	0/04	1/22	
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SAMPLE ID Services One Disposition per tool (A.Z., 3-5*, 4) Bample its must be length;	AATRACOOS (per		TART	Esta	Transf	SAMPLE TEAP AT COLLECT	rar cartinidis	Ungressissed	MD3.	HCI	Nager	Verband	204	Analyses Test	NTEX ASSO	County	Author Massics No	APPLICATIONS	85x Mehans	Test 440 by \$210	CEL NO.		Bering Dr. con (97)			
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ADDITIONAL SIZOMENTS		CONTRACTOR	STEEL STATES	4.4	DATE	0.0		ME	10	38	A	4577	CO NY	INTE	CMCTO	29		51	180	MTL	ŝ	Tion.		549711	CONGINON	dic.
Fernous iron subbed	BITTHON	Post	251-1	GET	9/19	-	and Heat	104	1	12	1	1	0		_				9	lic		16164		1		
to PACE NE	20	-15			alis	-	10	:00	1			-			Qas	ě.	4		13/4	4/2	bu .	12.20				-



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Sample: MW-22S	Lab ID: 7	0230444001	Collected: 09/21/2	2 08:55	Received: 09	/22/22 10:15	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases			75 Preparation Meth	od: RSK	-175			78
	Pace Analyt	ical Services -	Melville					
Methane, Dissolved	1050	J ug/L	215	215	09/28/22 13:02	09/30/22 12:31	74-82-8	B
6010 MET ICP		ethod: EPA 60	010C Preparation Me Molville	ethod: E	PA 3005A			
Iron	8220	ug/L	100	1	10/04/22 10:39	10/04/22 23:47	7439-89-6	
8270E MSSV PAH by SIM		220000000	270E SIM Preparatio	n Metho				
Acenaphthene					00/07/00 44-00	00/00/00 04 00		
ALCOHOL STATE OF THE STATE OF T	1.4	ug/L	0.020	3	09/27/22 11:02			X 000000
Acenaphthene	1.4	ug/L	0.020	1	09/30/22 11:52			H2
Acenaphthylene	<0.020	ug/L	0.020	1	09/27/22 11:02		A DESCRIPTION OF THE PARTY OF T	
Acenaphthylene	<0.020	ug/L		1				H2
Anthracene	<0.020	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:23	120-12-7	
Anthracene	<0.020	ug/L		1	09/30/22 11:52	10/04/22 20:19	120-12-7	H2
Benzo(a)anthracene	<0.020	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:23	56-55-3	
Benzo(a)anthracene	<0,020	ug/L	0.020	1	09/30/22 11:52	10/04/22 20:19	56-55-3	H2
Benzo(a)pyrene	< 0.020	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:23	50-32-8	
Benzo(a)pyrene	<0.020	Ug/L	0.020	1	09/30/22 11:52	10/04/22 20:19	50-32-8	H2
Benzo(b)fluoranthene	< 0.020	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:23	205-99-2	
lenzo(b)fluoranthene	<0.020	ug/L	• 0.020	1	09/30/22 11:52	10/04/22 20:19	205-99-2	H2
Benzo(g,h,i)perylene	< 0.020	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:23	191-24-2	
Benzo(g;h,i)perylene	<0,020	ug/L	0.020	1	09/30/22 11:52	10/04/22 20:19	191-24-2	H2
Benzo(k)fluoranthene	< 0.020	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:23	207-08-9	
3cnzo(k)fluoranthene	<0.020	ug/L	0.020	1	09/30/22 11:52	10/04/22 20:19	207-08-9	H2
Chrysene	< 0.020	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:23	PARTY NOTE OF THE	
Shrysene	<0.020	ug/L=	0.020	1	09/30/22 11:52	10/04/22 20:19		H2
Dibenz(a,h)anthracene	< 0.020	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:23		V. S. 120
Dibonz(a,h)anthracene	<0.020	ug/L		1	09/30/22 11:52			H2:
Fluoranthene	<0.020	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:23	PARTICIPATION THE	
luoranthene	<0.020	ug/L	0.020	4	09/30/22 11:52	10/04/22 20:19	SET CHARLEST AND	H2
Fluorene	0.021	ug/L	0.020	4	09/27/22 11:02	09/28/22 21:23		1,190
luorene	0.020	ug/L •		1		10/04/22 20:19		H2
ndeno(1,2,3-cd)pyrene	<0.020	ug/L	0.020	1	09/27/22 11:02		TO SHEET WITH THE SAME	
ndeno(1,2,3-cd)pyrene	<0.020	ug/L		+	09/30/22 11:52	10/04/22 20:19	MACHEN TO THE STREET	H2
Naphthalene	0.22	ug/L	0.020	4	09/27/22 11:02			57500
Naphthalene	0.25	ug/L		1		10/04/22 20:19		H2
Phenanthrene	<0.020	ug/L	0.020	4		09/28/22 21:23		H2
Phenanthrene	<0.020	ug/L ug/L		4		10/04/22 20:19		H2
	<0.020	The state of the s		-	09/27/22 11:02			1750
Pyrene		ug/L	0.020			10/04/22 20:19		H2
Pyrene	<0.020	ug/L-	0.020	1	USISUIZZ 11.5Z	10/04/22 20:15	128-00-0	112
Surrogates	70	100	40-112	4	00/30/22 11:52	10/04/22 20:19	93951-69.0	
Fluoranthene-d10 (S)	73					09/28/22 21:23		
Fluoranthene-d10 (S)	73		40-112					
2-Methylnaphthalene-d10 (S)	58		44-146	10		10/04/22 20:19		
2-Methylnaphthalene-d10 (S)	53	%	44-146	3	09/27/22 11:02	09/28/22 21:2:	3 /29/-45-2	

REPORT OF LABORATORY ANALYSIS



Project.

NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Sample: MW-22S	Lab ID: 7	70230444001	Collected: 09/21/2	2 08:55	Received: 09	/22/22 10:15 N	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
8260C Volatile Organics	Analytical N	Method: EPA 82	260C/5030C					
	Pace Analy	tical Services -	Melville					
Benzene	13.4	ug/L	1.0	9		09/29/22 19:40	71-43-2	
thylbenzene	10.6	ug/L	1.0	1		09/29/22 19:40	100-41-4	
Toluene	<1.0	ug/L	1.0	1		09/29/22 19:40	108-88-3	
(ylene (Total)	5.6	ug/L	3.0	4		09/29/22 19:40	1330-20-7	
Surrogates		56				GOV ACTOR ACTOR SATE	200,000000-00000	
,2-Dichloroethane-d4 (S)	109	%	81-122	id.		09/29/22 19:40	17060-07-0	
4-Bramafluorobenzene (S)	92	%	79-118	3		09/29/22 19:40	460-00-4	
oluene-d8 (S)	114	%	82-122	1		09/29/22 19:40	2037-26-5	
2320B Alkalinity	Analytical N	Method: SM22	2320B					
PROGRAMMENT AND THE STREET	San Park Charles	tical Services -						
Mkalinity, Total as CaCO3	347	mg/L	1.0	31		09/27/22 14:32		
300.0 IC Anions 28 Days	Analytical N	Method: EPA 30	0.00					
	100	tical Services -						
Sulfate	187	mg/L	25.0	5		10/04/22 05:49	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical M	Method: EPA 35	53.2					
	Pace Analy	tical Services -	Melville					
Vitrate as N	0.060	mg/L	0.050	1		09/23/22 01:37	14797-55-8	
Nitrate-Nitrite (as N)	0.072	mg/L	0.050	1		09/23/22 01:37	7727-37-9	
353.2 Nitrogen, NO2	Analytical M	Method: EPA 35	13.2					
TOOLE INDINGS IN THE		tical Services						
Nitrite as N	<0.050	mg/L	0.050	1		09/22/22 23:08	14797-65-0	
4500 Ammonia Water	Analytical I	Method: SM22	4500 NH3 H					
		tical Services						
Nitrogen, Ammonia	3.3	mg/L	0.10	1		09/26/22 14:00	7664-41-7	
9014 Cyanide, Total	CONTRACTOR CONTRACTOR	Method: EPA 9	014 Total Cyanide Pr	reparatio	n Method: EPA 9	010C		
	The Continue			4	10/04/99 14:40	10/04/22 10:20	E7.12.6	
Cyanide	104	ug/L	10.0	17	10/04/22 14:40	10/04/22 19:30	31-12-3	



Project:

NYSEG ITHACA COURT STREET 9/21

Pace Project No.

70230444

Pace Project No. 70230444								
Sample: MW-25S	Lab ID: 702:	30444002	Collected: 09/21/3	22 07:55	Received: 09	/22/22 10:15 N	Aatrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases	Analytical Meth	od: RSK-175	5 Preparation Metr	od: RSk	-175			
	Pace Analytica	Services - N	// Activitie					
Methane, Dissolved	<215	ug/L	215	215	09/28/22 13:02	09/30/22 13:06	74-82-8	B
6010 MET ICP	Analytical Meth	od: EPA 601	OC Preparation M	ethor: F	PA 3005A			
	Pace Analytica			AND DESCRIPTION OF THE PERSON				
Iron	1060	ug/L	100	1	10/04/22 10:39	10/04/22 23:50	7439-89-6	
8270E MSSV PAH by SIM	Analytical Meth	od: EPA 827	OE SIM Preparation	n Metho	d EPA 3510C			
	Pace Analytica			AT ITICALIS	G. El 71 30 100			
Acenaphthene	< 0.020	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:54	83-32-9	
Acenaphthene	<0.020	ug/L→	0.020	1	09/30/22 11:52	10/04/22 20:50	83-32-9	H2
Acenaphthylene	<0.020	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:54	208-96-8	
Acenaphthylene	<0.020	ug/l	0.020	1	09/30/22 11:52	10/04/22 20:50	208-96-8	H2
Anthracene	<0.020	ug/L	0,020	1	09/27/22 11:02	09/28/22 21:54	120-12-7	
Anthracene	<0.020	ug/L	0.020	1	09/30/22 11:52	10/04/22 20:50	120-12-7	H2
Benzo(a)anthracene	<0.020	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:54	56-55-3	
Benzo(a)anthracene	<0.020	ug/L	0.020	1	09/30/22 11:52	10/04/22 20:50	56-55-3	H2
Benzo(a)pyrene	<0.020	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:54	50-32-8	
Benzo(a)pyrene	<0.020		0.020	1	09/30/22 11:52	10/04/22 20:50	50-32-8	H2
Benzo(b)fluoranthene	<0.020	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:54	205-99-2	
Benzo(b)fluoranthene	<0.020	ug/k	0.020	1	09/30/22 11:52	10/04/22 20:50	205-99-2	H2
Benzo(g,h,i)perylene	<0.020	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:54	191-24-2	
Benzo(g,h,i)perylene	<0,020	ug/L*	0.020	1	09/30/22 11:52	10/04/22 20:50	191-24-2	H2
Benzo(k)fluoranthene	<0.020	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:54	207-08-9	
Benzo(k)fluoranthene	<0.020	ug/L	0.020	1:	09/30/22 11:52	10/04/22 20:50	207-08-9	H2
Chrysene	<0.020	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:54	218-01-9	
Chrysene	<0.020	ug/L*	0.020	1	09/30/22 11:52	10/04/22 20:50	218-01-9	H2
Dibenz(a,h)anthracene	<0.020	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:54	53-70-3	
Dibenz(a,h)anthracene	<0.020	ug/L	0.020	1	09/30/22 11:52	10/04/22 20:50	53-70-3	H2
Fluoranthene	<0.020	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:54	206-44-0	
Fluoranthene	<0,020	ug/L*	0.020	1	09/30/22 11:52	10/04/22 20:50		H2
Fluorene	<0.020	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:54	TOTAL CONTROL	
Fluorene	<0.020	ugit	0.020	1	09/30/22 11:52	10/04/22 20:50		H2
Indeno(1,2,3-cd)pyrene	< 0.020	ug/L	0.020	1		09/28/22 21:54		1068
Indeno(1,2,3-cd)pyrene	<0.020	ug/L *	0.020	1	09/30/22 11:52			H2
Naphthalene	0.085	ug/L	0.020	1	09/27/22 11:02		17 19 EC 157 10 60	24.60
Naphthalene	<0.020	ug/L	0.020	1		10/04/22 20:50		H2
Phenanthrene	<0.020	ug/L	0.020	1		09/28/22 21:54		2000
Phenanthrene	<0,020	ug/L=	0.020			10/04/22 20:50		H2
Pyrene	<0.020	ug/L	0.020			09/28/22 21:54		706
Pyrene	<0.020	ug/I-	0.020	- 1	09/30/22 11:52	10/04/22 20:50	129-00-0	H2
Surrogates					0010310011	00/00/00 04 5	00054 00 0	
Fluoranthene-d10 (S)	55	%	40-112			09/28/22 21:54		
Fluoranthene-d10 (S)	66	%	40-112			10/04/22 20:50		
2-Methylnaphthalene-d10 (S)	48	9%	44-146			09/28/22 21:54		
2-Methylnaphthalene-d10 (S)	53	36	44-146		09/30/22 11:52	10/04/22 20:5	0 7297-45-2	



Project:

NYSEG ITHACA COURT STREET 9/21

Pace Project No.:

70230444

Sample: MW-25S	Lab ID:	70230444002	Collected: 09/2	1/22 07:55	Received: 09	/22/22 10:15 N	fatrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
3260C Volatile Organics	- 100 PERCENT	Method: EPA 82	A STATE OF THE PARTY OF THE PAR		W. SOFTER STATE			
	Pace Analy	tical Services -	Melville					
Benzene	<1.0	ug/L	1.	0 1		09/29/22 19:59	71-43-2	
thylbenzene	<1.0	ug/L	1.	0 1		09/29/22 19:59	100-41-4	
oluene	<1.0	ug/L	1.	0 1		09/29/22 19:59	108-88-3	
(ylene (Total)	<3.0	ug/L	3.	0 1		09/29/22 19:59	1330-20-7	
Surrogates	5300							
,2-Dichloroethane-d4 (S)	110		81-12	0.5		09/29/22 19:59	Olivery and the second	
4-Bromofluorobenzene (S)	92		79-11			09/29/22 19:59	3000001747533015	
foluene-d8 (S)	115	5 %	82-12	2 1		09/29/22 19:59	2037-26-5	
2320B Alkalinity	Analytical I	Method: SM22	2320B					
16-20-7-1-20-7-20-5-2	1975 1970 1970 19	tical Services -						
11-1-1- T-11-0-000	ATTAINMENT TO THE	Man Heart of the San						
Alkalinity, Total as CaCO3	559	mg/L		0 1		09/27/22 14:55		
300.0 IC Anions 28 Days	Analytical I	Method: EPA 30	0.00					
	Pace Analy	tical Services -	Melville					
Sulfate	111	mg/L	25	0 5		10/04/22 06:03	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical	Method: EPA 35	53.2					
	10712-10750-1111	ytical Services						
Nitrate as N	S. S	Suggestion and their				00,000,000,04,04	44707.55.0	
	0.11	1000	0.05			09/23/22 01:34	William Co. Land Co.	
Nitrate-Nitrite (as N)	0.13	mg/L	0.05	0 1		09/23/22 01:34	1121-31-9	
353.2 Nitrogen, NO2	Analytical	Method: EPA 3	53.2					
A CONTRACTOR OF THE CONTRACTOR	Pace Anal	ytical Services	- Melville					
Nitrite as N	<0.050	mg/L	0.05	0 1		09/22/22 23:01	14797-65-0	
4500 Ammonia Water	Analytical	Method: SM22	4500 NH3 H					
TOO Anniona Traser	The Committee of	ytical Services						
Nitrogen, Ammonia	0.4		0,	0 1		09/26/22 14:01	7664-41-7	
9014 Cyanida Total	Appletion	Method EPA 0	014 Total Cyanide	Preparati	on Method EPA G	9010C		
9014 Cyanide, Total		ytical Services		roparati	a. modiou, Er A s			
	20.	1 ug/L	10	0 1	10/04/22 14:40		FT 45 F	



Project:

NYSEG ITHACA COURT STREET 9/21

Pace Project No.:

70230444

Sample: MW-33S	Lab ID: 702	30444003	Collected	09/21/2	2 09:30	Received: 09	9/22/22 10:15 M	Natrix: Water	
Parameters	Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases	Analytical Meti			on Meth	od: RSK	-175			
	Pace Analytica	Services -	- Melville						
Methane, Dissolved	754	√- ug/L		215	215	09/28/22 13:02	09/30/22 12:55	74-82-8	B
6010 MET ICP	Analytical Meti	nod: EPA 60	010C Prepar	ation Me	thod: El	PA 3005A			
	Pace Analytica								
Iron	15300	ug/L		100	1	10/04/22 10:39	10/04/22 23:53	7439-89-6	
2705 11001/04/11 0114	A 1 - 1 - 1 - 1 - 1 - 1	and EDA O	2705 C(M D	t except		4 ED4 25420			
8270E MSSV PAH by SIM	Analytical Met Pace Analytica			eparatio	n Metho	d: EPA 3510C			
Acenaphthene	<0.020	J ug/L		0.020	4	09/27/22 11:02	09/28/22 22:24	83-32-9	
Acenaphthene	<0.020	ug/L_		0.020	1	09/30/22 11:52		72.17.2	H2
Acenaphthylene	<0.020	ug/L		0.020	1	09/27/22 11:02			
Acenaphthylene	<0.020	Ug/L		0.020	1	09/30/22 11:52			H2
Anthracene	<0.020	ug/L		0.020	1	09/27/22 11:02			4.88
Anthrasene	<0.020	ug/L		0.020	1	09/30/22 11:52			H2
Benzo(a)anthracene	<0.020	ug/L		0,020	1	09/27/22 11:02			
Senzo(a)anthracene	<0.020	- ug/L		0.020	1	09/30/22 11:52			H2
Benzo(a)pyrene	<0.020	ug/L		0.020	1	09/27/22 11:02			232424
Benzo(a)pyrene	<0.020	ug/L	-	0.020	1	09/30/22 11:52			H2
Benzo(b)fluoranthene	<0.020	ug/L		0.020	1	09/27/22 11:02			V-900
Senzo(b)fluoranthene	<0.020	ug/L		0.020	1	09/30/22 11:52	10/04/22 21:20	205-99-2	H2
Benzo(g,h,i)perylene	<0.020	ug/L		0.020	1	09/27/22 11:02	09/28/22 22:24	191-24-2	
Benzo(g,h,i)perylene	<0.020	ug/L	-	0.020	1	09/30/22 11:52	10/04/22 21:20	191-24-2	H2
Benzo(k)fluoranthene	<0.020	ug/L		0.020	1	09/27/22 11:02	09/28/22 22:24	207-08-9	
Benzo(k)fluoranthene	<0.020	ug/L-		0.020	1	09/30/22 11:52	10/04/22 21:20	207-08-9	H2
Chrysene	< 0.020	ug/L		0.020	1	09/27/22 11:02	09/28/22 22:24	218-01-9	
Ghrysone	<0,020	ug/L		0.020	1	09/30/22 11:52	10/04/22 21:20	218-01-9	H2
Dibenz(a,h)anthracene	<0.020	ug/L		0.020	1	09/27/22 11:02	09/28/22 22:24	53-70-3	
Dibenz(a,h)anthracene	<0.020	_الوب		0.020	1	09/30/22 11:52	10/04/22 21:20	53-70-3	H2
Fluoranthene	< 0.020	ug/L		0.020	1	09/27/22 11:02	09/28/22 22:24	206-44-0	
Fluoranthene	<0.020	ug/L	_	0.020	1	09/30/22 11:52	10/04/22 21:20	206-44-0	H2
Fluorene	<0.020	ug/L		0.020	1	09/27/22 11:02	09/28/22 22:24	86-73-7	
Fluorene	<0.020	ug/L-		0.020	1	09/30/22 11:52	10/04/22 21:20	86-73-7	H2
Indeno(1,2,3-cd)pyrene	<0.020	ug/L		0.020	1	09/27/22 11:02	09/28/22 22:24	193-39-5	
Indeno(1,2,3-cd)pyrene	<0.020 U	J ug/L	-	0.020	1	09/30/22 11:52	10/04/22 21:20	193-39-5	H2
Naphthalene	0.083	T ug/L		0.020	1	09/27/22 11:02	09/28/22 22:24	91-20-3	
Naphthalene	<0.020 U	ug/L	-	0.020	1	09/30/22 11:52	10/04/22 21:20	91-20-3	H2
Phenanthrene	<0.020 U	T ug/L		0.020	1	09/27/22 11:02	09/28/22 22:24	85-01-8	
Phenanthrene	<0.020 V		-	0.020	1	09/30/22 11:52	10/04/22 21:20	85-01-8	H2
Pyrene	<0.020 U			0.020	1	09/27/22 11:02	2 09/28/22 22:20	4 129-00-0	
Pyrena	<0.020 U	The state of the s	_	0.020	1	09/30/22 11:52	2 10/04/22 21:2	129-00-0	H2
Surrogates							E SERVICE CONTRACT	MAKES TO WARE	
Fluoranthene-d10 (S)	74	%		40-112	1		2 10/04/22 21:2		
Fluoranthene-d10 (S)	69	%		40-112	1		2 09/28/22 22:2		
2-Methylnaphthalene-d10 (S)	55	%		44-146	1		2 10/04/22 21:2		
2-Methylnaphthalene-d10 (S)	41	%		44-146	. 1	09/27/22 11:03	2 09/28/22 22:2	4 7297-45-2	S0

REPORT OF LABORATORY ANALYSIS



Project:

NYSEG ITHACA COURT STREET 9/21

Pace Project No.:

70230444

Sample: MW-33S	Lab ID: 70	0230444003	Collected: 09/21/2	22 09:30	Received: 09	/22/22 10:15	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
3260C Volatile Organics		ethod: EPA 82	A STATE OF THE PARTY OF THE PAR					
Benzene	A STATE OF THE STA		ICOCATI AVENICA	nari		NEW YEAR OLD THE COLUMN	40.1202	
Ethylbenzene	<1.0	ug/L	1.0	1		09/29/22 20:19	A CAME DESC	
Toluene	<1.0	ug/L	0.179	1		09/29/22 20:19	ACTUAL NO.	
Xylene (Total)	11/3/12/2	ug/L	1.0	1		09/29/22 20:19		
Surrogates	<3.0	ug/L	3.0			09/29/22 20:19	1330-20-7	
1,2-Dichloroethane-d4 (S)	112	9/0	81-122	240		09/29/22 20:19	17000 07 0	
4-Bromofluorobenzene (S)	92	%	79-118	1		09/29/22 20:19		
Toluene-d8 (S)	113	9%	82-122	1			1277 TO 127	
roluerie-do (5)	113	70	02-122	U.		09/29/22 20:19	2037-20-5	
2320B Alkalinity		ethod: SM22	6801036					
	Hace Analyt	ical Services	Melville					
Alkalinity, Total as CaCO3	425	mg/L	1.0	510		09/27/22 15:14	88	
300.0 IC Anions 28 Days	Analytical M	ethod: EPA 30	0.00					
	Pace Analyt	ical Services -	Melville					
Sulfate	16.9	mg/L	5.0	4		10/02/22 01:06	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres		ethod: EPA 3						
ALCY OF	7.17.44.41.41.51.51.51.51					ensourer n		
Nitrate as N	<0.050	mg/L	0.050	1		09/23/22 01:46		
Nitrate-Nitrite (as N)	<0.050	mg/L	0,050	1		09/23/22 01:46	7727-37-9	
353.2 Nitrogen, NO2		ethod: EPA 3						
Nitrite as N	<0.050	mg/L	0.050	1		09/22/22 23:16	14797-65-0	
4500 Ammonia Water		lethod: SM22 ical Services						
Nitrogen, Ammonia	3.1	mg/L	0.10	1		09/26/22 14:02	7664-41-7	
9014 Cyanide, Total	18 SECTION (18 10 4-39 C) 1150		014 Total Cyanide P	reparatio	n Method: EPA 9	010C		
	Pace Analyt	ical Services	- Melville					
	<10.0	ug/L	10.0	5:	10/04/22 14:40		30 22 22 2	



Project:

NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Sample: MW-46S	Lab ID:	70230444004	Collected	09/21/2	2 10:50	Received: 0	9/22/22 10:15	Matrix: Water	
Parameters	Results	Units	Repor	rt Limit	DF	Prepared	Analyzed	CAS No.	Qu
RSK 175 Dissolved Gases	Analytical	Method: RSK-1	75 Preparat	ion Meth	od: RSK	-175	TP		
	Pace Anal	ytical Services -	Melville						
Methane, Dissolved	359	0 ug/L		255	255	09/28/22 13:02	09/30/22 13:47	74-82-8	
6010 MET ICP	Analytical	Method: EPA 60	010C Prepar	ration Me	thod: El	PA 3005A			
		ytical Services -							
Iron	297	0 ug/L		100	1	10/06/22 09:07	10/06/22 21:45	7439-89-6	
8270E MSSV PAH by SIM		Method: EPA 82 ytical Services -		reparatio	n Metho	d: EPA 3510C			
Acenaphthene	22.	6 ug/L		1.0	50	09/27/22 11:02	10/07/22 20:57	93.32.0	
Acenaphthene	19.		-	1.0	50	09/30/22 11:52			H2
Acenaphthylene	0.7			0.020	1	09/27/22 11:02	177 P. P. P. P. P. L. P. L. P. L. P. L. P.	(F)	T1Z
Acenaphthylene	0.7	107 TO 10		0.020	1				110
Anthracene	0.8	100000		0.020	1	09/30/22 11:52		100 TO 10	H2
Anthracene	0.8	HI DIESELE		0.020	1	09/27/22 11:02 09/30/22 11:52		and the same of th	14/14/07
Benzo(a)anthracene	0.2		•	0.020	1				H2
	0.2	100			1	09/27/22 11:02			1
Benzo(a)anthracene Benzo(a)pyrene	0.1	30		0.020		09/30/22 11:52		10/00/00/17/20	H2
SOUTH A TOTAL TOURIST.	0.1	7.73 4 1.57		0.020		09/27/22 11:02			110
Benzo(a)pyrene	7.77	200		0.020	1	09/30/22 11:52			H2
Benzo(b)fluoranthene	0.09	15		0,020	1	09/27/22 11:02			
Benzo(b)fluoranthene	0.1	A STATE OF THE STA	_	0.020	1	09/30/22 11:52			H2
Benzo(g,h,i)perylene	0.04	(C)		0.020		09/27/22 11:02			7194.0
Benzo(g,h,i)perylene	0.06	100000		0.020		09/30/22 11:52			H2
Benzo(k)fluoranthene	0.04			0.020	1	09/27/22 11:02		Parties out to the	
Benzo(k)fluoranthene	0.05			0.020	1	09/30/22 11:52			H2
Chrysene	0.1	ALTERNATION AND ALTERNATION AN		0.020	1	09/27/22 11:02			010000
Chrysone	0.2	- T T T T T T T T		0.020	1	09/30/22 11:52			H2
Dibenz(a,h)anthracene	<0.02			0.020	1	09/27/22 11:02			
Dibenz(a,h)anthraosne	0.02		_	0.020	1	09/30/22 11:52			H2
Fluoranthene	0.5	- m		0.020	1	09/27/22 11:02			1
Fluoranthene	0.5	-	-	0.020		09/30/22 11:52			H2
Fluorene	4.	The state of the s		0.020	1	09/27/22 11:02			14.34
Elucrene	3.	ALL ALL STREET	•	0.020	1	09/30/22 11:52			H2
Indeno(1,2,3-cd)pyrene	0.03	11		0.020	1	09/27/22 11:02			110
Indeno(1,2,3-od)pyrene	0.05	114	-	0.020	1	09/30/22 11:52			H2
Naphthalene	24	200		1.0	50	09/27/22 11:02			nie.
Naphthalene	16	200		1,0	50		10/07/22 21:2		H2
Phenanthrene	2.	THE WEST OF THE PARTY OF THE PA		0.020	1		09/28/22 22:5		1.10
Phenanthrene	2.	The second secon	-	0.020	1		10/04/22 21:5		H2
Pyrene	0.9	10.77		0.020	1		2 09/28/22 22:5		
Pyrene		.0 ug/L		0.020	1	09/30/22 11:52	10/04/22 21:5	1 129-00-0	H2
Surrogates	-	2000		200.440		00/20/22 44:51	10/04/22 24/5	1 02051 60 0	
Fluoranthene-d10 (S)		55 %		40-112	1		10/04/22 21:5		
Fluoranthene-d10 (S)		18 %		40-112	1		09/28/22 22:5		
2-Methylnaphthalene-d10 (S)		18 %		44-146	1		09/28/22 22:5		
2-Methylnaphthalene-d10 (S)		50 %		44-146	1	09/30/22 11:5	2 10/04/22 21:5	1 1291-45-2	



Project:

NYSEG ITHACA COURT STREET 9/21

Pace Project No.:

70230444

Sample: MW-46S	Lab ID: 7	0230444004	Collected: 09/21/2	22 10:50	Received: 09	1/22/22 10:15	Matrix: Water	13
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
8260C Volatile Organics	Analytical M	ethod: EPA 82	60C/5030C					
	Pace Analyt	ical Services -	Melville					
Benzene	278	ug/L	5.0	5		09/29/22 23:11	71-43-2	
Ethylbenzene	256	ug/L	5.0	5		09/29/22 23:11	100-41-4	
Toluene	1.4	ug/L	1.0	1		09/29/22 20:38	108-88-3	
(Ylene (Total)	61.8	ug/L	3.0	1		09/29/22 20:38	1330-20-7	
Surrogates								
,2-Dichloroethane-d4 (S)	111	%	81-122	1		09/29/22 20:38	17060-07-0	
4-Bromofluorobenzene (S)	90	%	79-118	11		09/29/22 20:38	460-00-4	
ľoluene-d8 (S)	114	%	82-122	1		09/29/22 20:38	2037-26-5	
320B Alkalinity	Analytical M	ethod: SM22	2320B					
	Pace Analyt	ical Services -	Melville					
Alkalinity, Total as CaCO3	300	mg/L	1.0	1		09/27/22 15:29		
300.0 IC Anions 28 Days	Analytical M	ethod: EPA 30	0.00					
	Pace Analyt	ical Services -	Melville					
Sulfate	10.7	mg/L	5.0	1		10/02/22 01:20	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical M	ethod; EPA 35	3.2					
	Pace Analyt	ical Services -	Melville					
Nitrate as N	< 0.050	mg/L	0.050	1		09/23/22 02:00	14797-55-8	
Vitrate-Nitrite (as N)	< 0.050	mg/L	0.050	1		09/23/22 02:00	All San	
353.2 Nitrogen, NO2	Analytical M	lethod: EPA 35	3 2					
333.2 Milrogen, NO2	The state of the s	ical Services -						
Nitrite as N	<0.050	mg/L	0.050	1		09/22/22 23:32	14797-65-0	
500 Ammonia Water	Analytical M	ethod: SM22	4500 NH3 H					
	27	ical Services -						
Nitrogen, Ammonia	2.1	mg/L	0.10	1		09/26/22 14:04	7664-41-7	
014 Cyanide, Total	Analytical M	lethod: EPA 90	14 Total Cyanide Pr	reparation	Method: EPA 9	010C		
Constructing the state of the s	- 14 CAN A ST SACRED HE	ical Services -	MANUFACTOR AND AND ADDRESS OF THE PARTY OF T					
Syanide	<10.0	ug/L	10.0	81	10/04/22 14-40	10/04/22 19:33	57.12.5	



Project:

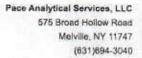
NYSEG ITHACA COURT STREET 9/21

Pace Project No.:

70230444

Sample: MW-47S	Lab ID:	70230444005	Collected:	09/21/2	2 08:00	Received: 09	/22/22 10:15	Matrix: Water	
Parameters	Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases		Method: RSK-1		on Meth	od: RSK	-175			
	Pace Anal	ytical Services	Melville						
Methane, Dissolved	279	0 ug/L		215	215	09/28/22 13:02	09/30/22 13:28	74-82-8	
6010 MET ICP	Analytical	Method: EPA 60	010C Prepar	ation Me	thod: El	PA 3005A			
	11 DELGE 1 STATE OF THE STATE O	ytical Services		35321.000	UNIVERSITY OF	TV-222014			
Iron	341	0 ug/L		100	1	10/06/22 09:07	10/06/22 21:48	7439-89-6	
8270E MSSV PAH by SIM	17.5	Method: EPA 8: ytical Services		eparatio	n Metho	d: EPA 3510C			
Acenaphthene	1.	0 ug/L		0.020	1	09/27/22 11:02	09/28/22 23:25	83-32-9	
Acenaphthene	0.8	[20]		0.020	1		10/04/22 22 22	31100000000000000	H2
Acenaphthylene	0.02			0.020	1	09/27/22 11:02	09/28/22 23:25		-7
Asenaphthylene	0.03	-		0.020	1	09/30/22 11:52	10/04/22 22:22		H2
Anthracene	<0.02			0.020	1	09/27/22 11:02	Land Address of the Art Carlot of States	Control of the later	
Anthracene	<0.02			0.020	1	09/30/22 11:52		59 (8000) (1400)	H2
Benzo(a)anthracene	<0.02	10000		0.020	9	09/27/22 11:02		5 56-55-3	
Benzo(a)anthracene	<0.02			0.020	1	09/30/22 11:52	10/04/22 22:22	2 56-55-3	H2
Benzo(a)pyrene	< 0.02			0.020	1	09/27/22 11:02	09/28/22 23:25	5 50-32-8	
Benzo(a)pyrene	<0.02			D.020	1	09/30/22 11:52	10/04/22 22:22	2 50-32-8	H2
Benzo(b)fluoranthene	<0.02	100		0.020	1	09/27/22 11:02	09/28/22 23:25	5 205-99-2	
Senzo(b)fluoranthene	<0.02			0.020	- 1	09/30/22 11:52	10/04/22 22:22	2 205-99-2	H2
Benza(g,h,i)perylene	<0.02			0.020	1	09/27/22 11:02			
Benzo(g.h.i)perylene	<0.02	00	-	0.020	1	09/30/22 11:52	10/04/22 22:22	2 191-24-2	H2
Benzo(k)fluoranthene	<0.02	V42		0.020	9	09/27/22 11:02	09/28/22 23:25	5 207-08-9	
Benzo(k)fluoranthene	<0.02	THE CHIEF ST.		0.020	1	09/30/22 11:52	10/04/22 22:23	2 207-08-9	H2
Chrysene	<0.02	10 Contractor		0.020	1	09/27/22 11:02	09/28/22 23:25	5 218-01-9	
Ghrysene	<0.02	1 To		0.020	1	09/30/22 11:52	10/04/22 22:22	2 218-01-9	H2
Dibenz(a,h)anthracene	< 0.02	0 ug/L		0.020	1	09/27/22 11:02	09/28/22 23:25	5 53-70-3	
Dibenz(a,h)anthracene	<0.02	0 ug/l	-	0.020	1	09/30/22 11:52	10/04/22 22:23	2 53-70-3	H2
Fluoranthene	<0.02	C. E. GORGE, U.		0.020	-1	09/27/22 11:02	09/28/22 23:25	5 206-44-0	
Fluoranthene	<0.02	0 ug/L		0.020	- 1	09/30/22 11:52	10/04/22 22:2:	2 206-44-0	H2
Fluorene	0.04	ug/L		0.020	1	09/27/22 11:02	09/28/22 23:2	5 86-73-7	
Fluorene	0.05	8 ug/L		0.020	1	09/30/22 11:52	10/04/22 22:2:	2 86-73-7	H2
Indeno(1,2,3-cd)pyrene	<0.02	0 ug/L		0.020	1	09/27/22 11:02	09/28/22 23:2	5 193-39-5	
Indeno(1,2,3-cd)pyrene	<0.02	(OTD) (111 SEC. 434)		0.020	1	09/30/22 11:52	10/04/22 22:2	2 193-39-5	H2
Naphthalene	0.1	11 ug/L		0.020	1	09/27/22 11:02	09/28/22 23:2	5 91-20-3	
Naphthalene	- 0,1	13 ug/L		0.020	1	09/30/22 11:52			H2
Phenanthrene	<0.03	20 ug/L		0.020	1	09/27/22 11:02	09/28/22 23:2	5 85-01-8	
Phenanthrene	0.04			0.020	1	09/30/22 11:52			H2
Pyrene	<0.03			0.020	1	09/27/22 11:02			108401
Pyrene	0.0	22 ug/L	-	0.020	1	09/30/22 11:52	10/04/22 22:2	2 129-00-0	H2
Surrogates									
Fluoranthene-d10 (S)		75 %		40-112			10/04/22 22:2		
Fluoranthene-d10 (S)		74 %		40-112		09/27/22 11:02		5 93951-89-0	
2-Methylnaphthalene-d10 (S)		48 %		44-146		09/27/22 11:02			
2-Methylnaphthalene-d10 (S)		42 %		44-146	1	09/30/22 11:52	10/04/22 22:2	2 7297-45-2	SO

REPORT OF LABORATORY ANALYSIS





Project:

NYSEG ITHACA COURT STREET 9/21

Pace Project No.:

70230444

Sample: MW-47S	Lab ID:	70230444005	Collected: 09/21/2	22 08:00	Received: 09	9/22/22 10:15	Matrix: Water	01
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
3260C Volatile Organics	Analytical	Method: EPA 82	260C/5030C					
	Pace Anal	ytical Services -	Melville					
Benzene	<1.0	0 ug/L	1.0	9		09/29/22 20:57	71-43-2	
Ethylbenzene	<1.0	0 ug/L	1.0	1		09/29/22 20:57	100-41-4	
oluene	<1.0	0 ug/L	1.0	31		09/29/22 20:57	108-88-3	
(ylene (Total)	<3.0	0 ug/L	3.0	1		09/29/22 20:57		
Surrogates		41.0					1000 20 7	
,2-Dichloroethane-d4 (S)	110	9%	81-122	1		09/29/22 20:57	17060-07-0	
-Bromofluorobenzene (S)	92	2 %	79-118	1		09/29/22 20:57	460-00-4	
oluene-d8 (S)	116	5 %	82-122	1		09/29/22 20:57		
320B Alkalinity	Analytical	Method: SM22	2320B					
Ritura Madulation Property Will		ytical Services -						
Alkalinity, Total as CaCO3:	300	6 mg/L	1.0	1		09/27/22 15:43		
00.0 IC Anions 28 Days	Analytical	Method: EPA 30	0.00					
		ytical Services -						
Sulfate	14.7	7 mg/L	5.0	1		10/02/22 01:33	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical	Method: EPA 35	3.2					
AND THE TAXABLE PROPERTY OF THE PROPERTY OF TH	Pace Analy	ytical Services -	Melville					
Vitrate as N	0.057	7 mg/L	0.050	-1		09/23/22 01:35	14707 55 8	
Vitrate-Nitrite (as N)	0.067		0.050	4		09/23/22 01:35		
53.2 Nitrogen, NO2	Analytical	Method: EPA 35	32					
Andrews and Park County	- State of the sta	vtical Services -						
Nitrite as N	<0.050	mg/L	0.050	1		09/22/22 23:02	14797-65-0	
500 Ammonia Water	Analytical	Method: SM22	4500 NH3 H					
	0.5	ytical Services -						
Vitrogen, Ammonia	2.6	5 mg/L	0.10	9		09/26/22 14:05	7664-41-7	
014 Cyanide, Total	Analytical	Method: EPA 90	14 Total Cyanide Pr	eparation	Method: EPA 9	9010C		
COMMUNICATION CONTRACTOR OF THE		ytical Services -	Carrier of the contract of the	***************************************	TO THE RESERVE AND THE STATE OF	SUN VI AUREN		
Cyanide	<10.0	0 ug/L	10.0	- 1	10/04/00 14/40	10/04/22 19:33	57.40 F	



Project:

NYSEG ITHACA COURT STREET 9/21

Pace Project No.:

70230444

Sample: MW-485	Lab ID: 702	30444006	Collected	09/21/2	22 10:55	Received: 0	9/22/22 10:15 M	Matrix: Water	
Parameters	Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases	Analytical Met		A selection of the second	ion Meth	od: RSK	-175	4)		
	Pace Analytica	al Services -	Melville						
Methane, Dissolved	1810	ug/L		255	255	09/28/22 13:02	09/30/22 13:59	74-82-8	
6010 MET ICP	Analytical Met	hod: EPA 60	10C Prepar	ration Me	ethod: El	PA 3005A			
	Pace Analytica			1.0000114	12000	MAISSESSALE			
Iron	4170	ug/L		100	1	10/06/22 09:07	10/06/22 21:51	7439-89-6	
POTRE MERLI DALL L. COM			NACE CILL D	greenerist	STATE STATE	11211122322			
8270E MSSV PAH by SIM	Analytical Met			reparatio	n Metho	d: EPA 3510C			
	Pace Analytica	al Services -	Melville						
Acenaphthene	31.7	ug/L		1.0	50	09/30/22 11:52	10/06/22 18:57	83-32-9	H2
Acenaphthene	30.5	ug/L		1.0	50	09/27/22 11:02		W1000000000000000000000000000000000000	11.62
Acenaphthylene	0.84	ug/L		0.020	1	09/27/22 11:02		SZSVESSON I	
Acenaphthylene	0.88	ug/L	_	0.020	1	09/30/22 11:52			H2
Anthracene	1.2	ug/L		0.020	1	09/27/22 11:02			1100
Anthracene	1.2	ug/L_		0.020	4	09/30/22 11:52			H2
Benzo(a)anthracene	0.048	ug/L		0.020	1	09/27/22 11:02		ELECTION AND ADDRESS OF THE PARTY OF THE PAR	W. CV
Senzo(a)anthracene	0.041	-Jug/L	-	0.020	1	09/30/22 11:52			H2
Benzo(a)pyrene	<0.020	ug/L		0.020	1	09/27/22 11:02			
Benzo(a)pyrane	<0.020	ug/L	-	0.020	1	09/30/22 11:52			H2
Benzo(b)fluoranthene	<0.020	ug/L		0.020	1	09/27/22 11:02			Virginia.
Benzo(b)fluoranthene	<0.020	ug/L	-	0.020	1	09/30/22 11:52			H2
Benzo(g,h,i)perylene	<0.020	ug/L		0.020	1	09/27/22 11:02	CONTROL OF THE PARTY OF THE PAR		-1.12
Benzo(g,h,i)perylene	<0.020	ug/L		0.020	4	09/30/22 11:52		A PARTY AND THE PROPERTY OF THE PARTY OF THE	H2
Benzo(k)fluoranthene	<0.020	ug/L		0.020	4	09/27/22 11:02			1.00
Benzo(k)fluoranthene	<0.020	ug/L		0.020	4	09/30/22 11:52		AND CONTRACTOR	H2
Chrysene	0.049	ug/L		0.020	1	09/27/22 11:02			ANT
Glwysene-	0.038	ug/L	_	0.020	1	09/30/22 11:52			H2
Dibenz(a,h)anthracene	<0.020	ug/L		0.020	4	09/27/22 11:02		4803 0000 00000	(1386)
Dibenz(a,h)anthracene	<0.020	ug/L	_	0.020	4	09/30/22 11:52			H2
Fluoranthene	0.55	ug/L		0.020	1	09/27/22 11:02			075
Fluoranthone	0.56	ug/L		0.020	1	09/30/22 11:52			H2
Fluorene	2.6	ug/L		0.020	1	09/27/22 11:02			1.16
Fluorene	2.8	ug/L		0.020	4	09/30/22 11:52			H2
Indeno(1,2,3-cd)pyrene	<0.020	ug/L		0.020	1	09/27/22 11:02			110
Indeno(1,2,3-cd)pyrene	<0.020	ug/L		0.020	1	09/30/22 11:52		107.70	H2
Naphthalene	65.2	ug/L		1.0	50	09/30/22 11:52			H2
Naphthalene	65.5	ug/L		1.0	50		10/06/22 19:27		C 200
Phenanthrene	3.9	ug/L		0.020	1		09/28/22 23:55		
Phenanthrene	3.9	ug/L		0.020			10/04/22 22:52		H2
Pyrene	0.79	ug/L		0.020	1		2 09/28/22 23:55		
Pyrene	0.79	ug/L		0.020	1		2 10/04/22 22:52		H2
Surrogates	4,70	ugnt		U.U.U	1	ACCOURAGE FILES	TOTAL TITLE BURNING	est of fitters makes after	.63750
Fluoranthene-d10 (S)	73	%		40-112		09/30/22 11:53	2 10/04/22 22:52	93951-69-0	
Fluoranthene-d10 (S)	69	%		40-112	- 1		2 09/28/22 23:55		
	54	%		44-146	1		2 10/04/22 22:52		
2-Methylnaphthalene-d10 (S) 2-Methylnaphthalene-d10 (S)	50	9/0		44-146	1		2 09/28/22 23:55		
The second secon									



Project:

NYSEG ITHACA COURT STREET 9/21

Pace Project No.:

70230444

Sample: MW-48S	Lab ID:	70230444006	Collected: 09/21/	22 10:55	Received: 09	/22/22 10:15	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
8260C Volatile Organics	Analytical	Method: EPA 82	.60C/5030C		W-12		The said	19-2
	Pace Anal	ytical Services -	Melville					
Benzene	27.	4 ug/L	1.0	1		09/29/22 21:16	71-43-2	
Ethylbenzene	14.	6 ug/L	1.0	1		09/29/22 21:16	100-41-4	
Toluene	<1.	0 ug/L	1.0	1		09/29/22 21:16	108-88-3	
Kylene (Total)	12.	0 ug/L	3.0	1		09/29/22 21:16	1330-20-7	
Surrogates						27.77.01.01.01.00.00.00.11.11.10		
,2-Dichloroethane-d4 (S)	111	0 %	81-122	1		09/29/22 21:16	17060-07-0	
4-Bromofluorobenzene (S)	9	1 %	79-118	1		09/29/22 21:16	460-00-4	
Toluene-d8 (S)	11:	3 %	82-122			09/29/22 21:16	HAND TO THE STATE OF THE STATE	
2320B Alkalinity	Analytical	Method: SM22	2320B					
ACM CONTRACTOR CONTRAC	Pace Anal	ytical Services -	Melville					
Alkalinity, Total as CaCO3	39	7 mg/L	1.0	1		09/27/22 17:57		
300.0 IC Anions 28 Days	Analytical	Method: EPA 30	0.00					
	Pace Anal	ytical Services -	Melville					
Sulfate	<5.	0 mg/L	5.0	1		10/02/22 01:47	14808-79-8	В
353.2 Nitrogen, NO2/NO3 unpres	Analytical	Method: EPA 35	33.2					
STATE OF THE STATE	Pace Anal	ytical Services -	Melville					
Nitrate as N	<0.05	0 mg/L	0.050	1		09/23/22 02:01	14797-55-8	
Nitrate-Nitrite (as N)	<0.05	0 mg/L	0.050	1		09/23/22 02:01	7727-37-9	
353.2 Nitrogen, NO2	Analytical	Method: EPA 35	53.2					
Sand Anti-Caparia Persona Assessment	100000000000000000000000000000000000000	ytical Services -						
Nitrite as N	<0.05	0 mg/L	0.050	1		09/22/22 23:36	14797-65-0	
4500 Ammonia Water	Analytical	Method: SM22	4500 NH3 H					
		ytical Services -						
Nitrogen, Ammonia	2.	0 mg/L	0.10	1		09/26/22 14:08	7664-41-7	
9014 Cyanide, Total	Analytical	Method: EPA 90	14 Total Cyanide P	reparatio	n Method: EPA 9	9010C		
WILLIAM TO THE TRACK OF THE TRA	D0000004555196461	lytical Services	COLUMN TO THE PARTY OF THE PART	Arc*71141308551				
Cyanide	<10.	0 ug/L	10.0	1	10/04/22 14:40	10/04/22 19:3/	57-12-5	

WO#: 70230444

CHAIN-OF-CUSTODY / Analytical Reques

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant field

Submitting a sample via this chain of costody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://link Invoice Information: Altention: Section C Required Project Information: Section B Section A Required Client Information: Company GEI Consultant

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ļ.,	607-216-8955 Fax	Project Name:		SEG-ITH	CA COU	AT STRE	COURT STREET PROJECT	,	Pace Project Manager	Asnager	-	shows sobrafied Depositety com-	Berthan	collabor	Tibel.			H	NAME FOR	8	Charles I's continue	Santana .		0
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Attachment C

Laboratory Report





December 09, 2022

Bruce Coulombe GEI Consultants 1301 Trumansburg Rd Ithaca, NY 14850

RE: Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Dear Bruce Coulombe:

Enclosed are the analytical results for sample(s) received by the laboratory between September 20, 2022 and September 21, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

• Pace Analytical Services - Melville

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

Sincerely,

Brianna D. Rivera brianna.rivera@pacelabs.com (631)694-3040 Project Manager

Enclosures

cc: Breana Pabst, GEI Consultants



(631)694-3040



CERTIFICATIONS

Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747 Connecticut Certification #: PH-0435 Delaware Certification # NY 10478

Maryland Certification #: 208 Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987 New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350 Rhode Island Certification #: LAO00340

Virginia Certification # 460302



PROJECT NARRATIVE

Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Method: RSK-175

Description: RSK 175 Dissolved Gases

Client: GEI Consultants

Date: December 09, 2022

General Information:

10 samples were analyzed for RSK-175 by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with RSK-175 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:



PROJECT NARRATIVE

Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Method: EPA 6010C
Description: 6010 MET ICP
Client: GEI Consultants
Date: December 09, 2022

General Information:

10 samples were analyzed for EPA 6010C by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3005A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Batch Comments:

The post digestion spike for sample 70230003004 (PDS 1392171) exceeded acceptance criteria for Calcium, and Sodium.

• QC Batch: 275517



PROJECT NARRATIVE

Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Method: EPA 8270E SIM

Description: 8270E MSSV PAH by SIM

Client: GEI Consultants

Date: December 09, 2022

General Information:

10 samples were analyzed for EPA 8270E SIM by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H2: Extraction or preparation conducted outside EPA method holding time.

• MW-23S (Lab ID: 70230003010)

Sample Preparation:

The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 274841

S0: Surrogate recovery outside laboratory control limits.

- MW-C16 (Lab ID: 70230003001)
 - 2-Methylnaphthalene-d10 (S)

QC Batch: 275047

S0: Surrogate recovery outside laboratory control limits.

- MW-23S (Lab ID: 70230003010)
 - 2-Methylnaphthalene-d10 (S)
- MW-31S (Lab ID: 70230003009)
 - 2-Methylnaphthalene-d10 (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Method: EPA 8270E SIM

Description: 8270E MSSV PAH by SIM

Client: GEI Consultants

Date: December 09, 2022

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 274841

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 70230003004

R1: RPD value was outside control limits.

• MSD (Lab ID: 1389784)

- Acenaphthylene
- Anthracene
- Benzo(a)anthracene
- Benzo(a)pyrene
- Fluoranthene
- Fluorene
- Naphthalene
- Phenanthrene

Additional Comments:



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Method: EPA 8260C/5030C
Description: 8260C Volatile Organics
Client: GEI Consultants
Date: December 09, 2022

General Information:

10 samples were analyzed for EPA 8260C/5030C by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 275392

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 70230003004

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1391722)
 - Toluene

Additional Comments:



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Method: SM22 2320B
Description: 2320B Alkalinity
Client: GEI Consultants
Date: December 09, 2022

General Information:

10 samples were analyzed for SM22 2320B by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 275034

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 70230003004

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1389789)
 - Alkalinity, Total as CaCO3

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Method: EPA 300.0

Description: 300.0 IC Anions 28 Days

Client: GEI Consultants

Date: December 09, 2022

General Information:

10 samples were analyzed for EPA 300.0 by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 275302

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 70230003004,70230326001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1391190)
 - Sulfate

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Method: EPA 353.2

Description: 353.2 Nitrogen, NO2/NO3 unpres

Client: GEI Consultants

Date: December 09, 2022

General Information:

10 samples were analyzed for EPA 353.2 by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 274402

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 70229869001,70229993001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1385868)
 - Nitrate-Nitrite (as N)
- MS (Lab ID: 1385870)
 - Nitrate-Nitrite (as N)

QC Batch: 274614

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 70230003004,70230091002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1387272)
 - Nitrate-Nitrite (as N)

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Method: EPA 353.2

Description: 353.2 Nitrogen, NO2
Client: GEI Consultants
Date: December 09, 2022

General Information:

10 samples were analyzed for EPA 353.2 by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 274393

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 70229869001,70229995001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1385843)
 - Nitrite as N

QC Batch: 274605

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 70230277001,70230278003

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1387113)
 - Nitrite as N

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Method: SM22 4500 NH3 H
Description: 4500 Ammonia Water
Client: GEI Consultants
Date: December 09, 2022

General Information:

10 samples were analyzed for SM22 4500 NH3 H by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Method:EPA 9014 Total CyanideDescription:9014 Cyanide, TotalClient:GEI ConsultantsDate:December 09, 2022

General Information:

10 samples were analyzed for EPA 9014 Total Cyanide by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 9010C with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

Sample: MW-C16	Lab ID: 7023	30003001	Collected: 09/19/2	22 11:00	Received: 09	9/20/22 10:30	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases	Analytical Meth	nod: RSK-1	75 Preparation Meth	od: RSk	(-175			
	Pace Analytica	l Services -	- Melville					
Methane, Dissolved	267	ug/L	215	215	09/28/22 13:02	09/29/22 12:1:	2 74-82-8	В
6010 MET ICP	Analytical Meth	nod: EPA 60	010C Preparation Me	ethod: El	PA 3005A			
	Pace Analytica	l Services -	- Melville					
ron	11600	ug/L	100	1	09/28/22 07:08	09/28/22 21:3	7439-89-6	
8270E MSSV PAH by SIM	Analytical Meth	nod: EPA 82	270E SIM Preparation	n Metho	d: EPA 3510C			
,	Pace Analytica							
Acenaphthene	16.4	ug/L	0.10	5	09/23/22 12:32	09/28/22 17:2	0 83-32-9	
Acenaphthylene	0.26	ug/L	0.020	1	09/23/22 12:32	09/27/22 20:1	4 208-96-8	
Anthracene	0.15	ug/L	0.020	1	09/23/22 12:32	09/27/22 20:1	4 120-12-7	
Benzo(a)anthracene	0.084	ug/L	0.020	1	09/23/22 12:32	09/27/22 20:1	4 56-55-3	
Benzo(a)pyrene	0.11	ug/L	0.020	1	09/23/22 12:32	09/27/22 20:1	4 50-32-8	
Benzo(b)fluoranthene	0.13	ug/L	0.020	1	09/23/22 12:32	09/27/22 20:1	4 205-99-2	
Benzo(g,h,i)perylene	0.11	ug/L	0.020	1	09/23/22 12:32	09/27/22 20:1	4 191-24-2	
Benzo(k)fluoranthene	0.055	ug/L	0.020	1	09/23/22 12:32	09/27/22 20:1	4 207-08-9	
Chrysene	0.12	ug/L	0.020	1	09/23/22 12:32	09/27/22 20:1	4 218-01-9	
Dibenz(a,h)anthracene	0.020	ug/L	0.020	1	09/23/22 12:32	09/27/22 20:1	4 53-70-3	
luoranthene	0.39	ug/L	0.020	1	09/23/22 12:32			
luorene	1.9	ug/L	0.020	1	09/23/22 12:32			
ndeno(1,2,3-cd)pyrene	0.075	ug/L	0.020	1	09/23/22 12:32			
laphthalene	0.11	ug/L	0.020	1	09/23/22 12:32			
Phenanthrene	0.80	ug/L	0.020	1	09/23/22 12:32			
Pyrene	0.60	ug/L	0.020	1	09/23/22 12:32			
Surrogates	0.00	ug/L	0.020	•	00/20/22 12:02	00/21/22 20.1	120 00 0	
Fluoranthene-d10 (S)	61	%	40-112	1	09/23/22 12:32	09/27/22 20:1	4 93951-69-0	
2-Methylnaphthalene-d10 (S)	38	%	44-146	1	09/23/22 12:32			S0,S8
260C Volatile Organics	Analytical Meth	nod: EPA 82	260C/5030C					
•	Pace Analytica							
Benzene	<1.0	ug/L	1.0	1		09/22/22 01:4	6 71-43-2	
Ethylbenzene	<1.0	ug/L	1.0	1		09/22/22 01:4	6 100-41-4	
Toluene	<1.0	ug/L	1.0	1		09/22/22 01:4	6 108-88-3	
(ylene (Total)	<3.0	ug/L	3.0	1		09/22/22 01:4	6 1330-20-7	
Surrogates		J						
,2-Dichloroethane-d4 (S)	91	%	81-122	1		09/22/22 01:4	6 17060-07-0	
-Bromofluorobenzene (S)	98	%	79-118	1		09/22/22 01:4	6 460-00-4	
Toluene-d8 (S)	92	%	82-122	1		09/22/22 01:4	6 2037-26-5	
2320B Alkalinity	Analytical Meth	nod: SM22	2320B					
-	Pace Analytica	I Services -	- Melville					
Alkalinity, Total as CaCO3	668	mg/L	1.0	1		09/22/22 12:1	1	



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

Sample: MW-C16	Lab ID: 70	230003001	Collected:	09/19/2	22 11:00	Received: 09	9/20/22 10:30	Matrix: Water	
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Me	thod: EPA 30	0.0						
	Pace Analytic	cal Services -	Melville						
Sulfate	774	mg/L		100	20		10/01/22 16:17	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Me	thod: EPA 35	3.2						
	Pace Analytic	al Services -	Melville						
Nitrate as N	<0.050	mg/L		0.050	1		09/20/22 22:23	14797-55-8	
Nitrate-Nitrite (as N)	<0.050	mg/L		0.050	1		09/20/22 22:23	3 7727-37-9	
353.2 Nitrogen, NO2	Analytical Me	thod: EPA 35	3.2						
	Pace Analytic	al Services -	Melville						
Nitrite as N	<0.050	mg/L		0.050	1		09/20/22 21:03	14797-65-0	
4500 Ammonia Water	Analytical Me Pace Analytic								
Nitrogen, Ammonia	0.73	mg/L		0.10	1		09/22/22 13:16	7664-41-7	
9014 Cyanide, Total	Analytical Me Pace Analytic		•	nide Pr	eparation	n Method: EPA 9	9010C		
Cyanide	<10.0	ug/L		10.0	1	09/22/22 14:55	09/22/22 19:28	57-12-5	



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

Sample: MW-13S	Lab ID: 7023	30003002	Collected: 09/19/2	22 11:00	Received: 09)/20/22 10:30	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases	Analytical Meth	od: RSK-1	75 Preparation Meth	od: RSk	(-175			
	Pace Analytical	Services -	Melville					
Methane, Dissolved	381	ug/L	215	215	09/28/22 13:02	09/29/22 12:25	5 74-82-8	В
6010 MET ICP	Analytical Meth	od: EPA 60	010C Preparation Me	ethod: El	PA 3005A			
	Pace Analytical							
ron	380	ug/L	100	1	09/28/22 07:08	09/28/22 21:33	3 7439-89-6	
3270E MSSV PAH by SIM	Analytical Meth	od: EPA 82	270E SIM Preparation	n Metho	d: EPA 3510C			
v	Pace Analytical							
Acenaphthene	<0.020	ug/L	0.020	1	09/23/22 12:32	09/27/22 20:44	4 83-32-9	
Acenaphthylene	<0.020	ug/L	0.020	1	09/23/22 12:32	09/27/22 20:44	4 208-96-8	
Anthracene	<0.020	ug/L	0.020	1	09/23/22 12:32	09/27/22 20:44	4 120-12-7	
Benzo(a)anthracene	<0.020	ug/L	0.020	1	09/23/22 12:32	09/27/22 20:44	4 56-55-3	
Benzo(a)pyrene	<0.020	ug/L	0.020	1	09/23/22 12:32	09/27/22 20:44	4 50-32-8	
Benzo(b)fluoranthene	<0.020	ug/L	0.020	1	09/23/22 12:32	09/27/22 20:44	4 205-99-2	
Benzo(g,h,i)perylene	<0.020	ug/L	0.020	1	09/23/22 12:32	09/27/22 20:44	4 191-24-2	
Benzo(k)fluoranthene	<0.020	ug/L	0.020	1	09/23/22 12:32	09/27/22 20:44	4 207-08-9	
Chrysene	<0.020	ug/L	0.020	1	09/23/22 12:32	09/27/22 20:44	4 218-01-9	
Dibenz(a,h)anthracene	<0.020	ug/L	0.020	1	09/23/22 12:32	09/27/22 20:44	4 53-70-3	
Fluoranthene	<0.020	ug/L	0.020	1	09/23/22 12:32	09/27/22 20:44	4 206-44-0	
luorene	<0.020	ug/L	0.020	1	09/23/22 12:32	09/27/22 20:44	4 86-73-7	
ndeno(1,2,3-cd)pyrene	<0.020	ug/L	0.020	1	09/23/22 12:32			
Naphthalene	<0.020	ug/L	0.020	1	09/23/22 12:32			
Phenanthrene	<0.020	ug/L	0.020	1	09/23/22 12:32			
Pyrene	<0.020	ug/L	0.020	1	09/23/22 12:32			
Surrogates	40.020	ug/ =	0.020	•	00/20/22 12:02	00/21/22 20:1	20 00 0	
Fluoranthene-d10 (S)	67	%	40-112	1	09/23/22 12:32	09/27/22 20:44	4 93951-69-0	
2-Methylnaphthalene-d10 (S)	44	%	44-146	1	09/23/22 12:32			
260C Volatile Organics	Analytical Meth	od: EPA 82	260C/5030C					
-	Pace Analytical	Services -	Melville					
Benzene	2.0	ug/L	1.0	1		09/22/22 02:05	5 71-43-2	
Ethylbenzene	1.8	ug/L	1.0	1		09/22/22 02:05	5 100-41-4	
Toluene	<1.0	ug/L	1.0	1		09/22/22 02:05	5 108-88-3	
(ylene (Total)	<3.0	ug/L	3.0	1		09/22/22 02:05	5 1330-20-7	
Surrogates		-						
,2-Dichloroethane-d4 (S)	91	%	81-122	1		09/22/22 02:05	5 17060-07-0	
-Bromofluorobenzene (S)	96	%	79-118	1		09/22/22 02:05	5 460-00-4	
Toluene-d8 (S)	92	%	82-122	1		09/22/22 02:05	5 2037-26-5	
2320B Alkalinity	Analytical Meth	od: SM22	2320B					
	Pace Analytical	Services -	Melville					
Alkalinity, Total as CaCO3	353	mg/L	1.0	1		09/22/22 12:28	3	
•		-						



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

Sample: MW-13S	Lab ID:	70230003002	Collected:	09/19/2	22 11:00	Received: (09/20/22 10:30	Matrix: Water	
Parameters	Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qua
300.0 IC Anions 28 Days	Analytical	Method: EPA 30	0.00						
	Pace Anal	ytical Services -	Melville						
Sulfate	34.0	6 mg/L		5.0	1		10/01/22 17:1	1 14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	•	Method: EPA 35 ytical Services -							
Nitrate as N	0.28	mg/L		0.050	1		09/20/22 22:2	8 14797-55-8	
Nitrate-Nitrite (as N)	0.29	mg/L		0.050	1		09/20/22 22:2	8 7727-37-9	
353.2 Nitrogen, NO2	•	Method: EPA 35 ytical Services -							
Nitrite as N	<0.050	mg/L		0.050	1		09/20/22 21:0	4 14797-65-0	
4500 Ammonia Water	•	Method: SM22 of the strain of							
Nitrogen, Ammonia	0.22	2 mg/L		0.10	1		09/22/22 13:1	7 7664-41-7	
9014 Cyanide, Total	•	Method: EPA 90 ytical Services -	•	nide Pr	eparatio	n Method: EPA	9010C		
Cyanide	<10.0	u g/L		10.0	1	09/22/22 14:5	5 09/22/22 19:2	9 57-12-5	



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

Sample: MW-24S	Lab ID: 7023	30003003	Collected: 09/20/2	22 07:55	Received: 09)/21/22 10:00	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases	Analytical Meth	od: RSK-1	75 Preparation Meth	od: RSk	(-175			
	Pace Analytical	Services -	Melville					
Methane, Dissolved	434	ug/L	86.0	86	09/28/22 13:02	09/29/22 12:37	7 74-82-8	В
6010 MET ICP	Analytical Meth	od: EPA 60	010C Preparation M	ethod: El	PA 3005A			
	Pace Analytical							
ron	1060	ug/L	100	1	09/28/22 07:08	09/28/22 21:48	3 7439-89-6	
8270E MSSV PAH by SIM	Analytical Meth	od: EPA 82	270E SIM Preparation	n Metho	d: EPA 3510C			
2. 02 moot 17 m by om	Pace Analytical							
Acenaphthene	<0.019	ug/L	0.019	1	09/26/22 12:38	09/26/22 22:38	83-32-9	
Acenaphthylene	<0.019	ug/L	0.019	1	09/26/22 12:38	09/26/22 22:38	3 208-96-8	
Anthracene	<0.019	ug/L	0.019	1	09/26/22 12:38	09/26/22 22:38	3 120-12-7	
Benzo(a)anthracene	<0.019	ug/L	0.019	1	09/26/22 12:38	09/26/22 22:38	3 56-55-3	
Benzo(a)pyrene	<0.019	ug/L	0.019	1	09/26/22 12:38	09/26/22 22:38	3 50-32-8	
Benzo(b)fluoranthene	<0.019	ug/L	0.019	1	09/26/22 12:38	09/26/22 22:38	3 205-99-2	
Benzo(g,h,i)perylene	<0.019	ug/L	0.019	1	09/26/22 12:38	09/26/22 22:38	3 191-24-2	
Benzo(k)fluoranthene	<0.019	ug/L	0.019	1	09/26/22 12:38	09/26/22 22:38	3 207-08-9	
Chrysene	<0.019	ug/L	0.019	1	09/26/22 12:38	09/26/22 22:38	3 218-01-9	
Dibenz(a,h)anthracene	<0.019	ug/L	0.019	1	09/26/22 12:38	09/26/22 22:38	3 53-70-3	
Fluoranthene	0.020	ug/L	0.019	1	09/26/22 12:38	09/26/22 22:38	3 206-44-0	
luorene	<0.019	ug/L	0.019	1	09/26/22 12:38	09/26/22 22:38	86-73-7	
ndeno(1,2,3-cd)pyrene	<0.019	ug/L	0.019	1	09/26/22 12:38			
Naphthalene	<0.019	ug/L	0.019	1	09/26/22 12:38			
Phenanthrene	<0.019	ug/L	0.019	1	09/26/22 12:38			
Pyrene	0.021	ug/L	0.019	1	09/26/22 12:38			
Surrogates	0.02.	ug/ =	0.010	•	00/20/22 12:00	00/20/22 22:00	120 00 0	
Fluoranthene-d10 (S)	79	%	40-112	1	09/26/22 12:38	09/26/22 22:38	3 93951-69-0	
2-Methylnaphthalene-d10 (S)	49	%	44-146	1	09/26/22 12:38			
260C Volatile Organics	Analytical Meth	od: EPA 82	260C/5030C					
	Pace Analytical	Services -	Melville					
Benzene	<1.0	ug/L	1.0	1		09/28/22 09:54	1 71-43-2	
Ethylbenzene	<1.0	ug/L	1.0	1		09/28/22 09:54	1 100-41-4	
Toluene	<1.0	ug/L	1.0	1		09/28/22 09:54	108-88-3	
(ylene (Total)	<3.0	ug/L	3.0	1		09/28/22 09:54	1330-20-7	
Surrogates		-						
,2-Dichloroethane-d4 (S)	114	%	81-122	1		09/28/22 09:54	17060-07-0	
-Bromofluorobenzene (S)	95	%	79-118	1		09/28/22 09:54	460-00-4	
Toluene-d8 (S)	96	%	82-122	1		09/28/22 09:54	2037-26-5	
2320B Alkalinity	Analytical Meth	od: SM22	2320B					
	Pace Analytical	Services -	Melville					
Alkalinity, Total as CaCO3	371	mg/L	1.0	1		09/26/22 12:31		
• • • • • • • • • • • • • • • • • • • •	-	9						



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

Sample: MW-24S	Lab ID:	70230003003	Collected:	09/20/2	22 07:55	Received: (09/21/22 10:00	Matrix: Water	
Parameters	Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qua
300.0 IC Anions 28 Days	Analytical I	Method: EPA 30	0.00						
	Pace Analy	tical Services -	Melville						
Sulfate	23.3	mg/L		5.0	1		09/28/22 21:5	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical I	Method: EPA 35	53.2						
	Pace Analy	tical Services -	Melville						
Nitrate as N	0.099	mg/L		0.050	1		09/22/22 07:42	2 14797-55-8	
Nitrate-Nitrite (as N)	0.10	mg/L		0.050	1		09/22/22 07:42	2 7727-37-9	
353.2 Nitrogen, NO2	Analytical I	Method: EPA 35	53.2						
	Pace Analy	tical Services -	Melville						
Nitrite as N	<0.050	mg/L		0.050	1		09/22/22 04:07	14797-65-0	
4500 Ammonia Water	Analytical I	Method: SM22	4500 NH3 H						
	Pace Analy	tical Services -	Melville						
Nitrogen, Ammonia	0.28	mg/L		0.10	1		09/26/22 13:43	3 7664-41-7	
9014 Cyanide, Total	Analytical I	Method: EPA 90	014 Total Cya	anide Pr	eparatio	n Method: EPA	9010C		
	Pace Analy	tical Services -	Melville						
Cyanide	<10.0	ug/L		10.0	1	10/03/22 18:1	0 10/03/22 19:54	1 57-12-5	



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

Sample: MW-C11	Lab ID: 702	30003004	Collected: 09/20/2	22 08:30	Received: 09)/21/22 10:00	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases	Analytical Meth	nod: RSK-1	75 Preparation Meth	od: RSk	(-175			
	Pace Analytica	l Services -	Melville					
Methane, Dissolved	264	ug/L	86.0	86	09/28/22 13:02	09/29/22 12:56	6 74-82-8	В
6010 MET ICP	Analytical Meth	nod: EPA 60	010C Preparation Me	ethod: El	PA 3005A			
	Pace Analytica	l Services -	Melville					
ron	2040	ug/L	100	1	09/28/22 07:08	09/28/22 21:5	1 7439-89-6	
3270E MSSV PAH by SIM	Analytical Meth	nod: EPA 82	270E SIM Preparation	n Metho	d: EPA 3510C			
	Pace Analytica		•					
Acenaphthene	0.59	ug/L	0.021	1	09/23/22 12:32	09/27/22 23:16	83-32-9	
Acenaphthylene	0.10	ug/L	0.021	1	09/23/22 12:32	09/27/22 23:16	6 208-96-8	R1
Anthracene	<0.021	ug/L	0.021	1	09/23/22 12:32	09/27/22 23:16	3 120-12-7	R1
Benzo(a)anthracene	<0.021	ug/L	0.021	1	09/23/22 12:32	09/27/22 23:16	5 56-55-3	R1
Benzo(a)pyrene	0.021	ug/L	0.021	1	09/23/22 12:32	09/27/22 23:16	5 50-32-8	R1
Benzo(b)fluoranthene	0.022	ug/L	0.021	1	09/23/22 12:32	09/27/22 23:16	3 205-99-2	
Benzo(g,h,i)perylene	0.028	ug/L	0.021	1	09/23/22 12:32	09/27/22 23:16	5 191-24-2	
Benzo(k)fluoranthene	0.024	ug/L	0.021	1	09/23/22 12:32	09/27/22 23:16	6 207-08-9	
Chrysene	<0.021	ug/L	0.021	1	09/23/22 12:32	09/27/22 23:16	5 218-01-9	
Dibenz(a,h)anthracene	0.023	ug/L	0.021	1	09/23/22 12:32	09/27/22 23:16	5 53-70-3	
luoranthene	0.027	ug/L	0.021	1	09/23/22 12:32	09/27/22 23:16	6 206-44-0	R1
luorene	0.021	ug/L	0.021	1	09/23/22 12:32	09/27/22 23:16	86-73-7	R1
ndeno(1,2,3-cd)pyrene	0.027	ug/L	0.021	1	09/23/22 12:32	09/27/22 23:16	5 193-39-5	
Naphthalene	<0.021	ug/L	0.021	1	09/23/22 12:32	09/27/22 23:16	91-20-3	R1
Phenanthrene	<0.021	ug/L	0.021	1	09/23/22 12:32	09/27/22 23:16	85-01-8	R1
Pyrene	0.045	ug/L	0.021	1	09/23/22 12:32	09/27/22 23:16	5 129-00-0	
Surrogates		•						
Fluoranthene-d10 (S)	72	%	40-112	1	09/23/22 12:32	09/27/22 23:16	93951-69-0	
2-Methylnaphthalene-d10 (S)	57	%	44-146	1	09/23/22 12:32	09/27/22 23:16	7297-45-2	
3260C Volatile Organics	Analytical Meth	nod: EPA 82	260C/5030C					
	Pace Analytica	l Services -	Melville					
Benzene	<1.0	ug/L	1.0	1		09/28/22 10:47	7 71-43-2	
Ethylbenzene	<1.0	ug/L	1.0	1		09/28/22 10:47	7 100-41-4	
Toluene	<1.0	ug/L	1.0	1		09/28/22 10:47	7 108-88-3	M1
(ylene (Total)	<3.0	ug/L	3.0	1		09/28/22 10:47	7 1330-20-7	
Surrogates		-						
,2-Dichloroethane-d4 (S)	89	%	81-122	1		09/28/22 10:47	7 17060-07-0	
4-Bromofluorobenzene (S)	106	%	79-118	1		09/28/22 10:47	7 460-00-4	
Toluene-d8 (S)	90	%	82-122	1		09/28/22 10:47	7 2037-26-5	
2320B Alkalinity	Analytical Meth	nod: SM22	2320B					
	Pace Analytica	l Services -	Melville					
Alkalinity, Total as CaCO3	330	mg/L	1.0	1		09/26/22 12:47	7	M1
		-						



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

Sample: MW-C11	Lab ID: 70	230003004	Collected: 09/20	/22 08:30	Received: 09	9/21/22 10:00 N	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Me	thod: EPA 30	0.0					
	Pace Analytic	al Services -	Melville					
Sulfate	67.2	mg/L	5.0	1		09/28/22 22:05	14808-79-8	M1
353.2 Nitrogen, NO2/NO3 unpres	Analytical Me	thod: EPA 35	3.2					
	Pace Analytic	al Services -	Melville					
Nitrate as N	<0.050	mg/L	0.050	1		09/22/22 07:00	14797-55-8	
Nitrate-Nitrite (as N)	<0.050	mg/L	0.050	1		09/22/22 07:00	7727-37-9	
353.2 Nitrogen, NO2	Analytical Me	thod: EPA 35	3.2					
	Pace Analytic	al Services -	Melville					
Nitrite as N	<0.050	mg/L	0.050	1		09/22/22 04:20	14797-65-0	
4500 Ammonia Water	Analytical Me	thod: SM22 4	500 NH3 H					
	Pace Analytic	al Services -	Melville					
Nitrogen, Ammonia	0.43	mg/L	0.10	1		09/26/22 13:44	7664-41-7	
9014 Cyanide, Total	Analytical Me Pace Analytic		14 Total Cyanide F Melville	reparatio [°]	n Method: EPA 9	9010C		
Cyanide	10.2	ug/L	10.0	1	10/03/22 18:10	10/03/22 19:54	57-12-5	



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

Analytical Method: RSK-175 Preparation Method: RSK-175 Pace Analytical Services - Metville sthane, Dissolved 680 ug/L 86.0 86 09/28/22 13:02 09/29/22 13:16 74-82-8 10 MET ICP	Sample: MW-C12	Lab ID: 7023	30003005	Collected: 09/20/2	22 09:30	Received: 09)/21/22 10:00	Matrix: Water	
### athane, Dissolved Face Analytical Services - Melville	Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
### athane, Dissolved Face Analytical Services - Melville	RSK 175 Dissolved Gases	Analytical Meth	nod: RSK-1	75 Preparation Meth	od: RSk	(-175			
10 MET ICP		Pace Analytical	l Services -	Melville					
Pace Analytical Services - Melville 1470	Methane, Dissolved	680	ug/L	86.0	86	09/28/22 13:02	09/29/22 13:1	6 74-82-8	
Pace Analytical Services - Melville 1470	6010 MET ICP	Analytical Meth	nod: EPA 60	010C Preparation Me	ethod: El	PA 3005A			
Analytical Method: EPA 8270E SIM Preparation Method: EPA 3510C Pace Analytical Services - Melville enaphthene 76.1 ug/L 0.42 20 09/23/22 12:32 09/28/22 17:50 83-32-9 enaphthylene 0.70 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 208-96-8 thracene 0.060 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 208-96-8 thracene 0.025 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 208-96-8 thracene 0.025 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 50-32-8 mozo(a)pyrene 0.021 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 50-32-8 mozo(b)fluoranthene 0.024 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 205-99-2 mozo(b)fluoranthene 0.024 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 205-99-2 mozo(b)fluoranthene 0.025 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 205-99-2 mozo(b)fluoranthene 0.024 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 205-99-2 mozo(b)fluoranthene 0.024 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 205-99-2 mozo(b)fluoranthene 0.024 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 218-01-9 morene 0.024 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 218-01-9 morene 0.021 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 218-01-9 morene 0.023 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 218-01-9 morene 0.048 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 193-95- phthalene 0.048 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 193-95- phthalene 0.048 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 193-09-0 morene 0.049 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 193-09-0 morene 0.048 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 193-09-0 morene 0.049 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 193-09-0 morene 0.048 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 193-09-0 morene 0.048 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 193-09-0 morene 0.049 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 193-09-0 morene 0.048 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 193-09-0 morene 0.048 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 193-09-0 morene 0.049 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 193-09-0 morene 0.049 ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 193-09-0 morene 0.049 ug/L 0.021 1 0		-							
Pace Analytical Services - Melville enaphthene	ron	1470	ug/L	100	1	09/28/22 07:08	09/28/22 22:0	5 7439-89-6	
Pace Analytical Services - Melville enaphthene	8270E MSSV PAH by SIM	Analytical Meth	nod: EPA 82	270E SIM Preparation	n Metho	d: EPA 3510C			
enaphthylene	·								
enaphthylene	Acenaphthene	76.1	ug/L	0.42	20	09/23/22 12:32	09/28/22 17:5	0 83-32-9	
	Acenaphthylene	0.70	ug/L	0.021	1	09/23/22 12:32	09/28/22 18:5	1 208-96-8	
	Anthracene	0.060		0.021	1	09/23/22 12:32	09/28/22 18:5	1 120-12-7	
	Benzo(a)anthracene	0.025		0.021	1	09/23/22 12:32	09/28/22 18:5	1 56-55-3	
Inzo(g,h,i)perylene	Benzo(a)pyrene	0.021	ug/L	0.021	1	09/23/22 12:32	09/28/22 18:5	1 50-32-8	
Inzo(g,h,i)perylene		0.024	-	0.021	1	09/23/22 12:32	09/28/22 18:5	1 205-99-2	
		0.025	-	0.021	1	09/23/22 12:32	09/28/22 18:5	1 191-24-2	
1			-		1				
Denz(a,h)anthracene 0.021 Ug/L 0.021 1 09/23/22 12:32 09/28/22 18:51 53-70-3	Chrysene		-		1				
Document	•		-			09/23/22 12:32	09/28/22 18:5	1 53-70-3	
Supplement Sup			-						
deno(1,2,3-cd)pyrene	Fluorene		-						
phthalene			_		-				
Nemanthrene			_						
rene	•		-						
Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville 1.09/23/22 12:32 09/28/22 18:51 93951-69-0 99/28/22 18:51 7297-45-2 99/28/22 18:51 7297-45-2 99/28/22 18:51 7297-45-2 99/28/22 18:51 7297-45-2 99/28/22 18:51 7297-45-2 99/28/22 18:51 7297-45-2 99/28/22 11:06 71-43-2 99/28/22 11:06 71-43-2 99/28/22 11:06 100-41-4 99/28/22 11:06 100-41-4 99/28/22 11:06 108-88-3 99/28/22 11:06 1330-20-7 99/28/22 11:06 1330-20-7 99/28/22 11:06 1330-20-7 99/28/22 11:06 109/28/22 11:06 109/28/22 11:06 99/28/22 11:06 1330-20-7 99/28/28/28/28/28/28/28/28/28/28/28/28/28/			-						
### April		0.042	ug/L	0.021	'	09/23/22 12.32	09/20/22 10.5	1 129-00-0	
Methylnaphthalene-d10 (S) 54 % 44-146 1 09/23/22 12:32 09/28/22 18:51 7297-45-2 Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville Table 1.5 ug/L 1.0 1 09/28/22 11:06 71-43-2 Analytical Method: Sug/L 1.0 1 09/28/22 11:06 100-41-4 Analytical Method: Sug/L 1.0 1 09/28/22 11:06 100-41-4 Analytical Method: Sug/L 3.0 1 09/28/22 11:06 108-88-3 Analytical Method: Sug/L 3.0 1 09/28/22 11:06 1330-20-7 Analytical Method: Sug/L 3.0 1 09/28/22 11:06 17060-07-0 Analytical Method: Sug/L 3.0 1 09/28/22 11:06 2037-26-5 Analytical Method: Sug/L 3.0 1 09/28/22 11:06 2037-26-5 Analytical Method: Sug/L 3.0 1 09/28/22 11:06 2037-26-5	•	73	%	40-112	1	09/23/22 12:32	09/28/22 18:5	1 93951-69-0	
Pace Analytical Services - Melville Inzene 1.5 ug/L 1.0 1 09/28/22 11:06 71-43-2 Inylbenzene 4.1.0 ug/L 1.0 1 09/28/22 11:06 100-41-4 Iduene 4.1.0 ug/L 1.0 1 09/28/22 11:06 108-88-3 Idene (Total) 4.3.0 ug/L 3.0 1 09/28/22 11:06 1330-20-7 Introgates Introgates Introduction (S) 116 % 81-122 1 09/28/22 11:06 17060-07-0 Introgates (S) 97 % 79-118 1 09/28/22 11:06 460-00-4 Iduene-d8 (S) 94 % 82-122 1 09/28/22 11:06 2037-26-5 Iduene-d8 (S) Analytical Method: SM22 2320B Introduction (S) Pace Analytical Services - Melville	2-Methylnaphthalene-d10 (S)								
Pace Analytical Services - Melville Inzene 1.5 ug/L 1.0 1 09/28/22 11:06 71-43-2 Inylbenzene 4.1.0 ug/L 1.0 1 09/28/22 11:06 100-41-4 Iduene 4.1.0 ug/L 1.0 1 09/28/22 11:06 108-88-3 Idene (Total) 4.3.0 ug/L 3.0 1 09/28/22 11:06 1330-20-7 Introgates Introgates Introduction (S) 116 % 81-122 1 09/28/22 11:06 17060-07-0 Introgates (S) 97 % 79-118 1 09/28/22 11:06 460-00-4 Iduene-d8 (S) 94 % 82-122 1 09/28/22 11:06 2037-26-5 Iduene-d8 (S) Analytical Method: SM22 2320B Introduction (S) Pace Analytical Services - Melville	3260C Volatile Organics	Analytical Meth	nod: EPA 82	260C/5030C					
Analytical Method: SM22 2320B Pace Analytical Services - Melville 1.0	-	Pace Analytical	l Services -	Melville					
Variable	Benzene	1.5	ug/L	1.0	1		09/28/22 11:00	6 71-43-2	
Livene	Ethylbenzene	<1.0	-	1.0	1		09/28/22 11:00	6 100-41-4	
Index	Toluene	<1.0	-	1.0	1		09/28/22 11:00	6 108-88-3	
Progrates 2-Dichloroethane-d4 (S) 116 % 81-122 1 09/28/22 11:06 17060-07-0 Bromofluorobenzene (S) 97 % 79-118 1 09/28/22 11:06 460-00-4 Iluene-d8 (S) 94 % 82-122 1 09/28/22 11:06 2037-26-5 20B Alkalinity Analytical Method: SM22 2320B Pace Analytical Services - Melville	(ylene (Total)	<3.0	•	3.0	1		09/28/22 11:00	6 1330-20-7	
2-Dichloroethane-d4 (S) 116 % 81-122 1 09/28/22 11:06 17060-07-0 39 and 30 and	Surrogates		3	,,,,				-	
Juene-d8 (S) 94 % 82-122 1 09/28/22 11:06 2037-26-5 20B Alkalinity Analytical Method: SM22 2320B Pace Analytical Services - Melville	1,2-Dichloroethane-d4 (S)	116	%	81-122	1		09/28/22 11:00	6 17060-07-0	
Juene-d8 (S) 94 % 82-122 1 09/28/22 11:06 2037-26-5 20B Alkalinity Analytical Method: SM22 2320B Pace Analytical Services - Melville	4-Bromofluorobenzene (S)	97	%	79-118	1		09/28/22 11:00	6 460-00-4	
Pace Analytical Services - Melville	Toluene-d8 (S)	94	%	82-122	1		09/28/22 11:00	6 2037-26-5	
Pace Analytical Services - Melville	2320B Alkalinity	Analytical Meth	nod: SM22	2320B					
calinity, Total as CaCO3 564 mg/L 1.0 1 09/26/22 13:57	-	Pace Analytical	l Services -	Melville					
,,	Alkalinity, Total as CaCO3	564	mg/L	1.0	1		09/26/22 13:5	7	



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

Sample: MW-C12	Lab ID:	70230003005	Collected:	09/20/2	2 09:30	Received: (09/21/22 10:00	Matrix: Water	
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical N	Method: EPA 30	0.00						
	Pace Analy	tical Services -	Melville						
Sulfate	91.7	mg/L		5.0	1		09/28/22 22:40	6 14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical N	Method: EPA 35	53.2						
	Pace Analy	tical Services -	Melville						
Nitrate as N	<0.050	mg/L		0.050	1		09/22/22 07:13	3 14797-55-8	
Nitrate-Nitrite (as N)	<0.050	mg/L		0.050	1		09/22/22 07:13	3 7727-37-9	
353.2 Nitrogen, NO2	Analytical N	Лethod: EPA 35	53.2						
	Pace Analy	tical Services -	Melville						
Nitrite as N	<0.050	mg/L		0.050	1		09/22/22 04:0	8 14797-65-0	
4500 Ammonia Water	•	Method: SM22 detical Services -							
Nitrogen, Ammonia	2.6	mg/L		0.10	1		09/26/22 13:48	8 7664-41-7	
9014 Cyanide, Total	-	Method: EPA 90 tical Services -	-	nide Pr	eparatior	n Method: EPA	9010C		
Cyanide	<10.0	ug/L		10.0	1	10/03/22 18:1	0 10/03/22 19:5	7 57-12-5	



Project: NYSEG-ITHICA COURT STREET PROJ

Date: 12/09/2022 01:59 PM

Pace Project No.: 70230003								
Sample: DUP	Lab ID: 702	30003006	Collected: 09/20/2	2 09:30	Received: 09)/21/22 10:00 N	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 Dissolved Gases	Analytical Metl	hod: RSK-1	75 Preparation Meth	od: RSk	(-175			
	Pace Analytica	al Services -	Melville					
Methane, Dissolved	852	ug/L	86.0	86	09/28/22 13:02	09/29/22 13:35	74-82-8	
6010 MET ICP	Analytical Met	hod: EPA 60	010C Preparation Me	thod: E	PA 3005A			
	Pace Analytica							
ron	1520	ug/L	100	1	09/28/22 07:08	09/28/22 22:08	7439-89-6	
8270E MSSV PAH by SIM	Analytical Met	hod: FPA 82	270E SIM Preparatio	n Metho	od: EPA 3510C			
2702 moov i Air by om	Pace Analytica		•		.a. 217100100			
Acenaphthene	78.9	ug/L	0.41	20	09/23/22 12:32	09/28/22 18:20	83-32-9	
Acenaphthylene	0.75	ug/L	0.020	1		09/28/22 19:21		
Anthracene	0.052	ug/L	0.020	1	09/23/22 12:32	09/28/22 19:21	120-12-7	
Benzo(a)anthracene	<0.020	ug/L	0.020	1	09/23/22 12:32	09/28/22 19:21	56-55-3	
Benzo(a)pyrene	<0.020	ug/L	0.020	1	09/23/22 12:32	09/28/22 19:21	50-32-8	
Benzo(b)fluoranthene	<0.020	ug/L	0.020	1	09/23/22 12:32	09/28/22 19:21	205-99-2	
Benzo(g,h,i)perylene	<0.020	ug/L	0.020	1	09/23/22 12:32	09/28/22 19:21	191-24-2	
Benzo(k)fluoranthene	<0.020	ug/L	0.020	1	09/23/22 12:32	09/28/22 19:21	207-08-9	
Chrysene	<0.020	ug/L	0.020	1	09/23/22 12:32	09/28/22 19:21	218-01-9	
Dibenz(a,h)anthracene	<0.020	ug/L	0.020	1	09/23/22 12:32	09/28/22 19:21	53-70-3	
Fluoranthene	0.021	ug/L	0.020	1		09/28/22 19:21		
Fluorene	9.8	ug/L	0.41	20	09/23/22 12:32	09/28/22 18:20	86-73-7	
ndeno(1,2,3-cd)pyrene	<0.020	ug/L	0.020	1	09/23/22 12:32	09/28/22 19:21	193-39-5	
Naphthalene	0.051	ug/L	0.020	1		09/28/22 19:21		
Phenanthrene	0.35	ug/L	0.020	1		09/28/22 19:21		
Pyrene	0.024	ug/L	0.020	1		09/28/22 19:21		
Surrogates		-3-		•				
Fluoranthene-d10 (S)	71	%	40-112	1	09/23/22 12:32	09/28/22 19:21	93951-69-0	
2-Methylnaphthalene-d10 (S)	55	%	44-146	1	09/23/22 12:32	09/28/22 19:21	7297-45-2	
3260C Volatile Organics	Analytical Metl	hod: EPA 82	260C/5030C					
	Pace Analytica	al Services -	Melville					
Benzene	2.4	ug/L	1.0	1		09/28/22 11:25	71-43-2	
Ethylbenzene	<1.0	ug/L	1.0	1		09/28/22 11:25	100-41-4	
Toluene	<1.0	ug/L	1.0	1		09/28/22 11:25	108-88-3	
Xylene (Total)	<3.0	ug/L	3.0	1		09/28/22 11:25	1330-20-7	
Surrogates		ŭ						
1,2-Dichloroethane-d4 (S)	111	%	81-122	1		09/28/22 11:25	17060-07-0	
4-Bromofluorobenzene (S)	98	%	79-118	1		09/28/22 11:25	460-00-4	
Toluene-d8 (S)	94	%	82-122	1		09/28/22 11:25	2037-26-5	
2320B Alkalinity	Analytical Met	hod: SM22	2320B					
	Pace Analytica	al Services -	Melville					
Alkalinity, Total as CaCO3	529	mg/L	1.0	1		09/26/22 14:19)	
· · · · · · · · · · · · · · · · · · ·		9						



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

Sample: DUP	Lab ID:	70230003006	Collected:	09/20/2	22 09:30	Received: (09/21/22 10:00	Matrix: Water	
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical N	Method: EPA 30	0.00						
	Pace Analy	tical Services -	Melville						
Sulfate	83.3	mg/L		5.0	1		09/28/22 22:59	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical M	Method: EPA 35	53.2						
	Pace Analy	tical Services -	Melville						
Nitrate as N	<0.050	mg/L		0.050	1		09/22/22 07:14	1 14797-55-8	
Nitrate-Nitrite (as N)	<0.050	mg/L		0.050	1		09/22/22 07:14	7727-37-9	
353.2 Nitrogen, NO2	Analytical N	Method: EPA 35	53.2						
	Pace Analy	tical Services -	Melville						
Nitrite as N	<0.050	mg/L		0.050	1		09/22/22 04:10	14797-65-0	
4500 Ammonia Water	•	Method: SM22							
Nitrogen, Ammonia	2.2	e mg/L		0.10	1		09/26/22 13:52	2 7664-41-7	
9014 Cyanide, Total	-	Method: EPA 90 rtical Services -	_	nide Pr	eparation	n Method: EPA	9010C		
Cyanide	11.8	ug/L		10.0	1	10/03/22 18:1	0 10/03/22 19:58	3 57-12-5	



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

Sample: MW-45S	Lab ID: 702	30003007	Collected: 09/20/2	2 11:45	Received: 09	0/21/22 10:00 I	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases	Analytical Meth	nod: RSK-1	75 Preparation Meth	od: RSk	(-175			
	Pace Analytica	l Services -	Melville					
Methane, Dissolved	1630	ug/L	86.0	86	09/28/22 13:02	09/29/22 13:45	74-82-8	
6010 MET ICP	Analytical Meth	nnd: FPA 60	010C Preparation Me	thod: F	PA 3005A			
OUTO MILITION	Pace Analytica		•	illou. Li	1 A 3000A			
Iron	-			1	00/29/22 07:09	00/29/22 22:47	7 7420 90 6	
Iron	17300	ug/L	100	1	09/28/22 07:08	09/26/22 22.17	7439-69-6	
8270E MSSV PAH by SIM	•		270E SIM Preparation	n Metho	d: EPA 3510C			
	Pace Analytica	I Services -	Melville					
Acenaphthene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/26/22 23:09	83-32-9	
Acenaphthylene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/26/22 23:09	208-96-8	
Anthracene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/26/22 23:09	120-12-7	
Benzo(a)anthracene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/26/22 23:09	56-55-3	
Benzo(a)pyrene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/26/22 23:09	50-32-8	
Benzo(b)fluoranthene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/26/22 23:09	205-99-2	
Benzo(g,h,i)perylene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/26/22 23:09	191-24-2	
Benzo(k)fluoranthene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/26/22 23:09	207-08-9	
Chrysene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/26/22 23:09	218-01-9	
Dibenz(a,h)anthracene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/26/22 23:09	53-70-3	
Fluoranthene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/26/22 23:09	206-44-0	
Fluorene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/26/22 23:09	86-73-7	
ndeno(1,2,3-cd)pyrene	<0.020	ug/L	0.020	1	09/26/22 12:38			
Naphthalene	0.040	ug/L	0.020	1	09/26/22 12:38			
Phenanthrene	<0.020	ug/L	0.020	1	09/26/22 12:38			
Pyrene	<0.020	ug/L	0.020	1	09/26/22 12:38			
Surrogates	10.020	~g/ -	0.020	-	00/20/22 12:00	00,20,22 20.00		
Fluoranthene-d10 (S)	68	%	40-112	1	09/26/22 12:38	09/26/22 23:09	93951-69-0	
2-Methylnaphthalene-d10 (S)	44	%	44-146	1	09/26/22 12:38	09/26/22 23:09	7297-45-2	
8260C Volatile Organics	Analytical Meth	nod: EPA 82	260C/5030C					
•	Pace Analytica	l Services -	Melville					
Benzene	<1.0	ug/L	1.0	1		09/28/22 11:44	71-43-2	
Ethylbenzene	<1.0	ug/L	1.0	1		09/28/22 11:44	100-41-4	
Toluene	<1.0	ug/L	1.0	1		09/28/22 11:44	108-88-3	
Xylene (Total)	<3.0	ug/L	3.0	1		09/28/22 11:44		
Surrogates		J						
1,2-Dichloroethane-d4 (S)	114	%	81-122	1		09/28/22 11:44	17060-07-0	
4-Bromofluorobenzene (S)	94	%	79-118	1		09/28/22 11:44	460-00-4	
Toluene-d8 (S)	93	%	82-122	1		09/28/22 11:44	2037-26-5	
2320B Alkalinity	Analytical Meth	nod: SM22 2	2320B					
	Pace Analytica	l Services -	Melville					
Alkalinity, Total as CaCO3	390	mg/L	1.0	1		09/26/22 14:37	•	



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

Sample: MW-45S	Lab ID: 7	70230003007	Collected:	09/20/2	22 11:45	Received:	09/21/22 10:00	Matrix: Water	
Parameters	Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qua
300.0 IC Anions 28 Days	Analytical N	Nethod: EPA 30	0.00						
	Pace Analy	tical Services -	Melville						
Sulfate	<5.0	mg/L		5.0	1		09/28/22 23:54	4 14808-79-8	В
353.2 Nitrogen, NO2/NO3 unpres	Analytical N	Method: EPA 35	53.2						
	Pace Analy	tical Services -	Melville						
Nitrate as N	<0.050	mg/L		0.050	1		09/22/22 07:49	9 14797-55-8	
Nitrate-Nitrite (as N)	<0.050	mg/L		0.050	1		09/22/22 07:49	9 7727-37-9	
353.2 Nitrogen, NO2	Analytical N	Nethod: EPA 35	53.2						
	Pace Analy	tical Services -	Melville						
Nitrite as N	<0.050	mg/L		0.050	1		09/22/22 04:17	1 14797-65-0	
4500 Ammonia Water	Analytical N	Method: SM22	4500 NH3 H						
	Pace Analy	tical Services -	Melville						
Nitrogen, Ammonia	2.7	mg/L		0.10	1		09/26/22 13:55	5 7664-41-7	
9014 Cyanide, Total	Analytical N	/lethod: EPA 90	014 Total Cya	anide Pr	eparatio	n Method: EPA	9010C		
	Pace Analy	tical Services -	Melville						
Cyanide	<10.0	ug/L		10.0	1	10/03/22 18:1	0 10/03/22 19:59	9 57-12-5	



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

Analytical Method: RSK-175 Preparation Method: RSK-175 Prace Analytical Services - Melville	Sample: MW-40	Lab ID: 7023	30003008	Collected: 09/20/2	22 13:00	Received: 09	9/21/22 10:00	Matrix: Water	
Methane, Dissolved 1090	Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
Methane, Dissolved 1090 109	RSK 175 Dissolved Gases	Analytical Meth	od: RSK-1	75 Preparation Meth	nod: RSk	(-175			
Analytical Method: EPA 6010C Preparation Method: EPA 3005A Pace Analytical Services - Metville 12800 ug/L 100 1 09/28/22 07:08 09/28/22 22:20 7439-89-6 3270E MSSV PAH by SIM Analytical Method: EPA 8270E SIM Preparation Method: EPA 3510C Pace Analytical Services - Metville Acenaphthene 4.0.020 ug/L 0.020 1 09/26/22 12:38 09/26/22 23:39 83-32-9 Acenaphthylene 4.0.020 ug/L 0.020 1 09/26/22 12:38 09/26/22 23:39 208-96-8 Anthracene 4.0.020 ug/L 0.020 1 09/26/22 12:38 09/26/22 23:39 208-96-8 Anthracene 4.0.020 ug/L 0.020 1 09/26/22 12:38 09/26/22 33:39 120-12-7 Benzo(a)phrene 4.0.020 ug/L 0.020 1 09/26/22 12:38 09/26/22 33:39 56-55-3 Benzo(a)phrene 4.0.020 ug/L 0.020 1 09/26/22 12:38 09/26/22 33:39 50-59-2 Benzo(a)phrene 4.0.020 ug/L 0.020 1 09/26/22 12:38 09/26/22 33:39 50-68-53 Benzo(a)phrene 4.0.020 ug/L 0.020 1 09/26/22 12:38 09/26/22 33:39 50-69-2 Benzo(a)hi)perylene 4.0.020 ug/L 0.020 1 09/26/22 12:38 09/26/22 23:39 50-68-53 Benzo(a)hi)perylene 4.0.020 ug/L 0.020 1 09/26/22 12:38 09/26/22 23:39 120-124-2 Benzo(a)hi)perylene 4.0.020 ug/L 0.020 1 09/26/22 12:38 09/26/22 23:39 120-124-2 Benzo(a)hi)perylene 4.0.020 ug/L 0.020 1 09/26/22 12:38 09/26/22 23:39 120-02-02-02-02-02-02-02-02-02-02-02-02-0		Pace Analytical	Services -	Melville					
Pace Analytical Services - Melville 100	Methane, Dissolved	1090	ug/L	86.0	86	09/28/22 13:02	09/29/22 13:54	4 74-82-8	
Pace Analytical Services - Melville 100	6010 MET ICP	Analytical Meth	od: EPA 60	010C Preparation Me	ethod: E	PA 3005A			
Acenaphthene		•		•					
Acenaphthene	Iron	12800	ug/L	100	1	09/28/22 07:08	09/28/22 22:20	7439-89-6	
Acenaphthene	8270E MSSV PAH by SIM	Analytical Meth	od: EPA 82	270E SIM Preparation	n Metho	od: EPA 3510C			
Acenaphthylene									
Acenaphthylene	Acenaphthene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/26/22 23:39	9 83-32-9	
Anthracene	•	<0.020	-	0.020	1	09/26/22 12:38	09/26/22 23:39	9 208-96-8	
Benzo(a)anthracene	Anthracene	<0.020		0.020	1	09/26/22 12:38	09/26/22 23:39	9 120-12-7	
Benzo(b) Iuoranthene	Benzo(a)anthracene	<0.020		0.020	1	09/26/22 12:38	09/26/22 23:39	9 56-55-3	
Senzo(g,h,i)perylene	Benzo(a)pyrene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/26/22 23:39	9 50-32-8	
Senzo(g,h,i)perylene	Benzo(b)fluoranthene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/26/22 23:39	9 205-99-2	
Senzo(k)fluoranthene	* *	<0.020	•	0.020	1	09/26/22 12:38	09/26/22 23:39	9 191-24-2	
Chrysene			•						
Dibenz(a,h)anthracene			-		1				
Fluoranthene	•		•						
Column C			•						
Nage			-						
Apaphthalene			-						
Chenanthrene			-						
Pyrene	•		•						
Surrogates Fluoranthene-d10 (S) 80 % 40-112 1 09/26/22 12:38 09/26/22 23:39 93951-69-0 2-Methylnaphthalene-d10 (S) 49 % 44-146 1 09/26/22 12:38 09/26/22 23:39 7297-45-2 8260C Volatile Organics Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville Senzene			•						
Fluoranthene-d10 (S) 80 % 40-112 1 09/26/22 12:38 09/26/22 23:39 93951-69-0 2-Methylnaphthalene-d10 (S) 49 % 44-146 1 09/26/22 12:38 09/26/22 23:39 7297-45-2 Bactor Volatile Organics Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville Benzene <	•	<0.020	ug/L	0.020	'	09/20/22 12.30	09/20/22 23.33	129-00-0	
2-Methylnaphthalene-d10 (S) 49 % 44-146 1 09/26/22 12:38 09/26/22 23:39 7297-45-2 Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville Senzene Senzene <1.0		80	%	40-112	1	09/26/22 12:38	09/26/22 23:39	9 93951-69-0	
Pace Analytical Services - Melville Senzene				_					
Senzene	3260C Volatile Organics	Analytical Meth	od: EPA 82	260C/5030C					
Ethylbenzene	_	Pace Analytical	Services -	Melville					
Toluene Coluene Colu	Benzene	<1.0	ug/L	1.0	1		09/28/22 12:03	3 71-43-2	
Toluene	Ethylbenzene	<1.0	ug/L	1.0	1		09/28/22 12:03	3 100-41-4	
Xylene (Total) <3.0 ug/L 3.0 1 09/28/22 12:03 1330-20-7 Surrogates 1,2-Dichloroethane-d4 (S) 113 % 81-122 1 09/28/22 12:03 17060-07-0 4-Bromofluorobenzene (S) 97 % 79-118 1 09/28/22 12:03 460-00-4 Toluene-d8 (S) 95 % 82-122 1 09/28/22 12:03 2037-26-5 2320B Alkalinity Analytical Method: SM22 2320B Pace Analytical Services - Melville	Toluene	<1.0	ug/L	1.0	1		09/28/22 12:03	3 108-88-3	
Surrogates 1,2-Dichloroethane-d4 (S) 113 % 81-122 1 09/28/22 12:03 17060-07-0 4-Bromofluorobenzene (S) 97 % 79-118 1 09/28/22 12:03 460-00-4 Toluene-d8 (S) 95 % 82-122 1 09/28/22 12:03 2037-26-5 2320B Alkalinity Analytical Method: SM22 2320B Pace Analytical Services - Melville		<3.0	-	3.0	1		09/28/22 12:03	3 1330-20-7	
1,2-Dichloroethane-d4 (S) 113 % 81-122 1 09/28/22 12:03 17060-07-0 4-Bromofluorobenzene (S) 97 % 79-118 1 09/28/22 12:03 460-00-4 Foluene-d8 (S) 95 % 82-122 1 09/28/22 12:03 2037-26-5 2320B Alkalinity Analytical Method: SM22 2320B Pace Analytical Services - Melville	Surrogates		J						
Toluene-d8 (S) 95 % 82-122 1 09/28/22 12:03 2037-26-5 2320B Alkalinity Analytical Method: SM22 2320B Pace Analytical Services - Melville		113	%	81-122	1		09/28/22 12:03	3 17060-07-0	
Analytical Method: SM22 2320B Pace Analytical Services - Melville	1-Bromofluorobenzene (S)	97	%	79-118	1		09/28/22 12:03	3 460-00-4	
Pace Analytical Services - Melville		95	%	82-122	1		09/28/22 12:03	3 2037-26-5	
Pace Analytical Services - Melville	2320B Alkalinity	Analytical Meth	od: SM22	2320B					
	-	Pace Analytical	Services -	Melville					
Alkalinity, Total as CaCO3 183 mg/L 1.0 1 09/26/22 14:49	Alkalinity, Total as CaCO3	183	mg/L	1.0	1		09/26/22 14:49	9	



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

Sample: MW-40	Lab ID:	70230003008	Collected:	09/20/2	22 13:00	Received: (09/21/22 10:00	Matrix: Water	
Parameters	Results	Units	Repor	t Limit	DF	Prepared	Analyzed	CAS No.	Qua
300.0 IC Anions 28 Days	Analytical	Method: EPA 30	0.00						
	Pace Anal	ytical Services -	Melville						
Sulfate	<5.0	mg/L		5.0	1		09/29/22 00:0	7 14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	•	Method: EPA 35 ytical Services -							
Nitrate as N	0.39	mg/L		0.050	1		09/22/22 07:5	5 14797-55-8	
Nitrate-Nitrite (as N)	0.39	mg/L		0.050	1		09/22/22 07:5	5 7727-37-9	
353.2 Nitrogen, NO2	•	Method: EPA 35 ytical Services -							
Nitrite as N	<0.050	mg/L		0.050	1		09/22/22 04:12	2 14797-65-0	
4500 Ammonia Water	•	Method: SM22 - ytical Services -							
Nitrogen, Ammonia	4.4	4 mg/L		0.10	1		09/26/22 13:50	6 7664-41-7	
9014 Cyanide, Total	•	Method: EPA 90 ytical Services -	•	nide Pr	eparatio	n Method: EPA	9010C		
Cyanide	<10.0	u g/L		10.0	1	10/03/22 18:1	0 10/03/22 19:59	9 57-12-5	



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

Sample: MW-31S	Lab ID: 702	30003009	Collected: 09/20/2	22 14:25	Received: 09)/21/22 10:00	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases	Analytical Meth	nod: RSK-17	75 Preparation Meth	od: RSK	(-175			
	Pace Analytica	l Services -	Melville					
Methane, Dissolved	930	ug/L	86.0	86	09/28/22 13:02	09/29/22 14:04	74-82-8	
6010 MET ICP	Analytical Meth	nod: EPA 60	10C Preparation Me	ethod: El	PA 3005A			
	Pace Analytica	l Services -	Melville					
ron	583	ug/L	100	1	09/28/22 07:08	09/28/22 22:23	7439-89-6	
8270E MSSV PAH by SIM	Analytical Meth	nod: EPA 82	70E SIM Preparatio	n Metho	d: EPA 3510C			
2. 02 moot 17 m by 0 m	Pace Analytica		•		u /			
Acenaphthene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	83-32-9	
Acenaphthylene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	208-96-8	
Anthracene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	120-12-7	
Benzo(a)anthracene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	9 56-55-3	
Benzo(a)pyrene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	50-32-8	
Benzo(b)fluoranthene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	205-99-2	
Benzo(g,h,i)perylene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	191-24-2	
Benzo(k)fluoranthene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	207-08-9	
Chrysene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	218-01-9	
Dibenz(a,h)anthracene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	53-70-3	
luoranthene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	206-44-0	
Fluorene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	86-73-7	
ndeno(1,2,3-cd)pyrene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	193-39-5	
Naphthalene	0.041	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	91-20-3	
Phenanthrene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	85-01-8	
Pyrene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:09	129-00-0	
Surrogates		J						
Fluoranthene-d10 (S)	70	%	40-112	1	09/26/22 12:38	09/27/22 00:09	93951-69-0	
2-Methylnaphthalene-d10 (S)	41	%	44-146	1	09/26/22 12:38	09/27/22 00:09	7297-45-2	S0
3260C Volatile Organics	Analytical Meth	nod: EPA 82	60C/5030C					
	Pace Analytica	l Services -	Melville					
Benzene	<1.0	ug/L	1.0	1		09/28/22 12:21	71-43-2	
Ethylbenzene	<1.0	ug/L	1.0	1		09/28/22 12:21	100-41-4	
Toluene	<1.0	ug/L	1.0	1		09/28/22 12:21	108-88-3	
(ylene (Total)	<3.0	ug/L	3.0	1		09/28/22 12:21	1330-20-7	
Surrogates		Ŭ						
,2-Dichloroethane-d4 (S)	115	%	81-122	1		09/28/22 12:21	17060-07-0	
4-Bromofluorobenzene (S)	100	%	79-118	1		09/28/22 12:21	460-00-4	
oluene-d8 (S)	95	%	82-122	1		09/28/22 12:21	2037-26-5	
2320B Alkalinity	Analytical Meth	nod: SM22 2	2320B					
	Pace Analytica	l Services -	Melville					
Alkalinity, Total as CaCO3	314	mg/L	1.0	1		09/26/22 15:03	3	
		-						



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

Sample: MW-31S	Lab ID:	70230003009	Collected: 09/20	/22 14:25	Received: 09	9/21/22 10:00	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical I	Method: EPA 30	0.00					
	Pace Analy	tical Services -	Melville					
Sulfate	8.4	l mg/L	5.0	1		09/29/22 00:21	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical I	Method: EPA 35	53.2					
	Pace Analy	tical Services -	Melville					
Nitrate as N	<0.050	mg/L	0.050	1		09/22/22 07:56	3 14797-55-8	
Nitrate-Nitrite (as N)	<0.050	mg/L	0.050	1		09/22/22 07:56	7727-37-9	
353.2 Nitrogen, NO2	Analytical I	Method: EPA 35	53.2					
	Pace Analy	tical Services -	Melville					
Nitrite as N	<0.050	mg/L	0.050	1		09/22/22 04:13	3 14797-65-0	
4500 Ammonia Water	•	Method: SM22 - ytical Services -						
Nitrogen, Ammonia	0.14	mg/L	0.10	1		09/26/22 13:58	3 7664-41-7	
9014 Cyanide, Total	-	Method: EPA 90 ytical Services -	014 Total Cyanide I Melville	Preparatio	on Method: EPA 9	9010C		
Cyanide	<10.0	ug/L	10.0	1	10/03/22 18:10	10/03/22 20:00	57-12-5	



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

Parameters Results Units Report Limit DF Prepared Analyzed CAS No. Question	Sample: MW-23S	Lab ID: 7023	30003010	Collected: 09/20/2	22 14:55	Received: 09	9/21/22 10:00 N	Matrix: Water	
Methane, Dissolved 2280 ugl. 215 215 09/28/22 13:02 09/30/22 12:09 74-82-8 8010 MET ICP	Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
Methane, Dissolved 2280 ug/L 215 215 09/28/22 13:02 09/30/22 12:09 74-82-8 8010 MET ICP Analytical Method: EPA 6010C Preparation Method: EPA 305A Pace Analytical Services - Metville From 664 ug/L 100 1 10/04/22 10:39 10/04/22 23:03 7439-89-6 8270E MSSV PAH by SIM Analytical Method: EPA 8270E SIM Preparation Method: EPA 3510C Pace Analytical Services - Metville Acenaphthene 23.9 ug/L 0.20 10 09/26/22 12:38 09/27/22 17:40 83-32-9 Acenaphthene 35.4 ug/L 0.20 10 09/26/22 12:38 09/27/22 07:40 83-32-9 Acenaphthylene 0.36 ug/L 0.020 1 09/28/22 12:38 09/27/22 07:40 83-32-9 Acenaphthylene 0.36 ug/L 0.020 1 09/28/22 12:38 09/27/22 00:40 208-96-8 Acenaphthylene 0.54 ug/L 0.020 1 09/28/22 12:38 09/27/22 00:40 208-96-8 Anthracene 1.6 ug/L 0.020 1 09/28/22 10:38 10/03/22 21:52 80-96-8 H2 Anthracene 1.6 ug/L 0.020 1 09/28/22 10:38 10/03/22 21:52 80-96-8 H2 Anthracene 0.044 ug/L 0.020 1 09/28/22 10:38 10/03/22 21:52 120-12-7 H2 Benzo(a)anthracene 0.044 ug/L 0.020 1 09/28/22 10:38 10/03/22 21:52 120-12-7 H2 Benzo(a)pyrene 0.020 ug/L 0.020 1 09/28/22 10:38 10/03/22 21:52 56-55-3 H2 Benzo(a)pyrene 0.020 ug/L 0.020 1 09/28/22 10:38 10/03/22 21:52 56-55-3 H2 Benzo(a)pyrene 0.020 ug/L 0.020 1 09/28/22 10:38 10/03/22 21:52 50-32-8 H2 Benzo(a)pyrene 0.020 ug/L 0.020 1 09/28/22 10:38 10/03/22 21:52 50-92-2 Benzo(a)pyrene 0.020 ug/L 0.020 1 09/28/22 10:38 10/03/22 21:52 50-92-2 Benzo(a)pyrene 0.020 ug/L 0.020 1 09/28/22 10:38 10/03/22 21:52 50-92-2 Benzo(a)pyrene 0.020 ug/L 0.020 1 09/28/22 10:38 10/03/22 21:52 50-92-2 Benzo(a)pyrene 0.020 ug/L 0.020 1 09/28/22 10:38 10/03/22 21:52 50-92-2 Benzo(a)pyrene 0.020 ug/L 0.020 1 09/28/22 10:38 10/03/22 21:52 10/29-04-0 19/2-4-2-2 Benzo(a)pyrene 0.020 ug/L 0.020 1 09/28/22 10:38 10/03/22 21:52 10/29-2-2 10/29-10	RSK 175 Dissolved Gases	Analytical Meth	od: RSK-1	75 Preparation Meth	od: RSK	(-175			
Analytical Method: EPA 6010C Preparation Method: EPA 3005A Pace Analytical Services - Melville		Pace Analytical	Services -	Melville					
Pace Analytical Services - Melville 100 1 100/4/22 10:39 10/04/22 23:03 7439-89-6 8270E MSSV PAH by SIM	Methane, Dissolved	2280	ug/L	215	215	09/28/22 13:02	09/30/22 12:09	74-82-8	
Pace Analytical Services - Melville 100 1 100/4/22 10:39 10/04/22 23:03 7439-89-6 8270E MSSV PAH by SIM	6010 MET ICP	Analytical Meth	od: FPA 60	010C Preparation Me	ethod: Fl	PA 3005A			
Analytical Method: EPA 8270E SIM Preparation Method: EPA 3510C Pace Analytical Services - Melville Acenaphthene Acenaphthene 3.3.9 ug/L Acenaphthylene 3.5.4 ug/L Acenaphthylene 0.36 ug/L 0.00 10 09/26/22 12:38 09/27/22 17:40 83-32-9 Acenaphthylene 0.36 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 208-96-8 Acenaphthylene 0.54 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 208-96-8 Acenaphthylene 0.54 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 120-12-7 Anthracene 1.6 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 120-12-7 Anthracene 2.0 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 56-55-3 Benzo(a)anthracene 0.044 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 56-55-3 Benzo(a)pyrene 0.044 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 56-55-3 Benzo(a)pyrene 0.020 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 50-32-8 Benzo(a)pyrene 0.020 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 50-32-8 Benzo(a)pyrene 0.020 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 50-32-8 Benzo(a)pyrene 0.020 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 150-32-8 Benzo(a)pyrene 0.020 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 150-32-8 Benzo(a)pyrene 0.020 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 150-32-8 Benzo(a)pyrene 0.020 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 150-32-8 Benzo(a)pyrene 0.020 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 150-32-8 Benzo(a)pyrene 0.020 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 206-99-2 Benzo(b)fluoranthene 0.020 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 206-99-2 Benzo(a)pyrene 0.048 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 206-99-2 Benzo(a)pyrene 0.045 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 206-99-2 Benzo(a)pyrene 0.045 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 206-99-2 Benzo(a)pyrene 0.045 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 206-99-2 Benzo(a)pyrene 0.045 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 206-99-2 Benzo(a)pyrene 0.045 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 206-99-2 Benzo(a)pyrene 0.046 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 206-99-2 Benzo(a)pyrene 0.040 ug/L 0.000 1 09/26/22 12:38 09/27/22 00:40 206-99-	OUTO MILT IOI	•		•	Julou. El	A 3003A			
Pace Analytical Services - Melville	ron	664	ug/L	100	1	10/04/22 10:39	10/04/22 23:03	7439-89-6	
Pace Analytical Services - Melville	8270E MSSV PAH by SIM	Analytical Meth	od: EPA 82	270E SIM Preparatio	n Metho	d: EPA 3510C			
Acenaphthene 35.4 ug/L 0.20 10 09/29/22 10:58 10/04/22 17:15 83-32-9 H2 Acenaphthylene 0.36 ug/L 0.020 1 09/29/22 10:58 10/04/22 17:15 83-32-9 H2 Acenaphthylene 0.54 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 00-96-8 H2 Anthracene 1.6 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 00-96-8 H2 Anthracene 0.044 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 05-95-3 H2 3enzo(a)anthracene 0.044 ug/L 0.020 1 09/29/22 12:38 09/27/22 00:40 56-55-3 H2 3enzo(a)anthracene 0.044 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 56-55-3 H2 3enzo(a)anthracene 0.044 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 56-55-3 H2 3enzo(a)anthracene 0.044 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 56-55-3 H2 3enzo(a)anthracene 0.020 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 56-55-3 H2 3enzo(a)pyrene 0.020 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 56-55-3 H2 3enzo(a)pyrene 0.020 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 50-32-8 H2 3enzo(a)pyrene 0.020 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 50-32-8 H2 3enzo(b)fluoranthene 0.020 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 50-99-9 H2 3enzo(b)fluoranthene 0.020 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 10/99-9 H2 3enzo(b)fluoranthene 0.020 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 207-08-9 H2 3enzo(b)fluoranthene 0.020 ug/L 0.020 1 09/29/22 12:38 09/27/22 00:40 207-08-9 H2 3enzo(b)fluoranthene 0.046 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 207-08-9 H2 3enzo(b)fluoranthene 0.046 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 207-08-9 H2 3enzo(b)fluoranthene 0.045 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 207-08-9 H2 3enzo(b)fluoranthene 0.046 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 207-08-9 H2 3enzo(b)fluoranthene 0.045 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 207-08-9 H2 3enzo(b)fluoranthene 0.045 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 207-08-9 H2 3enzo(b)fluoranthene 0.045 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 207-08-9 H2 3enzo(b)fluoranthene 0.045 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 207-08-9 H2 3enzo(b)fluoranthene 0.045 ug/L 0.020 1 09/29/22 10:58 10/03/22 11:52 39-30-3 H2 3en	,								
Acenaphthylene	Acenaphthene	23.9	ug/L	0.20	10	09/26/22 12:38	09/27/22 17:40	83-32-9	
Acenaphthylene 0.36 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 208-96-8 H2 Acenaphthylene 0.54 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 208-96-8 H2 Anthracene 1.6 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 120-12-7 H2 Benzo(a)anthracene 0.044 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 56-55-3 Benzo(a)anthracene 0.044 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 56-55-3 Benzo(a)anthracene 0.044 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 56-35-3 Benzo(a)anthracene 0.044 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 50-32-8 Benzo(a)pyrene 0.020 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 50-32-8 Benzo(a)pyrene 0.020 ug/L 0.020 1 09/26/22 10:58 10/03/22 21:52 56-55-3 H2 Benzo(a)pyrene 0.020 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 50-32-8 Benzo(a)pyrene 0.020 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 205-99-2 Benzo(b)fluoranthene 0.020 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 56-59-9 EBenzo(b)fluoranthene 0.020 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 205-99-2 Benzo(b)fluoranthene 0.020 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 205-99-2 Benzo(b,h)perylene 0.020 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 205-99-2 Benzo(b,h)perylene 0.020 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 205-99-2 Benzo(b,h)perylene 0.020 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 207-08-9 Benzo(b,h)perylene 0.048 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 207-08-9 Benzo(b,h)perylene 0.048 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 207-08-9 Benzo(b,h)perylene 0.045 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 207-08-9 Benzo(b,h)perylene 0.048 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 207-08-9 Benzo(b,h)perylene 0.048 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 207-08-9 Benzo(b,h)perylene 0.048 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 207-08-9 Benzo(b,h)perylene 0.048 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 207-08-9 Benzo(b,h)perylene 0.048 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 207-08-9 Benzo(b,h)perylene 0.048 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 207-08-9 Benzo(b,h)perylene 0.048 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 2	•	35.4	•	0.20	10	09/29/22 10:58	10/04/22 17:15	83-32-9	H2
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Anthracene	' '		-						
Benzo(a)anthracene			-						H2
Benzo(a) anthracene			-						112
Benzo(a) pyrene \(\cdot \) \(\text{ug/L} \) \(\text{0.020} \) \(\text{ug/L} \) \(\text{0.020} \) \(\text{ug/L} \) \(\text{0.020} \) \(\text{1} \) \(\text{0.97262} \) \(\text{1.238} \) \(\text{0.0722} \) \(\text{0.032} \) \(\text{0.020} \) \(\text{0.020} \) \(\text{ug/L} \) \(\text{0.020} \) \(\text{1.09} \) \(\text{0.000} \) \(\text{0.0000} \) \(\text{0.000} \) \(\text{0.0000} \) \(\text{0.0000} \) \(0.			•						Η2
Benzo(a)pyrene \cdot			-						112
Senzo(b) fuoranthene			-						110
Senzo(gh)filuoranthene <0.020			•						ПZ
Senzo(g,h,i)perylene			•						110
Senzo(g,h,i)perylene	. ,		•						HZ.
Senzo(k)fluoranthene	· - · · · · · · · · · · · · · · · · · ·		-						110
Senzo(k)fluoranthene Concession Conces			-						H2
Chrysene			-						
Chrysene 0.045 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 218-01-9 H2			-						H2
Dibenz(a,h)anthracene Co.020 Ug/L Co.020 1 Og/26/22 12:38 Og/27/22 00:40 53-70-3 Og/26/22 12:38 Og/27/22 00:40 Og/26/22 12:38 Og/27/22 17:40 Og/26/22			•						
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Fluorene 6.2 ug/L 0.20 10 09/26/22 12:38 09/27/22 17:40 86-73-7 Fluorene 9.0 ug/L 0.20 10 09/29/22 10:58 10/04/22 17:15 86-73-7 H2 ndeno(1,2,3-cd)pyrene <a by="" href="total-end</td><td></td><td></td><td>•</td><td>0.020</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Fluorene 9.0 ug/L 0.20 10 09/29/22 10:58 10/04/22 17:15 86-73-7 H2 ndeno(1,2,3-cd)pyrene <a href=" norm="" norm<="" of="" red="" td="" the="" total-align:=""><td>Fluoranthene</td><td></td><td>ug/L</td><td>0.020</td><td>1</td><td></td><td></td><td></td><td>H2</td>	Fluoranthene		ug/L	0.020	1				H2
Naphthalene	Fluorene		ug/L	0.20	10	09/26/22 12:38	09/27/22 17:40	86-73-7	
Naphthalene Addition	Fluorene	9.0	ug/L	0.20	10	09/29/22 10:58	10/04/22 17:15	86-73-7	H2
Naphthalene 42.4 ug/L 0.20 10 09/26/22 12:38 09/27/22 17:40 91-20-3 Naphthalene 35.0 ug/L 0.20 10 09/29/22 10:58 10/04/22 17:15 91-20-3 H2 Phenanthrene 7.4 ug/L 0.20 10 09/26/22 12:38 09/27/22 17:40 85-01-8 H2 Phenanthrene 8.5 ug/L 0.20 10 09/29/22 10:58 10/04/22 17:15 85-01-8 H2 Pyrene 1.2 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 129-00-0 H2 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 129-00-0 H2 Surrogates Fluoranthene-d10 (S) 72 % 40-112 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Fluoranthene-d10 (S) 68 % 40-112 1 09/26/22 12:38 09/27/22 00:40 7297-45-2 S0 Pyrene 1 09/26/22 12:38 09/27/22 00	ndeno(1,2,3-cd)pyrene	<0.020	ug/L	0.020	1	09/26/22 12:38	09/27/22 00:40	193-39-5	
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Phenanthrene 8.5 ug/L 0.20 10 09/29/22 10:58 10/04/22 17:15 85-01-8 H2 Pyrene 1.2 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 129-00-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 129-00-0 H2 Burrogates Eluoranthene-d10 (S) 72 % 40-112 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Eluoranthene-d10 (S) 68 % 40-112 1 09/26/22 12:38 09/27/22 00:40 93951-69-0 Pyrome 44-146 1 09/26/22 12:38 09/27/22 00:40 7297-45-2 S0		7.4			10	09/26/22 12:38	09/27/22 17:40	85-01-8	
Pyrene 1.2 ug/L 0.020 1 09/26/22 12:38 09/27/22 00:40 129-00-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 129-00-0 H2 Surrogates Fluoranthene-d10 (S) 72 % 40-112 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Fluoranthene-d10 (S) 68 % 40-112 1 09/26/22 12:38 09/27/22 00:40 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 93951-69-0	Phenanthrene	8.5			10	09/29/22 10:58	10/04/22 17:15	85-01-8	H2
Pyrene 1.3 ug/L 0.020 1 09/29/22 10:58 10/03/22 21:52 129-00-0 H2 Surrogates Fluoranthene-d10 (S) 72 % 40-112 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Fluoranthene-d10 (S) 68 % 40-112 1 09/26/22 12:38 09/27/22 00:40 93951-69-0 2-Methylnaphthalene-d10 (S) 36 % 44-146 1 09/26/22 12:38 09/27/22 00:40 7297-45-2 S0	Pyrene		_	0.020	1	09/26/22 12:38	09/27/22 00:40	129-00-0	
Surrogates Fluoranthene-d10 (S) 72 % 40-112 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Fluoranthene-d10 (S) 68 % 40-112 1 09/26/22 12:38 09/27/22 00:40 93951-69-0 2-Methylnaphthalene-d10 (S) 36 % 44-146 1 09/26/22 12:38 09/27/22 00:40 7297-45-2 S0			-						H2
Fluoranthene-d10 (S) 72 % 40-112 1 09/29/22 10:58 10/03/22 21:52 93951-69-0 Fluoranthene-d10 (S) 68 % 40-112 1 09/26/22 12:38 09/27/22 00:40 93951-69-0 2-Methylnaphthalene-d10 (S) 36 % 44-146 1 09/26/22 12:38 09/27/22 00:40 7297-45-2 S0			J	-					
Fluoranthene-d10 (S) 68 % 40-112 1 09/26/22 12:38 09/27/22 00:40 93951-69-0 2-Methylnaphthalene-d10 (S) 36 % 44-146 1 09/26/22 12:38 09/27/22 00:40 7297-45-2 S0	•	72	%	40-112	1	09/29/22 10:58	10/03/22 21:52	93951-69-0	
2-Methylnaphthalene-d10 (S) 36 % 44-146 1 09/26/22 12:38 09/27/22 00:40 7297-45-2 S0									
									S0
									-



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

Sample: MW-23S	Lab ID: 702	30003010	Collected: 09/20/2	22 14:55	Received: 09	0/21/22 10:00 N	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
3260C Volatile Organics	Analytical Meth	nod: EPA 82	260C/5030C					
	Pace Analytica	l Services -	Melville					
Benzene	<1.0	ug/L	1.0	1		09/28/22 12:40	71-43-2	
Ethylbenzene	21.9	ug/L	1.0	1		09/28/22 12:40	100-41-4	
Toluene	<1.0	ug/L	1.0	1		09/28/22 12:40		
<pre>⟨ylene (Total)</pre> <pre>Surrogates</pre>	14.2	ug/L	3.0	1		09/28/22 12:40	1330-20-7	
1,2-Dichloroethane-d4 (S)	118	%	81-122	1		09/28/22 12:40		
4-Bromofluorobenzene (S)	103	%	79-118	1		09/28/22 12:40		
Toluene-d8 (S)	94	%	82-122	1		09/28/22 12:40	2037-26-5	
2320B Alkalinity	Analytical Meth Pace Analytica							
Alkalinity, Total as CaCO3	207	mg/L	1.0	1		09/26/22 15:15		
300.0 IC Anions 28 Days	Analytical Meth Pace Analytica							
Sulfate	5.1	mg/L	5.0	1		09/29/22 00:34	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Meth Pace Analytica							
Nitrate as N	0.26	mg/L	0.050	1		09/22/22 07:57	14797-55-8	
Nitrate-Nitrite (as N)	0.26	mg/L	0.050	1		09/22/22 07:57	7727-37-9	
853.2 Nitrogen, NO2	Analytical Meth Pace Analytica							
Nitrite as N	<0.050	mg/L	0.050	1		09/22/22 04:17	14797-65-0	
1500 Ammonia Water	Analytical Meth Pace Analytica							
Nitrogen, Ammonia	0.56	mg/L	0.10	1		09/26/22 13:59	7664-41-7	
9014 Cyanide, Total	Analytical Meth Pace Analytica		014 Total Cyanide Pr Melville	eparatior	n Method: EPA 9	010C		
Cyanide	<10.0	ug/L	10.0	1	10/03/22 18:10	10/03/22 20:01	57-12-5	
		-						



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

QC Batch: 275424 Analysis Method: RSK-175

QC Batch Method: RSK-175 Analysis Description: RSK 175 HEADSPACE

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230003001, 70230003002, 70230003003, 70230003004, 70230003005, 70230003006, 70230003007,

70230003008, 70230003009, 70230003010

METHOD BLANK: 1391825 Matrix: Water

Associated Lab Samples: 70230003001, 70230003002, 70230003003, 70230003004, 70230003005, 70230003006, 70230003007,

70230003008, 70230003009, 70230003010

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

Methane, Dissolved ug/L <1.0 1.0 09/29/22 11:14

LABORATORY CONTROL SAMPLE: 1391826

Spike LCS LCS % Rec Units Result % Rec Limits Qualifiers Parameter Conc. Methane, Dissolved ug/L 10.2 3.5 35 10-93

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1391827 1391828

MS MSD

70230003004 Spike Spike MS MSD MS MSD % Rec **RPD** Parameter Units Result Conc. Conc. Result Result % Rec % Rec Limits Qual Methane, Dissolved ug/L 264 2200 2200 3610 3180 152 132 10-185 13

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Iron

QC Batch: 275258 Analysis Method: EPA 6010C

QC Batch Method: EPA 3005A Analysis Description: 6010 MET Water

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230003001, 70230003002, 70230003003, 70230003004, 70230003005, 70230003006, 70230003007,

70230003008, 70230003009

METHOD BLANK: 1391039 Matrix: Water

Associated Lab Samples: 70230003001, 70230003002, 70230003003, 70230003004, 70230003005, 70230003006, 70230003007,

70230003008, 70230003009

Parameter Units Blank Reporting Result Limit Analyzed Qualifiers

ug/L <100 100 09/28/22 20:49

LABORATORY CONTROL SAMPLE: 1391040

Spike LCS LCS % Rec Units Result % Rec Limits Qualifiers Parameter Conc. 95 Iron ug/L 12500 11900 80-120

MATRIX SPIKE SAMPLE: 1391045

70230003004 MS MS Spike % Rec Parameter Units Result Conc. Result % Rec Limits Qualifiers 2040 6790 95 75-125 Iron 5000 ug/L

SAMPLE DUPLICATE: 1391044

Date: 12/09/2022 01:59 PM

 Parameter
 Units
 70230003004 Result
 Dup Result
 RPD
 Qualifiers

 Iron
 ug/L
 2040
 2040
 0

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

QC Batch: 276202 Analysis Method: EPA 6010C

QC Batch Method: EPA 3005A Analysis Description: 6010 MET Water

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230003010

METHOD BLANK: 1395207 Matrix: Water

Associated Lab Samples: 70230003010

Blank Reporting
Parameter Units Result Limit Analyzed Qualifiers

Iron ug/L <100 100 10/04/22 22:28

LABORATORY CONTROL SAMPLE: 1395208

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Iron ug/L 12500 11400 91 80-120

MATRIX SPIKE SAMPLE: 1395210

MS MS % Rec 70230411006 Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers 2440 ug/L 5000 Iron 7360 98 75-125

SAMPLE DUPLICATE: 1395209

Date: 12/09/2022 01:59 PM

 Parameter
 Units
 70230411006 Result
 Dup Result
 RPD
 Qualifiers

 Iron
 ug/L
 2440
 2680
 9

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

QC Batch: 274598 Analysis Method: EPA 8260C/5030C

QC Batch Method: EPA 8260C/5030C Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230003001, 70230003002

METHOD BLANK: 1387004 Matrix: Water

Associated Lab Samples: 70230003001, 70230003002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	<1.0	1.0	09/21/22 19:21	
Ethylbenzene	ug/L	<1.0	1.0	09/21/22 19:21	
Toluene	ug/L	<1.0	1.0	09/21/22 19:21	
Xylene (Total)	ug/L	<3.0	3.0	09/21/22 19:21	
1,2-Dichloroethane-d4 (S)	%	90	81-122	09/21/22 19:21	
4-Bromofluorobenzene (S)	%	92	79-118	09/21/22 19:21	
Toluene-d8 (S)	%	94	82-122	09/21/22 19:21	

Date: 12/09/2022 01:59 PM

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	52.9	106	78-117	
Ethylbenzene	ug/L	50	48.6	97	79-115	
Toluene	ug/L	50	46.2	92	80-114	
Xylene (Total)	ug/L	150	150	100	80-118	
1,2-Dichloroethane-d4 (S)	%			90	81-122	
4-Bromofluorobenzene (S)	%			100	79-118	
Toluene-d8 (S)	%			94	82-122	

MATRIX SPIKE & MATRIX SPIK	E DUPLICAT	E: 13886	70		1388669						
			MS	MSD							
	702	229845001	Spike	Spike	MS	MSD	MS	MSD	% Rec		
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	Qual
Benzene	ug/L	<1.0	50	50	52.5	51.7	105	103	70-130	2	
Ethylbenzene	ug/L	<1.0	50	50	49.9	46.7	100	93	70-126	7	
Toluene	ug/L	<1.0	50	50	49.4	47.4	99	95	76-123	4	
Xylene (Total)	ug/L	<3.0	150	150	157	146	105	97	78-123	7	
1,2-Dichloroethane-d4 (S)	%						93	91	81-122		
4-Bromofluorobenzene (S)	%						100	98	79-118		
Toluene-d8 (S)	%						94	91	82-122		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

QC Batch: 275392 Analysis Method: EPA 8260C/5030C

QC Batch Method: EPA 8260C/5030C Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230003003, 70230003004, 70230003005, 70230003006, 70230003007, 70230003008, 70230003009,

70230003010

METHOD BLANK: 1391720 Matrix: Water

Associated Lab Samples: 70230003003, 70230003004, 70230003005, 70230003006, 70230003007, 70230003008, 70230003009,

70230003010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	<1.0	1.0	09/28/22 08:00	
Ethylbenzene	ug/L	<1.0	1.0	09/28/22 08:00	
Toluene	ug/L	<1.0	1.0	09/28/22 08:00	
Xylene (Total)	ug/L	<3.0	3.0	09/28/22 08:00	
1,2-Dichloroethane-d4 (S)	%	112	81-122	09/28/22 08:00	
4-Bromofluorobenzene (S)	%	95	79-118	09/28/22 08:00	
Toluene-d8 (S)	%	95	82-122	09/28/22 08:00	

LABORATORY CONTROL SAMPLE:	1391721					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% Rec	Limits	Qualifiers
Benzene	ug/L	50	46.8	94	78-117	
Ethylbenzene	ug/L	50	43.7	87	79-115	
Toluene	ug/L	50	43.7	87	80-114	
Xylene (Total)	ug/L	150	139	93	80-118	
1,2-Dichloroethane-d4 (S)	%			114	81-122	
4-Bromofluorobenzene (S)	%			103	79-118	
Toluene-d8 (S)	%			96	82-122	

MATRIX SPIKE & MATRIX SPIR	KE DUPLICAT	E: 13917			1391723						
Parameter	702 Units	230003004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzene	ug/L	<1.0	50	50	38.4	45.6	77	91	70-130	17	
Ethylbenzene	ug/L	<1.0	50	50	40.4	47.7	81	95	70-126	16	
Toluene	ug/L	<1.0	50	50	37.4	45.0	75	90	76-123	18 M1	
Xylene (Total)	ug/L	<3.0	150	150	126	146	84	98	78-123	15	
1,2-Dichloroethane-d4 (S)	%						114	117	81-122		
4-Bromofluorobenzene (S)	%						102	81	79-118		
Toluene-d8 (S)	%						97	99	82-122		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

QC Batch: 274841 Analysis Method: EPA 8270E SIM

QC Batch Method: EPA 3510C Analysis Description: 8270E Water PAH by SIM MSSV

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230003001, 70230003002, 70230003004, 70230003005, 70230003006

METHOD BLANK: 1388446 Matrix: Water

Associated Lab Samples: 70230003001, 70230003002, 70230003004, 70230003005, 70230003006

Devenuetes	l la tra	Blank	Reporting	A I I	Oalifiana
Parameter	Units	Result	Limit	Analyzed	Qualifiers
Acenaphthene	ug/L	< 0.020	0.020	09/27/22 14:56	
Acenaphthylene	ug/L	< 0.020	0.020	09/27/22 14:56	
Anthracene	ug/L	< 0.020	0.020	09/27/22 14:56	
Benzo(a)anthracene	ug/L	< 0.020	0.020	09/27/22 14:56	
Benzo(a)pyrene	ug/L	< 0.020	0.020	09/27/22 14:56	
Benzo(b)fluoranthene	ug/L	< 0.020	0.020	09/27/22 14:56	
Benzo(g,h,i)perylene	ug/L	< 0.020	0.020	09/27/22 14:56	
Benzo(k)fluoranthene	ug/L	< 0.020	0.020	09/27/22 14:56	
Chrysene	ug/L	< 0.020	0.020	09/27/22 14:56	
Dibenz(a,h)anthracene	ug/L	< 0.020	0.020	09/27/22 14:56	
Fluoranthene	ug/L	< 0.020	0.020	09/27/22 14:56	
Fluorene	ug/L	< 0.020	0.020	09/27/22 14:56	
Indeno(1,2,3-cd)pyrene	ug/L	< 0.020	0.020	09/27/22 14:56	
Naphthalene	ug/L	< 0.020	0.020	09/27/22 14:56	
Phenanthrene	ug/L	< 0.020	0.020	09/27/22 14:56	
Pyrene	ug/L	< 0.020	0.020	09/27/22 14:56	
2-Methylnaphthalene-d10 (S)	%	54	44-146	09/27/22 14:56	
Fluoranthene-d10 (S)	%	82	40-112	09/27/22 14:56	

LABORATORY CONTROL SAMPLI	E: 1388447					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% Rec	Limits	Qualifiers
Acenaphthene	ug/L		0.60	60	33-102	
Acenaphthylene	ug/L	1	0.62	62	35-104	
Anthracene	ug/L	1	0.73	73	41-109	
Benzo(a)anthracene	ug/L	1	0.79	79	39-127	
Benzo(a)pyrene	ug/L	1	0.80	80	40-126	
Benzo(b)fluoranthene	ug/L	1	0.90	90	39-144	
Benzo(g,h,i)perylene	ug/L	1	0.89	89	41-140	
Benzo(k)fluoranthene	ug/L	1	0.70	70	35-131	
Chrysene	ug/L	1	0.77	77	40-117	
Dibenz(a,h)anthracene	ug/L	1	0.88	88	42-139	
Fluoranthene	ug/L	1	0.76	76	43-117	
Fluorene	ug/L	1	0.64	64	38-102	
Indeno(1,2,3-cd)pyrene	ug/L	1	0.92	92	39-139	
Naphthalene	ug/L	1	0.38	38	22-95	
Phenanthrene	ug/L	1	0.72	72	41-111	
Pyrene	ug/L	1	0.80	80	38-116	
2-Methylnaphthalene-d10 (S)	%			50	44-146	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

LABORATORY CONTROL SAMPLE: 1388447

Spike LCS LCS % Rec

Parameter Units Conc. Result % Rec Limits Qualifiers

MATRIX SPIKE & MATRIX SPIKE	E DUPLICAT	E: 13897	83		1389784						
			MS	MSD							
	702	230003004	Spike	Spike	MS	MSD	MS	MSD	% Rec		
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	Qua
Acenaphthene	ug/L	0.59	1	1	1.3	1.0	66	43	31-98	20	
Acenaphthylene	ug/L	0.10	1	1	0.77	0.57	65	45	41-114	31 R1	
Anthracene	ug/L	< 0.021	1	1	0.75	0.53	71	49	43-126	34 R1	
Benzo(a)anthracene	ug/L	< 0.021	1	1	0.80	0.59	75	54	36-143	31 R1	
Benzo(a)pyrene	ug/L	0.021	1	1	0.81	0.59	76	55	34-141	31 R1	
Benzo(b)fluoranthene	ug/L	0.022	1	1	0.78	0.58	73	53	32-160	29	
Benzo(g,h,i)perylene	ug/L	0.028	1	1	0.87	0.65	82	60	33-151	29	
Benzo(k)fluoranthene	ug/L	0.024	1	1	0.81	0.62	76	57	29-143	26	
Chrysene	ug/L	< 0.021	1	1	0.75	0.56	71	52	34-134	30	
Dibenz(a,h)anthracene	ug/L	0.023	1	1	0.88	0.65	83	60	34-154	30	
Fluoranthene	ug/L	0.027	1	1	0.76	0.55	71	50	38-134	31 R1	
Fluorene	ug/L	0.021	1	1	0.68	0.49	64	45	41-122	33 R1	
Indeno(1,2,3-cd)pyrene	ug/L	0.027	1	1	0.91	0.67	85	62	28-156	30	
Naphthalene	ug/L	< 0.021	1	1	0.48	0.34	45	31	27-117	36 R1	
Phenanthrene	ug/L	<0.021	1	1	0.73	0.52	69	49	39-122	33 R1	
Pyrene	ug/L	0.045	1	1	0.84	0.62	77	55	33-114	30	
2-Methylnaphthalene-d10 (S)	%						55	44	44-146		
Fluoranthene-d10 (S)	%						73	59	40-112		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

QC Batch: 275047 Analysis Method: EPA 8270E SIM

QC Batch Method: EPA 3510C Analysis Description: 8270E Water PAH by SIM MSSV

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230003003, 70230003007, 70230003008, 70230003009, 70230003010

METHOD BLANK: 1389823 Matrix: Water

Associated Lab Samples: 70230003003, 70230003007, 70230003008, 70230003009, 70230003010

		Blank Reporting			
Parameter	Units	Result	Limit	Analyzed	Qualifiers
Acenaphthene	ug/L	<0.020	0.020	09/27/22 17:10	
Acenaphthylene	ug/L	< 0.020	0.020	09/27/22 17:10	
Anthracene	ug/L	< 0.020	0.020	09/27/22 17:10	
Benzo(a)anthracene	ug/L	< 0.020	0.020	09/27/22 17:10	
Benzo(a)pyrene	ug/L	< 0.020	0.020	09/27/22 17:10	
Benzo(b)fluoranthene	ug/L	< 0.020	0.020	09/27/22 17:10	
Benzo(g,h,i)perylene	ug/L	< 0.020	0.020	09/27/22 17:10	
Benzo(k)fluoranthene	ug/L	< 0.020	0.020	09/27/22 17:10	
Chrysene	ug/L	< 0.020	0.020	09/27/22 17:10	
Dibenz(a,h)anthracene	ug/L	< 0.020	0.020	09/27/22 17:10	
Fluoranthene	ug/L	< 0.020	0.020	09/27/22 17:10	
Fluorene	ug/L	< 0.020	0.020	09/27/22 17:10	
Indeno(1,2,3-cd)pyrene	ug/L	< 0.020	0.020	09/27/22 17:10	
Naphthalene	ug/L	< 0.020	0.020	09/27/22 17:10	
Phenanthrene	ug/L	< 0.020	0.020	09/27/22 17:10	
Pyrene	ug/L	< 0.020	0.020	09/27/22 17:10	
2-Methylnaphthalene-d10 (S)	%	55	44-146	09/27/22 17:10	
Fluoranthene-d10 (S)	%	81	40-112	09/27/22 17:10	

LABORATORY CONTROL SAMPLE &	LCSD: 1389824		13	389825						
		Spike	LCS	LCSD	LCS	LCSD	% Rec		Max	
Parameter	Units	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qualifiers
Acenaphthene	ug/L	1	0.49	0.58	49	58	33-102	17	30	
Acenaphthylene	ug/L	1	0.50	0.60	50	60	35-104	18	30	
Anthracene	ug/L	1	0.60	0.68	60	68	41-109	13	30	
Benzo(a)anthracene	ug/L	1	0.74	0.83	74	83	39-127	10	30	
Benzo(a)pyrene	ug/L	1	0.71	0.83	71	83	40-126	15	30	
Benzo(b)fluoranthene	ug/L	1	0.88	0.81	88	81	39-144	8	30	
Benzo(g,h,i)perylene	ug/L	1	0.80	0.90	80	90	41-140	12	30	
Benzo(k)fluoranthene	ug/L	1	0.66	0.88	66	88	35-131	28	30	
Chrysene	ug/L	1	0.68	0.76	68	76	40-117	11	30	
Dibenz(a,h)anthracene	ug/L	1	0.79	0.89	79	89	42-139	12	30	
Fluoranthene	ug/L	1	0.67	0.74	67	74	43-117	10	30	
Fluorene	ug/L	1	0.53	0.61	53	61	38-102	14	30	
Indeno(1,2,3-cd)pyrene	ug/L	1	0.83	0.93	83	93	39-139	12	30	
Naphthalene	ug/L	1	0.41	0.49	41	49	22-95	18	30	
Phenanthrene	ug/L	1	0.60	0.68	60	68	41-111	13	30	
Pyrene	ug/L	1	0.70	0.81	70	81	38-116	14	30	
2-Methylnaphthalene-d10 (S)	%				50	53	44-146			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

(631)694-3040



QUALITY CONTROL DATA

Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

LABORATORY CONTROL SAMPLE &	LCSD: 1389824		1	389825						
		Spike	LCS	LCSD	LCS	LCSD	% Rec		Max	
Parameter	Units	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qualifiers
Fluoranthene-d10 (S)	%				83	83	40-112			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

QC Batch: 275611 Analysis Method: EPA 8270E SIM

QC Batch Method: EPA 3510C Analysis Description: 8270E Water PAH by SIM MSSV

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230003010

METHOD BLANK: 1392736 Matrix: Water

Associated Lab Samples: 70230003010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
		- Nesuit		Allalyzeu	————
Acenaphthene	ug/L	< 0.020	0.020	10/03/22 16:47	
Acenaphthylene	ug/L	< 0.020	0.020	10/03/22 16:47	
Anthracene	ug/L	< 0.020	0.020	10/03/22 16:47	
Benzo(a)anthracene	ug/L	< 0.020	0.020	10/03/22 16:47	
Benzo(a)pyrene	ug/L	< 0.020	0.020	10/03/22 16:47	
Benzo(b)fluoranthene	ug/L	< 0.020	0.020	10/03/22 16:47	
Benzo(g,h,i)perylene	ug/L	< 0.020	0.020	10/03/22 16:47	
Benzo(k)fluoranthene	ug/L	< 0.020	0.020	10/03/22 16:47	
Chrysene	ug/L	< 0.020	0.020	10/03/22 16:47	
Dibenz(a,h)anthracene	ug/L	< 0.020	0.020	10/03/22 16:47	
Fluoranthene	ug/L	< 0.020	0.020	10/03/22 16:47	
Fluorene	ug/L	< 0.020	0.020	10/03/22 16:47	
Indeno(1,2,3-cd)pyrene	ug/L	< 0.020	0.020	10/03/22 16:47	
Naphthalene	ug/L	< 0.020	0.020	10/03/22 16:47	
Phenanthrene	ug/L	< 0.020	0.020	10/03/22 16:47	
Pyrene	ug/L	< 0.020	0.020	10/03/22 16:47	
2-Methylnaphthalene-d10 (S)	%	52	44-146	10/03/22 16:47	
Fluoranthene-d10 (S)	%	83	40-112	10/03/22 16:47	

LABORATORY CONTROL SAMPLE &	LCSD: 1392737		13	392738						
		Spike	LCS	LCSD	LCS	LCSD	% Rec		Max	
Parameter	Units	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qualifiers
Acenaphthene	ug/L	1	0.57	0.57	57	57	33-102	0	30	
Acenaphthylene	ug/L	1	0.62	0.61	62	61	35-104	2	30	
Anthracene	ug/L	1	0.79	0.72	79	72	41-109	9	30	
Benzo(a)anthracene	ug/L	1	0.88	0.81	88	81	39-127	9	30	
Benzo(a)pyrene	ug/L	1	0.87	0.80	87	80	40-126	8	30	
Benzo(b)fluoranthene	ug/L	1	0.92	0.85	92	85	39-144	8	30	
Benzo(g,h,i)perylene	ug/L	1	0.94	0.87	94	87	41-140	9	30	
Benzo(k)fluoranthene	ug/L	1	0.78	0.70	78	70	35-131	11	30	
Chrysene	ug/L	1	0.82	0.76	82	76	40-117	8	30	
Dibenz(a,h)anthracene	ug/L	1	0.94	0.86	94	86	42-139	9	30	
Fluoranthene	ug/L	1	0.82	0.75	82	75	43-117	9	30	
Fluorene	ug/L	1	0.68	0.65	68	65	38-102	5	30	
Indeno(1,2,3-cd)pyrene	ug/L	1	0.99	0.91	99	91	39-139	9	30	
Naphthalene	ug/L	1	0.35	0.36	35	36	22-95	4	30	
Phenanthrene	ug/L	1	0.77	0.71	77	71	41-111	8	30	
Pyrene	ug/L	1	0.86	0.79	86	79	38-116	8	30	
2-Methylnaphthalene-d10 (S)	%				51	52	44-146			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

(631)694-3040



QUALITY CONTROL DATA

Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

LABORATORY CONTROL SAMPLE &	LCSD: 1392737		1	392738						
		Spike	LCS	LCSD	LCS	LCSD	% Rec		Max	
Parameter	Units	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qualifiers
Fluoranthene-d10 (S)	%				87	85	40-112			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

QC Batch: 274660 Analysis Method: SM22 2320B
QC Batch Method: SM22 2320B Analysis Description: 2320B Alkalinity

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230003001, 70230003002

METHOD BLANK: 1387598 Matrix: Water

Associated Lab Samples: 70230003001, 70230003002

Blank Reporting
Parameter Units Result Limit Analyzed Qualifiers

Alkalinity, Total as CaCO3 mg/L <1.0 1.0 09/22/22 10:18

LABORATORY CONTROL SAMPLE: 1387599

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Alkalinity, Total as CaCO3 mg/L 25 23.2 93 85-115

MATRIX SPIKE SAMPLE: 1387601

MS MS % Rec 70229913001 Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers 61.0 Alkalinity, Total as CaCO3 mg/L 111 50 100 75-125

SAMPLE DUPLICATE: 1387600

Date: 12/09/2022 01:59 PM

Parameter Units 70229913001 Dup Result Result RPD Qualifiers

Alkalinity, Total as CaCO3 mg/L 61.0 61.8 1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

QC Batch: 275034 Analysis Method: SM22 2320B
QC Batch Method: SM22 2320B Analysis Description: 2320B Alkalinity

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230003003, 70230003004, 70230003005, 70230003006, 70230003007, 70230003008, 70230003009,

70230003010

METHOD BLANK: 1389786 Matrix: Water

Associated Lab Samples: 70230003003, 70230003004, 70230003005, 70230003006, 70230003007, 70230003008, 70230003009,

70230003010

ParameterUnitsBlank ResultReporting LimitAnalyzedQualifiersAlkalinity, Total as CaCO3mg/L<1.0</td>1.009/26/22 11:07

LABORATORY CONTROL SAMPLE: 1389787

Spike LCS LCS % Rec Parameter Units Conc. Result % Rec Limits Qualifiers 85-115 Alkalinity, Total as CaCO3 mg/L 25 26.2 105

MATRIX SPIKE SAMPLE: 1389789

70230003004 MS MS Spike % Rec Parameter Units Result Conc. Result % Rec Limits Qualifiers 330 50 367 74 75-125 M1 Alkalinity, Total as CaCO3 mg/L

SAMPLE DUPLICATE: 1389788

Date: 12/09/2022 01:59 PM

Parameter Units Result Result RPD Qualifiers

Alkalinity, Total as CaCO3 mg/L 330 334 1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

QC Batch: 275301 Analysis Method: EPA 300.0

QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230003001, 70230003002

METHOD BLANK: 1391181 Matrix: Water

Associated Lab Samples: 70230003001, 70230003002

Blank Reporting
Parameter Units Result Limit Analyzed Qualifiers

Sulfate mg/L <5.0 5.0 09/29/22 13:26

LABORATORY CONTROL SAMPLE: 1391182

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Sulfate 10 9.7 97 90-110 mg/L

MATRIX SPIKE SAMPLE: 1391183

% Rec MS MS 70229969001 Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers <5.0 Sulfate mg/L 10 11.0 102 90-110

MATRIX SPIKE SAMPLE: 1391185

70229969002 MS MS % Rec Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers <5.0 Sulfate mg/L 10 11.7 109 90-110

SAMPLE DUPLICATE: 1391184

 Parameter
 Units
 Result Result Result RPD
 Qualifiers

 Sulfate
 mg/L
 <5.0</td>
 <5.0</td>

SAMPLE DUPLICATE: 1391186

Date: 12/09/2022 01:59 PM

 Parameter
 Units
 Result Result RPD
 Qualifiers

 Sulfate
 mg/L
 <5.0</td>
 <5.0</td>

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



NYSEG-ITHICA COURT STREET PROJ Project:

Pace Project No.: 70230003

QC Batch: 275302 Analysis Method: EPA 300.0 QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions

> Laboratory: Pace Analytical Services - Melville

> > Reporting

70230003003, 70230003004, 70230003005, 70230003006, 70230003007, 70230003008, 70230003009, Associated Lab Samples:

70230003010

METHOD BLANK: 1391188 Matrix: Water

70230003003, 70230003004, 70230003005, 70230003006, 70230003007, 70230003008, 70230003009, Associated Lab Samples: Blank

70230003010

Parameter Units Limit Qualifiers Result Analyzed Sulfate mg/L <5.0 5.0 09/28/22 20:30 LABORATORY CONTROL SAMPLE: 1391189 Spike LCS LCS % Rec Units Result % Rec Limits Qualifiers Parameter Conc. Sulfate mg/L 10 9.9 99 90-110 MATRIX SPIKE SAMPLE: 1391190 70230003004 MS MS Spike % Rec Parameter Units Result Conc. Result % Rec Limits Qualifiers Sulfate 67.2 76.2 90-110 M1 10 89 mg/L MATRIX SPIKE SAMPLE: 1391192 70230326001 Spike MS MS % Rec Parameter Units Result Conc. Result % Rec Limits Qualifiers Sulfate mg/L 44.3 10 53.9 90-110 SAMPLE DUPLICATE: 1391191

Dup

Result

66.9

RPD

0

Qualifiers

SAMPLE DUPLICATE: 1391193

Date: 12/09/2022 01:59 PM

Sulfate

Parameter

Parameter	Units	Result	Result	RPD	Qualifiers
Sulfate	mg/L	44.3	43.9		1

Units

mg/L

70230003004

Result

70220226004

67.2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

QC Batch: 274393 Analysis Method: EPA 353.2

QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrite, Unpres.

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230003001, 70230003002

METHOD BLANK: 1385841 Matrix: Water

Associated Lab Samples: 70230003001, 70230003002

Blank Reporting
Parameter Units Result Limit Analyzed Qualifiers

Nitrite as N mg/L <0.027 0.027 0.027 0.027 0.027 0.027

LABORATORY CONTROL SAMPLE: 1385842

Spike LCS LCS % Rec
Parameter Units Conc. Result % Rec Limits Qualifiers

Nitrite as N mg/L 1 1.1 105 90-110

MATRIX SPIKE SAMPLE: 1385843

MS % Rec 70229869001 Spike MS Parameter Units Result Conc. Result % Rec Limits Qualifiers < 0.050 90-110 H1,M1 Nitrite as N mg/L 0.5 0.65 129

MATRIX SPIKE SAMPLE: 1385845

70229995001 MS MS % Rec Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers < 0.050 Nitrite as N mg/L 0.5 0.55 108 90-110

Nitrite as N mg/L <0.050 0.5 0.55 108 90-110

SAMPLE DUPLICATE: 1385844

 Parameter
 Units
 Result Result Result
 RPD Qualifiers

 Nitrite as N
 mg/L
 <0.050</td>
 <0.050</td>
 H1

SAMPLE DUPLICATE: 1385846

Date: 12/09/2022 01:59 PM

 Parameter
 Units
 Result Result Result RPD
 Qualifiers

 Nitrite as N
 mg/L
 <0.050</td>
 <0.050</td>

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

QC Batch: 274605 Analysis Method: EPA 353.2

QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrite, Unpres.

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230003003, 70230003005, 70230003006, 70230003007, 70230003008, 70230003009, 70230003010

METHOD BLANK: 1387111 Matrix: Water

Associated Lab Samples: 70230003003, 70230003005, 70230003006, 70230003007, 70230003008, 70230003009, 70230003010

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

Nitrite as N mg/L <0.027 0.027 09/22/22 03:40

LABORATORY CONTROL SAMPLE: 1387112

Spike LCS LCS % Rec Conc. % Rec Limits Parameter Units Result Qualifiers Nitrite as N 1.0 102 90-110 mg/L

MATRIX SPIKE SAMPLE: 1387113

MS % Rec 70230277001 Spike MS Parameter Units Result Conc. Result % Rec Limits Qualifiers < 0.050 Nitrite as N mg/L 0.5 0.43 87 90-110 M1

MATRIX SPIKE SAMPLE: 1387137

70230278003 MS MS % Rec Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers < 0.050 Nitrite as N mg/L 0.5 0.51 101 90-110

SAMPLE DUPLICATE: 1387114

 Parameter
 Units
 Result Result Result RPD
 Qualifiers

 Nitrite as N
 mg/L
 <0.050</td>
 <0.050</td>

SAMPLE DUPLICATE: 1387138

Date: 12/09/2022 01:59 PM

 Parameter
 Units
 70230278003 Result
 Dup Result
 RPD
 Qualifiers

 Nitrite as N
 mg/L
 <0.050</td>
 <0.050</td>

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

QC Batch: 274608 Analysis Method: EPA 353.2

QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrite, Unpres.

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230003004

METHOD BLANK: 1387147 Matrix: Water

Associated Lab Samples: 70230003004

Blank Reporting
Parameter Units Result Limit Analyzed Qualifiers

Nitrite as N mg/L <0.027 0.027 09/22/22 04:18

LABORATORY CONTROL SAMPLE: 1387148

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Nitrite as N mg/L 1.0 103 90-110

MATRIX SPIKE SAMPLE: 1387149

70230003004 MS MS % Rec Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers < 0.050 mg/L 0.54 90-110 Nitrite as N 0.5 107

SAMPLE DUPLICATE: 1387150

Date: 12/09/2022 01:59 PM

 Parameter
 Units
 70230003004 Result
 Dup Result
 RPD
 Qualifiers

 Nitrite as N
 mg/L
 <0.050</td>
 <0.050</td>

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



NYSEG-ITHICA COURT STREET PROJ Project:

Pace Project No.: 70230003

QC Batch: 274402 Analysis Method: EPA 353.2

QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate, Unpres.

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230003001, 70230003002

METHOD BLANK: 1385866 Matrix: Water

Associated Lab Samples: 70230003001, 70230003002

> Blank Reporting Parameter Units Result Limit Analyzed Qualifiers

Nitrate-Nitrite (as N) < 0.037 0.037 09/20/22 22:10 mg/L

LABORATORY CONTROL SAMPLE: 1385867

Spike Conc. Result % Rec Limits Qualifiers Parameter Units Nitrate-Nitrite (as N) 1.1 109 90-110 mg/L

MATRIX SPIKE SAMPLE: 1385868

MS MS % Rec 70229869001 Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers 8.3 Nitrate-Nitrite (as N) 90-110 H1,M1 mg/L 2.5 10.2 74

LCS

LCS

% Rec

MATRIX SPIKE SAMPLE: 1385870 70229993001 MS MS % Rec Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers

< 0.050 90-110 M1 Nitrate-Nitrite (as N) mg/L 0.5 0.22 44

SAMPLE DUPLICATE: 1385869

70229869001 Dup RPD Parameter Units Result Result Qualifiers 8.3 7.9 6 H1 Nitrate-Nitrite (as N) mg/L

SAMPLE DUPLICATE: 1385871

Date: 12/09/2022 01:59 PM

70229993001 Dup RPD Units Qualifiers Parameter Result Result < 0.050 Nitrate-Nitrite (as N) < 0.050 mg/L

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

QC Batch: 274614 Analysis Method: EPA 353.2

QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate, Unpres.

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230003004, 70230003005, 70230003006

METHOD BLANK: 1387270 Matrix: Water

Associated Lab Samples: 70230003004, 70230003005, 70230003006

Blank Reporting
Parameter Units Result Limit Analyzed Qualifiers

Nitrate-Nitrite (as N) mg/L <0.037 09/22/22 06:37

LABORATORY CONTROL SAMPLE: 1387271

Spike LCS LCS % Rec
Parameter Units Conc. Result % Rec Limits Qualifiers

Nitrate-Nitrite (as N) mg/L 1 1.0 104 90-110

MATRIX SPIKE SAMPLE: 1387272

SAMPLE DUPLICATE: 1387275

Date: 12/09/2022 01:59 PM

MS MS % Rec 70230091002 Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers 0.11 Nitrate-Nitrite (as N) 90-110 M1 mg/L 0.5 0.73 124

 MATRIX SPIKE SAMPLE:
 1387274

 70230003004
 Spike
 MS
 MS
 Rec

 Parameter
 Units
 Result
 Conc.
 Result
 % Rec
 Limits
 Qualifiers

Nitrate-Nitrite (as N) mg/L <0.050 0.5 0.54 106 90-110

SAMPLE DUPLICATE: 1387273

70230091002 Dup
Parameter Units Result RPD Qualifiers

Parameter Units Result Result RPD Qualifiers

Nitrate-Nitrite (as N) mg/L 0.11 0.11 3

70230003004 Dup
Parameter Units Result RPD Qualifiers

ParameterUnitsResultResultRPDQualifiersNitrate-Nitrite (as N)mg/L<0.050</td><0.050</td>

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

QC Batch: 274615 Analysis Method: EPA 353.2

QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate, Unpres.

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230003003, 70230003007, 70230003008, 70230003009, 70230003010

METHOD BLANK: 1387276 Matrix: Water

Associated Lab Samples: 70230003003, 70230003007, 70230003008, 70230003009, 70230003010

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

Nitrate-Nitrite (as N) mg/L <0.037 0.037 09/22/22 07:18

LABORATORY CONTROL SAMPLE: 1387277

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Nitrate-Nitrite (as N) 1.0 104 90-110 mg/L

MATRIX SPIKE SAMPLE: 1387278

MS % Rec 70230278004 Spike MS Parameter Units Result Conc. Result % Rec Limits Qualifiers 0.56 Nitrate-Nitrite (as N) mg/L 0.5 1.1 104 90-110

MATRIX SPIKE SAMPLE: 1387280

Parameter Units Result Conc. Result % Rec Limits Qualifiers

Nitrate-Nitrite (as N) mg/l 3.6 2.5 5.9 91 90-110

Nitrate-Nitrite (as N) mg/L 3.6 2.5 5.9 91 90-110

SAMPLE DUPLICATE: 1387279

 Parameter
 Units
 Result Result Result RPD
 Qualifiers

 Nitrate-Nitrite (as N)
 mg/L
 0.56
 0.51
 9

SAMPLE DUPLICATE: 1387281

Date: 12/09/2022 01:59 PM

 Parameter
 Units
 70230268006 Result
 Dup Result
 RPD
 Qualifiers

 Nitrate-Nitrite (as N)
 mg/L
 3.6
 3.5
 5

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

QC Batch: 274640 Analysis Method: SM22 4500 NH3 H
QC Batch Method: SM22 4500 NH3 H Analysis Description: 4500 Ammonia

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230003001, 70230003002

METHOD BLANK: 1387539 Matrix: Water

Associated Lab Samples: 70230003001, 70230003002

Blank Reporting
Parameter Units Result Limit Analyzed Qualifiers

Nitrogen, Ammonia mg/L <0.050 0.050 09/22/22 12:53

LABORATORY CONTROL SAMPLE: 1387540

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Nitrogen, Ammonia mg/L 0.96 96 90-110

MATRIX SPIKE SAMPLE: 1387541

70230021001 MS MS % Rec Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers 22.7 mg/L 31.2 Nitrogen, Ammonia 10 85 75-125

SAMPLE DUPLICATE: 1387542

Date: 12/09/2022 01:59 PM

ParameterUnits70230021001 ResultDup ResultRPDQualifiersNitrogen, Ammoniamg/L22.722.51

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

QC Batch: 275044 Analysis Method: SM22 4500 NH3 H
QC Batch Method: SM22 4500 NH3 H Analysis Description: 4500 Ammonia

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230003003, 70230003004, 70230003005

METHOD BLANK: 1389811 Matrix: Water

Associated Lab Samples: 70230003003, 70230003004, 70230003005

Blank Reporting
Parameter Units Result Limit Analyzed Qualifiers

Nitrogen, Ammonia mg/L <0.050 0.050 09/26/22 13:17

LABORATORY CONTROL SAMPLE: 1389812

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Nitrogen, Ammonia mg/L 0.97 97 90-110

MATRIX SPIKE SAMPLE: 1389813

70230003004 MS MS % Rec Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers 0.43 mg/L Nitrogen, Ammonia 1.4 99 75-125

SAMPLE DUPLICATE: 1389814

Date: 12/09/2022 01:59 PM

ParameterUnits70230003004 ResultDup ResultRPDQualifiersNitrogen, Ammoniamg/L0.430.442

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

QC Batch: 275045 Analysis Method: SM22 4500 NH3 H
QC Batch Method: SM22 4500 NH3 H Analysis Description: 4500 Ammonia

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230003006, 70230003007, 70230003008, 70230003009, 70230003010

METHOD BLANK: 1389819 Matrix: Water

Associated Lab Samples: 70230003006, 70230003007, 70230003008, 70230003009, 70230003010

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

Nitrogen, Ammonia mg/L <0.050 0.050 09/26/22 13:49

LABORATORY CONTROL SAMPLE: 1389820

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Nitrogen, Ammonia mg/L 0.99 99 90-110

MATRIX SPIKE SAMPLE: 1389821

MS MS % Rec 70230522003 Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers < 0.10 mg/L 0.91 Nitrogen, Ammonia 87 75-125

SAMPLE DUPLICATE: 1389822

Date: 12/09/2022 01:59 PM

ParameterUnits70230522003 ResultDup ResultRPDQualifiersNitrogen, Ammoniamg/L<0.10</td><0.10</td>

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

QC Batch: 274643 Analysis Method: EPA 9014 Total Cyanide
QC Batch Method: EPA 9010C Analysis Description: 9014 Cyanide, Total

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230003001, 70230003002

METHOD BLANK: 1387551 Matrix: Water

Associated Lab Samples: 70230003001, 70230003002

Blank Reporting
Parameter Units Result Limit Analyzed Qualifiers

Cyanide ug/L <10.0 10.0 09/22/22 19:09

LABORATORY CONTROL SAMPLE: 1387552

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Cyanide ug/L 75 73.8 98 85-115

MATRIX SPIKE SAMPLE: 1387553

MS MS % Rec 70229354004 Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers <10.0 Cyanide ug/L 100 105 104 75-125

SAMPLE DUPLICATE: 1387554

Date: 12/09/2022 01:59 PM

ParameterUnits70229354004 ResultDup ResultRPDQualifiersCyanideug/L<10.0</td><10.0</td>

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

QC Batch: 276025 Analysis Method: EPA 9014 Total Cyanide
QC Batch Method: EPA 9010C Analysis Description: 9014 Cyanide, Total

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230003003, 70230003004, 70230003005, 70230003006, 70230003007, 70230003008, 70230003009,

70230003010

METHOD BLANK: 1394509 Matrix: Water

Associated Lab Samples: 70230003003, 70230003004, 70230003005, 70230003006, 70230003007, 70230003008, 70230003009,

70230003010

ParameterUnitsBlank Reporting ResultReporting LimitAnalyzedQualifiersCyanideug/L<10.0</td>10.010/03/22 19:52

LABORATORY CONTROL SAMPLE: 1394510

Spike LCS LCS % Rec Parameter Units Conc. Result % Rec Limits Qualifiers 75 70.1 94 85-115 Cyanide ug/L

MATRIX SPIKE SAMPLE: 1394511

70230003004 MS MS Spike % Rec Parameter Units Result Conc. Result % Rec Limits Qualifiers 10.2 100 92.4 82 75-125 Cyanide ug/L

SAMPLE DUPLICATE: 1394512

Date: 12/09/2022 01:59 PM

 Parameter
 Units
 70230003004 Result
 Dup Result
 RPD
 Qualifiers

 Cyanide
 ug/L
 10.2
 <10.0</td>

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: 275517

[1] The post digestion spike for sample 70230003004 (PDS 1392171) exceeded acceptance criteria for Calcium, and Sodium.

ANALYTE QUALIFIERS

Date: 12/09/2022 01:59 PM

- B Analyte was detected in the associated method blank.
- H1 Analysis conducted outside the EPA method holding time.
- H2 Extraction or preparation conducted outside EPA method holding time.
- M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- R1 RPD value was outside control limits.
- S0 Surrogate recovery outside laboratory control limits.
- Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-extraction and/or re-analysis)



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica Batch
70230003001	MW-C16	RSK-175	 275424	RSK-175	276094
0230003002	MW-13S	RSK-175	275424	RSK-175	276094
0230003003	MW-24S	RSK-175	275424	RSK-175	276094
0230003004	MW-C11	RSK-175	275424	RSK-175	276094
0230003005	MW-C12	RSK-175	275424	RSK-175	276094
0230003006	DUP	RSK-175	275424	RSK-175	276094
0230003007	MW-45S	RSK-175	275424	RSK-175	276094
70230003008	MW-40	RSK-175	275424	RSK-175	276094
0230003009	MW-31S	RSK-175	275424	RSK-175	276094
70230003010	MW-23S	RSK-175	275424	RSK-175	276094
70230003001	MW-C16	EPA 3005A	275258	EPA 6010C	275517
70230003002	MW-13S	EPA 3005A	275258	EPA 6010C	275517
70230003003	MW-24S	EPA 3005A	275258	EPA 6010C	275517
70230003004	MW-C11	EPA 3005A	275258	EPA 6010C	275517
70230003005	MW-C12	EPA 3005A	275258	EPA 6010C	275517
0230003006	DUP	EPA 3005A	275258	EPA 6010C	275517
0230003007	MW-45S	EPA 3005A	275258	EPA 6010C	275517
70230003008	MW-40	EPA 3005A	275258	EPA 6010C	275517
0230003009	MW-31S	EPA 3005A	275258	EPA 6010C	275517
0230003010	MW-23S	EPA 3005A	276202	EPA 6010C	276283
70230003001	MW-C16	EPA 3510C	274841	EPA 8270E SIM	275037
70230003002	MW-13S	EPA 3510C	274841	EPA 8270E SIM	275037
70230003003	MW-24S	EPA 3510C	275047	EPA 8270E SIM	275126
70230003004	MW-C11	EPA 3510C	274841	EPA 8270E SIM	275037
70230003005	MW-C12	EPA 3510C	274841	EPA 8270E SIM	275037
0230003006	DUP	EPA 3510C	274841	EPA 8270E SIM	275037
0230003007	MW-45S	EPA 3510C	275047	EPA 8270E SIM	275126
0230003008	MW-40	EPA 3510C	275047	EPA 8270E SIM	275126
0230003009	MW-31S	EPA 3510C	275047	EPA 8270E SIM	275126
0230003010	MW-23S	EPA 3510C	275047	EPA 8270E SIM	275126
70230003010	MW-23S	EPA 3510C	275611	EPA 8270E SIM	275879
70230003001	MW-C16	EPA 8260C/5030C	274598		
70230003002	MW-13S	EPA 8260C/5030C	274598		
0230003003	MW-24S	EPA 8260C/5030C	275392		
70230003004	MW-C11	EPA 8260C/5030C	275392		
0230003005	MW-C12	EPA 8260C/5030C	275392		
0230003006	DUP	EPA 8260C/5030C	275392		
0230003007	MW-45S	EPA 8260C/5030C	275392		
70230003008	MW-40	EPA 8260C/5030C	275392		
0230003009	MW-31S	EPA 8260C/5030C	275392		
0230003010	MW-23S	EPA 8260C/5030C	275392		
70230003001	MW-C16	SM22 2320B	274660		
	MW-13S	SM22 2320B	274660		



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

_ab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica Batch
70230003003	MW-24S	SM22 2320B	275034	_	
0230003004	MW-C11	SM22 2320B	275034		
0230003005	MW-C12	SM22 2320B	275034		
0230003006	DUP	SM22 2320B	275034		
0230003007	MW-45S	SM22 2320B	275034		
0230003008	MW-40	SM22 2320B	275034		
0230003009	MW-31S	SM22 2320B	275034		
0230003010	MW-23S	SM22 2320B	275034		
0230003001	MW-C16	EPA 300.0	275301		
0230003002	MW-13S	EPA 300.0	275301		
0230003003	MW-24S	EPA 300.0	275302		
0230003004	MW-C11	EPA 300.0	275302		
0230003005	MW-C12	EPA 300.0	275302		
0230003006	DUP	EPA 300.0	275302		
0230003007	MW-45S	EPA 300.0	275302		
0230003008	MW-40	EPA 300.0	275302		
0230003009	MW-31S	EPA 300.0	275302		
0230003010	MW-23S	EPA 300.0	275302		
0230003001	MW-C16	EPA 353.2	274402		
0230003002	MW-13S	EPA 353.2	274402		
0230003003	MW-24S	EPA 353.2	274615		
0230003004	MW-C11	EPA 353.2	274614		
0230003005	MW-C12	EPA 353.2	274614		
0230003006	DUP	EPA 353.2	274614		
0230003007	MW-45S	EPA 353.2	274615		
0230003008	MW-40	EPA 353.2	274615		
0230003009	MW-31S	EPA 353.2	274615		
0230003010	MW-23S	EPA 353.2	274615		
0230003001	MW-C16	EPA 353.2	274393		
0230003002	MW-13S	EPA 353.2	274393		
0230003003	MW-24S	EPA 353.2	274605		
0230003004	MW-C11	EPA 353.2	274608		
0230003005	MW-C12	EPA 353.2	274605		
0230003006	DUP	EPA 353.2	274605		
0230003007	MW-45S	EPA 353.2	274605		
0230003008	MW-40	EPA 353.2	274605		
0230003009	MW-31S	EPA 353.2	274605		
0230003010	MW-23S	EPA 353.2	274605		
0230003001	MW-C16	SM22 4500 NH3 H	274640		
0230003002	MW-13S	SM22 4500 NH3 H	274640		
0230003003	MW-24S	SM22 4500 NH3 H	275044		
0230003004	MW-C11	SM22 4500 NH3 H	275044		
0230003005	MW-C12	SM22 4500 NH3 H	275044		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NYSEG-ITHICA COURT STREET PROJ

Pace Project No.: 70230003

Date: 12/09/2022 01:59 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica Batch
70230003006	DUP	SM22 4500 NH3 H	275045		
70230003007	MW-45S	SM22 4500 NH3 H	275045		
70230003008	MW-40	SM22 4500 NH3 H	275045		
70230003009	MW-31S	SM22 4500 NH3 H	275045		
70230003010	MW-23S	SM22 4500 NH3 H	275045		
70230003001	MW-C16	EPA 9010C	274643	EPA 9014 Total Cyanide	274775
0230003002	MW-13S	EPA 9010C	274643	EPA 9014 Total Cyanide	274775
70230003003	MW-24S	EPA 9010C	276025	EPA 9014 Total Cyanide	276178
70230003004	MW-C11	EPA 9010C	276025	EPA 9014 Total Cyanide	276178
70230003005	MW-C12	EPA 9010C	276025	EPA 9014 Total Cyanide	276178
70230003006	DUP	EPA 9010C	276025	EPA 9014 Total Cyanide	276178
70230003007	MW-45S	EPA 9010C	276025	EPA 9014 Total Cyanide	276178
70230003008	MW-40	EPA 9010C	276025	EPA 9014 Total Cyanide	276178
70230003009	MW-31S	EPA 9010C	276025	EPA 9014 Total Cyanide	276178
70230003010	MW-23S	EPA 9010C	276025	EPA 9014 Total Cyanide	276178

WO#:70230003

CHAIN-OF-CUSTO

The Chain-of-Custody is a LE ent and acceptance of the Pace T

Pace

Required Client Information

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace

aly. rd-terms.pdf.

SAMPLE CONDITIONS ŏ Regulatory Agency State / Location Page: Residual Chlorine (Y/N) 20 31 3.6 TIME Requested Analysis Filtered (Y/N) Ferrous Iron × × × × 9/21/20 9/16 DATE Total Iron by 6010 × × × × × × × KSK Methane × × × × × × × × Nirale, Ammonia × × × × × × × Sulfate, Alkalinity, Nitrite × × × × × × × × × × Cyanide × × × × × × × × × × × × latoya.sobralle@pacelabs.com × tail HA9 MIS 0758 × × × × × ACCEPTED BY / AFFILIATION × BTEX 8260 × × × × N/A Analyses Test Ofher Methanol Na2S2O3 4 H 4 HOPN 4 \leftarrow **C** 7 Pace Project Manager: 981 7 HCI 7 7 5 J J Involce Information: ... EONH 1 N 777 2 2 Sompany Name Pace Profile #: 18-20 Address; Pace Quole: d 4 त 4 H 4 ₩S2O4 H 6 2/20/24 1600 Attention: TIME 3 3 3 3 Unpreserved 9 3 3 30) 3 9 **ЗИЗИГЕНИЕ В В ОЕ СОИТАІИЕ В В** NYSEG- ITHACA COURT STREET PROJECT SAMPLE TEMP AT COLLECTION 120 DATE おり 830 1455 9/20 1455 9/20 930 9/11/102/5 830 830 9/20 1425 19/20 1425 19/201930 9/20 1300 9/20 1300 TIME 5 SNO 9/20 8/20 07/ CER DATE 9/20 COLLECTED 0 RELINQUISHED BY LAFFILLATION 830 830 830 TIME 69/20930 WT G 9/20 MAN NTG 9/20 1145 755 START Peros. 9/20 07/20 9/20 9/20 Required Project Information: Report To: Breana Pabst Breana Pabst S - CJ ত \overline{o} ত ত gara SAMPLETYPE (G=GRAB C=COMP) 0 ž M M ₹ Purchase Order #: 5 MATRIX COOE (see valid codes to left) 5 Project Name: Copy To: Project #: CODE WWW WW SI OL OL TS MATRIX
Drinking Water
Waste Water
Waste Vater
Product
Soli/Solid
Oil
Wipe
Air
Tassue 4 Seb B. 1.5. MSD ADDITIONAL COMMENTS (A-Z, 0-9 / , -) Sample Ids must be unique S One Character per box. Z SAMPLE ID bpabst@geiconsultants.com 1301 Trumansburg Rd 1968 MW-245 といっつつ WW-225 **GEI Consultants** MM-45S MW-315 Phone: 607-216-8955 Requested Due Date: MW-CI MW-CI MM-CII MM-40 Suite N, Ithaca, NY 14850 MM-C 5 セン 208 75 Address: 2210 F 453 194 455 \$ 231 F Phone: Ð # Email # M3TI

Page 64 of 67

(NEA) LOUIS .

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Cooler palead

Custody

TEMP in C

(V/V) Received on

2/201/20

DATE Signed:

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Breeze

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

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Dans

SIGNATURE of SAMPLER:

W0#:70230003 W0#:70230003 CHAIN-OF-CUSTODY / 4 The Chain-of-Custody is a LEGAL DO Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Section B
Required Project Information:
Report 70: Matter Smith Parkers (Cubs) PM: BDR Section A Section C Due Date: 10/04/22 Required Client Information: Invoice Information: GEI Consultants CLIENT: GEI-I Capy Ta: Company Nume Sulfa N, Jithaca, NY 14850 Address Opanor wichase Order # Paca Quote one 607-216-8555 equation Due Date: Project Name: NYSEG-ITHACA COURT STREET PROJECT Project #: Pace Project Manager NY (see valid codes to teh) X.N MATRIX
Dinakog Wajer
Water
Waste Warer
Product
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Lasue COLLECTED Preservatives SAMPLE TEMP AT COLLECTION Residual Chlorine (Y/N) SAMPLE ID RSK Methano Total Iron by 6010 START 8270 SIM PAH INI # OF CONTAINERS Suifate, Alkalinity. Nitrate, Ammeria One Character per box (A-Z, 0.9 / , ·) Sample lds must be unique MATRIX CODE (Unpreserved H2SO4 5 BTEX 8260 NaOH Na2S203 ITEM # Methanol Cyanide HND3 닺 WWW.CTTwτ 2 WT MXXXX 3 (NW-016) 9/19 1100 79/19 1100 WΤ WT 4 WΓ wr 9/19/100 9/19 1100 $\mathbb{K} \times \mathbb{K} \times \mathbb{K}$ WT 9 WT x x x x 10 WI 11 WT ADDITIONAL COMMENTS RELINQUISHED BY / AFFILIATION DATE TIME ACCEPTED BY / AFFILIATION SAMPLE CONDITIONS DATE Breana Pabel /GEI 9/19 solder Ferrous iron 16:09 9/19 16:04 to Pace NE 9/15 14:00 Direc 4 Thopa 12.2 SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: TEMP in C Breene Palost Recting in (Y/N)
Custoy
Scale Cooler
Trub
Samples intact
(Y/N)

SIGNATURE of SAMPLER:

DATE Signed:

9/19/22

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Sample (

Face Analytical *

Client Name

Counter(Sched EXC) UPS Client Commercial Clace Cuther Tracking #: 7/25, 7/25

Custody Seal on Cooler/Box Prosent:

PM: BDR

Due Date: 10/04/22 CLIENT: GEI-I

Custody Seal on Cooler/Box Prosent. Cyrs OND Seals intact. (Cyres) No ON, Packing Material: Claubbe Wrap Claubhe Bags (Claido One Other Prosents)

Type of Ice: 'Wei Blue None
[]Samples on ice, cooling process has begun
Date/Time 5035A kits placed jii freezer

Correction Factor: + O, | Cooler Temperature Corrected(*C);

Temp should be above (regaing to 5,0°C USDA Regulated Soil (XDA/A, water sample)

Thermometer Used: Anoth フェナメ

Cooler Temperature(°C);

Date and Initials of person examining contents: $\mathcal{KP}^{\mathcal{I}}$

Oid samples orignate from a foreign source including Hawaii and Puerto Rico)? bid samples anginate in a quaranting zone within the United States; AL, AR, CA. Ft., GA, 10, LA, MS, NC,

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork. ☐ Yes ☐No NM, NY, OK, OR, SC, TN, TX, or VA (check map)?

				COMMENTS
chain of Custody Present:	Tal/es	SNC		
Chain of Eustody Filled Out:	/KIYes	DNa	36	2
Chain of Custody Relinquished:	Zives	OND		33
Sampler Name & Signature on COC:	'Elles	ONO	CN/A	4,
Samples Arrived within Hold Time.	Chies	OND		5
Short Hold Time Analysis [2hr]:</td <td>Gles</td> <td>CWO</td> <td></td> <td>6.</td>	Gles	CWO		6.
Rush Turn Around Time Requested:	OYes	CNEX		7,
Sufficient Volume: (Triple volume provided for (ERes	for Uzives	SE SE		
Correct Containers Used:	Zilves	SNO		6
-Pace Containers Used:	Elives.	ONO.		
Containers Intact:	1	ONO.		10.
Filtered valume received for Dissalved tests	S CIVES	oNO.	-CM/A	II. Note if Sediment is well-in the discoulant containing
Sample Labels match COC;	⊠Yes	ONC)		
-includes date/time/ID, Matrix: St. Wt/ Oil.	OLL			
All containers needing preservation have been gives checked?	sen Zives	ONI	V/NO	13. CHNO ₃ CH ₂ SO ₄ CH ₈ BH CHCI
un paper tot # 14 C 6 18 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	nd to be			Samula #
in compliance with method recommendation?	n?			+ ard upo
[IHNO3. HzSO4, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	Calles	ONO.	CJN/A	1111
Exceptions: VOA, Coliform, TOC/00C, Oil and Grease,	Grease,			
0KO/8015 [water] Per Method VOA att is shooted after				Initial when completed: Lot # of added Date/Time preservative
Samples checked for dechlorination:	יסערו	olaci	11/100	preservative; added;
KI starch test strips Lot #	3	C.IIVO	KAKA	2
Residual chlorine strips Lot #				Page the Des Chlosing V
SM 4500 CN samples checked for sulfide?	Oyes	ONO	V/MCI	15.
Lead Acetate Strins Lot #			N	Positive for Sulfide? Y N
Headspace in VOA Vials [>6mm].	CIVes	01/10	CM/A	
rip Blank Present	□Yes	CAK90	CNV/A	17.
Trip Blank Custody Seals Present Pace Trip Blank Lot # (if appilicable)	OYes	ONO	× 5	
Client Notification/ Resolution:				Field Data Remirrent?
Person Contacted				

* PM [Project Manager] review is documented electronically in LIMS,

ENV-FRM-MELV-0024 01

Date/Time:

Comments/ Resolution Person Contacted.

		Sampl	e Condi	tion Upon Re	eceip	t	000	000)
Pace Analytical®						詳: (UZS	0003)
/ . door thany thou	Clien	t Name:	- 191	Prc			Du	e Date: 1	0/04/22
Couries Artest English Thomas Cour		(95	1-1		PM:	BDK			
Courier: Fed Ex UPS USPS Clie	nt Com	mercial	□ace □	ther	CLIF	ENT : GE	[-1		
Tracking #: 7719 8711 7	43/	8							
Custody Seal on Cooler/Box Present:	Mes N	o Seal	s intact:	Yes□ No □ N/A		i empera	ture Blank	Present: (Yes No
Packing Material: Bubble Wrap Bubble	ole Bags	Ziploc	youe	Other	1	Type of lo	:e: W	Blue None	
Thermometer Used: THOSI 74148	Corre	ction Fac	tor: + 0.	d		Samples o	on ice, coof	ing process h	as begun
Cooler Temperature(°C):	Coole	r Temper	ature Corre	cted(°C): /. Z		_0ate/Tim	e 5035A ki	ts placed in	freezer
Temp should be above freezing to 6.0°C		9	2						1/21/
USDA Regulated Soil () N/A, water samp				Oate and Initial	ls of per	rson exami	ning conte	ents: (())	h
Oid samples originate in a quarantine zone	within the	United St	ates: AL, AR, (CA, FL, GA, IO, LA, MS.	NC.			from a forei	In cource
NM, NY, UK, UR, SC, TN, TX, or VA (check map]? □\	′es □No	ı			including !	hae iiswal	Puerto Dico 12	Yes X No
If Yes to either question, fill out a Regula	ited Soil (Checklist	(F-LI-C-010)	and include with Si	CUR/CC)C nanerwo	nrk	rueito kicoj:	THEST IN
					331,700		MMENTS:		
Chain of Custody Present:	ZiYes	□No		1.			K ILITIO.		
Chain of Custody Filled Out:	Yes	□No	3	2.					
Chain of Custody Relinquished:	□Yes	□No		3.					i
Sampler Name & Signature on COC:	ØŶes	□No	□N/A	4.					
Samples Arrived within Hold Time:	ØÝes	□No		5.	1				
Short Hold Time Analysis (<72hr):	ZYes	□No		6.					
Rush Turn Around Time Requested:	√ □Yes	₽No	1	7.					
Sufficient Volume: (Triple volume provided fo	or Ic Yes	□No		8.					
Correct Containers Used:	□Yes	□No		9.					
-Pace Containers Used:	□Ves	□No		- Table					
Containers Intact:	⊠Yes	□No		10.					
Filtered volume received for Oissolved tests	□Yes	□No	ØN/A	II. Note it	if sedimo	ent is visible	in the disc	solved contain	
Sample Labels match COC:	Yes	□No		12.		one to violote	, III tile 013t	Solved Corredi	ici.
-Includes date/time/ID, Matrix: SL WT						×			
All containers needing preservation have bee	en ElYes	□No	□N/A	13. □ HNO	$\overline{)_3}$ [□ H₂SO₄	□ NaOH	□ HCI	
checked?						- ,		2	
pH paper Lot # 111 8594									
All containers needing preservation are found	d to be			Sample #					
in compliance with method recommendation						9			
(HNO ₃ , H ₂ SO ₄ , HCI, NaOH>9 Sulfide, NAOH>12 Cyanide)	Di Yes	□No	□N/A	1					.X
							20		ä
Exceptions: VOA, Coliform, TOC/OOC, Oil and G ORO/8015 (water).	rease,						12		
Per Method, VOA pH is checked after analysis				Initial when comple	eted: L	ot # of add.	ed	Date/Time	preservative
Samples checked for dechlorination:					p	reservative	. 1	added:	-
KI starch test strips Lot #	□Yes	□No	/N/A	14.					
Residual chlorine strips Lot #			1			,	E		
SM 4500 CN samples checked for sulfide?			-/		for Res. (Chlorine? Y	N		
Lead Acetate Strips Lot #	□Yes	□No	ØN/A	15.				15	9
Headspace in VOA Vials (>6mm):		entr		Positive for	or Sulfic	ie? Y	N		
rip Blank Present:	□Yes	ZNO	□N/A	16.		6			¥)
rip Blank Custody Seals Present	□Yes	DNO.	□N/A	17.					
Pace Trip Blank Lot # (if applicable):	□Yes	□No	PN/A						i
Client Notification/ Resolution:									
Person Contacted:				Field Data Required		Υ	/ N		
comments/ Resolution:				Date/Tir	me:				
,									

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





November 18, 2022

Bruce Coulombe GEI Consultants 1301 Trumansburg Rd Ithaca, NY 14850

RE: Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Dear Bruce Coulombe:

Enclosed are the analytical results for sample(s) received by the laboratory on September 22, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

• Pace Analytical Services - Melville

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

Sincerely,

Brianna D. Rivera brianna.rivera@pacelabs.com (631)694-3040 Project Manager

Enclosures

cc: Breana Pabst, GEI Consultants



(631)694-3040



CERTIFICATIONS

Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747 Connecticut Certification #: PH-0435 Delaware Certification # NY 10478

Maryland Certification #: 208

Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987 New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350 Rhode Island Certification #: LAO00340

Virginia Certification # 460302



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Method: RSK-175

Description: RSK 175 Dissolved Gases

Client: GEI Consultants

Date: November 18, 2022

General Information:

6 samples were analyzed for RSK-175 by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with RSK-175 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Method: EPA 6010C
Description: 6010 MET ICP
Client: GEI Consultants
Date: November 18, 2022

General Information:

6 samples were analyzed for EPA 6010C by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3005A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Method: EPA 8270E SIM

Description: 8270E MSSV PAH by SIM

Client: GEI Consultants

Date: November 18, 2022

General Information:

6 samples were analyzed for EPA 8270E SIM by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H2: Extraction or preparation conducted outside EPA method holding time.

• MW-22S (Lab ID: 70230444001)

• MW-25S (Lab ID: 70230444002)

• MW-33S (Lab ID: 70230444003)

• MW-46S (Lab ID: 70230444004)

• MW-47S (Lab ID: 70230444005)

• MW-48S (Lab ID: 70230444006)

Sample Preparation:

The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 275175

S0: Surrogate recovery outside laboratory control limits.

• LCS (Lab ID: 1390720)

• 2-Methylnaphthalene-d10 (S)

• MW-33S (Lab ID: 70230444003)

• 2-Methylnaphthalene-d10 (S)

QC Batch: 275819

S0: Surrogate recovery outside laboratory control limits.

• MW-47S (Lab ID: 70230444005)

• 2-Methylnaphthalene-d10 (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Method: EPA 8270E SIM

Description: 8270E MSSV PAH by SIM

Client: GEI Consultants

Date: November 18, 2022

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 275819

R1: RPD value was outside control limits.

LCSD (Lab ID: 1393493)Benzo(k)fluoranthene

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Method: EPA 8260C/5030C
Description: 8260C Volatile Organics
Client: GEI Consultants
Date: November 18, 2022

General Information:

6 samples were analyzed for EPA 8260C/5030C by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Method: SM22 2320B
Description: 2320B Alkalinity
Client: GEI Consultants
Date: November 18, 2022

General Information:

6 samples were analyzed for SM22 2320B by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Method: EPA 300.0

Description: 300.0 IC Anions 28 Days

Client: GEI Consultants

Date: November 18, 2022

General Information:

6 samples were analyzed for EPA 300.0 by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 275536

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 70230411006,70230522001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1392251)
 - Sulfate

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Method: EPA 353.2

Description: 353.2 Nitrogen, NO2/NO3 unpres

Client: GEI Consultants

Date: November 18, 2022

General Information:

6 samples were analyzed for EPA 353.2 by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 274805

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 70230411006,70230434001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1388365)
 - Nitrate-Nitrite (as N)

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.



PROJECT NARRATIVE

Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Method: EPA 353.2

Description: 353.2 Nitrogen, NO2
Client: GEI Consultants
Date: November 18, 2022

General Information:

6 samples were analyzed for EPA 353.2 by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 274801

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 70230434001,70230535005

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1388343)
 - Nitrite as N

QC Batch: 274802

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 70230306005,70230411006

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1388349)
 - Nitrite as N

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:



PROJECT NARRATIVE

Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Method: SM22 4500 NH3 H
Description: 4500 Ammonia Water
Client: GEI Consultants
Date: November 18, 2022

General Information:

6 samples were analyzed for SM22 4500 NH3 H by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:



PROJECT NARRATIVE

Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Method: EPA 9014 Total Cyanide
Description: 9014 Cyanide, Total
Client: GEI Consultants
Date: November 18, 2022

General Information:

6 samples were analyzed for EPA 9014 Total Cyanide by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 9010C with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Date: 11/18/2022 11:04 AM

Sample: MW-22S	Lab ID: 7023	30444001	Collected: 09/21/2	22 08:55	Received: 09)/22/22 10:15 N	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases	Analytical Meth	od: RSK-1	75 Preparation Meth	od: RSK	-175			
	Pace Analytical	Services -	Melville					
Methane, Dissolved	1050	ug/L	215	215	09/28/22 13:02	09/30/22 12:31	74-82-8	В
6010 MET ICP	Analytical Meth	od: FPA 60	010C Preparation Me	ethod: Fl	PA 3005A			
5010 III_1 101	Pace Analytical		•	,ou. <u>-</u> .	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
ron	8220	ug/L	100	1	10/04/22 10:39	10/04/22 23:47	7439-89-6	
8270E MSSV PAH by SIM	Analytical Meth	od: EPA 82	270E SIM Preparatio	n Metho	d: EPA 3510C			
	Pace Analytical							
Acenaphthene	1.4	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:23	83-32-9	
Acenaphthene	1.4	ug/L	0.020	1	09/30/22 11:52	10/04/22 20:19	83-32-9	H2
Acenaphthylene	<0.020	ug/L	0.020	1		09/28/22 21:23		
Acenaphthylene	<0.020	ug/L	0.020	1		10/04/22 20:19		H2
Anthracene	<0.020	ug/L	0.020	1		09/28/22 21:23		
Anthracene	<0.020	ug/L	0.020	1		10/04/22 20:19		H2
Benzo(a)anthracene	<0.020	ug/L	0.020	1		09/28/22 21:23		
Benzo(a)anthracene	<0.020	ug/L	0.020	1		10/04/22 20:19		H2
Benzo(a)pyrene	<0.020	ug/L ug/L	0.020	1		09/28/22 21:23		112
Benzo(a)pyrene	<0.020	ug/L	0.020	1		10/04/22 20:19		H2
Benzo(b)fluoranthene	<0.020	ug/L ug/L	0.020	1		09/28/22 21:23		112
Benzo(b)fluoranthene	<0.020 <0.020			1		10/04/22 20:19		H2
` '		ug/L	0.020			09/28/22 21:23		ПΖ
Benzo(g,h,i)perylene	<0.020 <0.020	ug/L	0.020 0.020	1 1		10/04/22 20:19		H2
Benzo(g,h,i)perylene		ug/L						ПZ
Benzo(k)fluoranthene	<0.020	ug/L	0.020	1		09/28/22 21:23		1.10
Benzo(k)fluoranthene	<0.020	ug/L	0.020	1		10/04/22 20:19		H2
Chrysene	<0.020	ug/L	0.020	1		09/28/22 21:23		
Chrysene	<0.020	ug/L	0.020	1		10/04/22 20:19		H2
Dibenz(a,h)anthracene	<0.020	ug/L	0.020	1		09/28/22 21:23		
Dibenz(a,h)anthracene	<0.020	ug/L	0.020	1		10/04/22 20:19		H2
Fluoranthene	<0.020	ug/L	0.020	1		09/28/22 21:23		
Fluoranthene	<0.020	ug/L	0.020	1		10/04/22 20:19		H2
Fluorene	0.021	ug/L	0.020	1		09/28/22 21:23		
Fluorene	0.020	ug/L	0.020	1		10/04/22 20:19		H2
ndeno(1,2,3-cd)pyrene	<0.020	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:23	193-39-5	
ndeno(1,2,3-cd)pyrene	<0.020	ug/L	0.020	1	09/30/22 11:52	10/04/22 20:19	193-39-5	H2
Naphthalene	0.22	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:23	91-20-3	
Naphthalene	0.25	ug/L	0.020	1	09/30/22 11:52	10/04/22 20:19	91-20-3	H2
Phenanthrene	<0.020	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:23	85-01-8	
Phenanthrene	<0.020	ug/L	0.020	1	09/30/22 11:52	10/04/22 20:19	85-01-8	H2
Pyrene	<0.020	ug/L	0.020	1	09/27/22 11:02	09/28/22 21:23	129-00-0	
Pyrene	<0.020	ug/L	0.020	1	09/30/22 11:52	10/04/22 20:19	129-00-0	H2
Surrogates								
Fluoranthene-d10 (S)	73	%	40-112	1	09/30/22 11:52	10/04/22 20:19	93951-69-0	
Fluoranthene-d10 (S)	73	%	40-112	1	09/27/22 11:02	09/28/22 21:23	93951-69-0	
2-Methylnaphthalene-d10 (S)	58	%	44-146	1	09/30/22 11:52	10/04/22 20:19	7297-45-2	
2-Methylnaphthalene-d10 (S)	53	%	44-146	1	09/27/22 11:02	09/28/22 21:23	7297-45-2	



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Date: 11/18/2022 11:04 AM

Sample: MW-22S	Lab ID: 7023	30444001	Collected: 09/21/2	2 08:55	Received: 09	/22/22 10:15 N	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
2260C Volatile Organics	Analytical Meth	nod: EPA 82	260C/5030C					
	Pace Analytica	l Services -	Melville					
Benzene	13.4	ug/L	1.0	1		09/29/22 19:40	71-43-2	
Ethylbenzene	10.6	ug/L	1.0	1		09/29/22 19:40	100-41-4	
oluene	<1.0	ug/L	1.0	1		09/29/22 19:40		
(ylene (Total)	5.6	ug/L	3.0	1		09/29/22 19:40	1330-20-7	
Surrogates ,2-Dichloroethane-d4 (S)	109	%	81-122	1		09/29/22 19:40	17060-07-0	
-Bromofluorobenzene (S)	92	%	79-118	1		09/29/22 19:40		
oluene-d8 (S)	114	%	82-122	1		09/29/22 19:40		
	Analytical Meth	ad CM22 (220P					
320B Alkalinity	Pace Analytica							
Alkalinity, Total as CaCO3	347	mg/L	1.0	1		09/27/22 14:32		
00.0 IC Anions 28 Days	Analytical Meth	nod: EPA 30	0.00					
•	Pace Analytica	l Services -	Melville					
Sulfate	187	mg/L	25.0	5		10/04/22 05:49	14808-79-8	
53.2 Nitrogen, NO2/NO3 unpres	Analytical Meth	nod: EPA 35	53.2					
	Pace Analytica	l Services -	Melville					
litrate as N	0.060	mg/L	0.050	1		09/23/22 01:37	14797-55-8	
Nitrate-Nitrite (as N)	0.072	mg/L	0.050	1		09/23/22 01:37		
53.2 Nitrogen, NO2	Analytical Meth	nod: FPA 35	3.2					
33.2 Millogell, NO2	Pace Analytica							
Nitrite as N	<0.050	mg/L	0.050	1		09/22/22 23:08	14797-65-0	
500 Ammonia Water	Analytical Meth	nod: SM22	4500 NH3 H					
Soo Ammonia Water	Pace Analytica							
litrogen, Ammonia	3.3	mg/L	0.10	1		09/26/22 14:00	7664-41-7	
014 Cyanide, Total	Analytical Meth Pace Analytica		014 Total Cyanide Pr Melville	eparatior	n Method: EPA 9	010C		
	•							



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Date: 11/18/2022 11:04 AM

Sample: MW-25S	Lab ID: 702	30444002	Collected:	09/21/2	22 07:55	Received: 0	9/22/22 10:15 I	Matrix: Water	
Parameters	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases	Analytical Metl	hod: RSK-1	75 Preparatio	n Meth	od: RSK	-175			
	Pace Analytica	al Services -	Melville						
Methane, Dissolved	<215	ug/L		215	215	09/28/22 13:02	09/30/22 13:06	74-82-8	В
6010 MET ICP	Analytical Metl	hod: EPA 60	10C Prepara	ition Me	ethod: Ef	PA 3005A			
	Pace Analytica	al Services -	Melville						
ron	1060	ug/L		100	1	10/04/22 10:39	10/04/22 23:50	7439-89-6	
8270E MSSV PAH by SIM	Analytical Metl	hod: EPA 82	70E SIM Pre	paratio	n Metho	d: EPA 3510C			
	Pace Analytica								
Acenaphthene	<0.020	ug/L		0.020	1	09/27/22 11:02	09/28/22 21:54	83-32-9	
Acenaphthene	<0.020	ug/L		0.020	1	09/30/22 11:52	10/04/22 20:50	83-32-9	H2
Acenaphthylene	<0.020	ug/L		0.020	1	09/27/22 11:02	09/28/22 21:54	208-96-8	
Acenaphthylene	<0.020	ug/L		0.020	1	09/30/22 11:52	10/04/22 20:50	208-96-8	H2
Inthracene	<0.020	ug/L		0.020	1	09/27/22 11:02	09/28/22 21:54	120-12-7	
Inthracene	<0.020	ug/L		0.020	1	09/30/22 11:52	10/04/22 20:50	120-12-7	H2
Benzo(a)anthracene	<0.020	ug/L		0.020	1	09/27/22 11:02	09/28/22 21:54	56-55-3	
senzo(a)anthracene	<0.020	ug/L		0.020	1	09/30/22 11:52	10/04/22 20:50	56-55-3	H2
enzo(a)pyrene	<0.020	ug/L		0.020	1	09/27/22 11:02	09/28/22 21:54	50-32-8	
enzo(a)pyrene	<0.020	ug/L		0.020	1	09/30/22 11:52	10/04/22 20:50	50-32-8	H2
enzo(b)fluoranthene	<0.020	ug/L		0.020	1	09/27/22 11:02	09/28/22 21:54	205-99-2	
enzo(b)fluoranthene	<0.020	ug/L		0.020	1		10/04/22 20:50		H2
enzo(g,h,i)perylene	<0.020	ug/L		0.020	1	09/27/22 11:02	09/28/22 21:54	191-24-2	
enzo(g,h,i)perylene	<0.020	ug/L		0.020	1	09/30/22 11:52	10/04/22 20:50	191-24-2	H2
enzo(k)fluoranthene	<0.020	ug/L		0.020	1	09/27/22 11:02	09/28/22 21:54	207-08-9	
Benzo(k)fluoranthene	<0.020	ug/L		0.020	1	09/30/22 11:52	10/04/22 20:50	207-08-9	H2
Chrysene	<0.020	ug/L		0.020	1	09/27/22 11:02	09/28/22 21:54	218-01-9	
Chrysene	<0.020	ug/L		0.020	1	09/30/22 11:52	10/04/22 20:50	218-01-9	H2
Dibenz(a,h)anthracene	<0.020	ug/L		0.020	1	09/27/22 11:02	09/28/22 21:54	53-70-3	
Dibenz(a,h)anthracene	<0.020	ug/L		0.020	1	09/30/22 11:52	10/04/22 20:50	53-70-3	H2
luoranthene	<0.020	ug/L		0.020	1	09/27/22 11:02	09/28/22 21:54	206-44-0	
luoranthene	<0.020	ug/L		0.020	1	09/30/22 11:52	10/04/22 20:50	206-44-0	H2
luorene	<0.020	ug/L		0.020	1	09/27/22 11:02	09/28/22 21:54	86-73-7	
luorene	<0.020	ug/L		0.020	1	09/30/22 11:52	10/04/22 20:50	86-73-7	H2
ndeno(1,2,3-cd)pyrene	<0.020	ug/L		0.020	1		09/28/22 21:54		
ndeno(1,2,3-cd)pyrene	<0.020	ug/L		0.020	1	09/30/22 11:52	10/04/22 20:50	193-39-5	H2
laphthalene	0.085	ug/L		0.020	1	09/27/22 11:02	09/28/22 21:54	91-20-3	
laphthalene	<0.020	ug/L		0.020	1	09/30/22 11:52	10/04/22 20:50	91-20-3	H2
Phenanthrene	<0.020	ug/L		0.020	1	09/27/22 11:02	09/28/22 21:54	85-01-8	
henanthrene	<0.020	ug/L		0.020	1	09/30/22 11:52	10/04/22 20:50	85-01-8	H2
Pyrene	<0.020	ug/L		0.020	1		09/28/22 21:54		
Pyrene	<0.020	ug/L		0.020	1		10/04/22 20:50		H2
Surrogates		3							
luoranthene-d10 (S)	55	%	4	0-112	1	09/27/22 11:02	09/28/22 21:54	93951-69-0	
luoranthene-d10 (S)	66	%	4	0-112	1		10/04/22 20:50		
P-Methylnaphthalene-d10 (S)	48	%	4	4-146	1	09/27/22 11:02	09/28/22 21:54	7297-45-2	
2-Methylnaphthalene-d10 (S)	53	%	4	4-146	1		10/04/22 20:50		



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Date: 11/18/2022 11:04 AM

Sample: MW-25S	Lab ID: 702	30444002	Collected: 09/21/2	22 07:55	Received: 09	9/22/22 10:15 N	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua			
3260C Volatile Organics	Analytical Meth	nod: EPA 82	260C/5030C								
	Pace Analytica	Pace Analytical Services - Melville									
Benzene	<1.0	ug/L	1.0	1		09/29/22 19:59	71-43-2				
Ethylbenzene	<1.0	ug/L	1.0	1		09/29/22 19:59	100-41-4				
Toluene	<1.0	ug/L	1.0	1		09/29/22 19:59	108-88-3				
(ylene (Total) Surrogates	<3.0	ug/L	3.0	1		09/29/22 19:59	1330-20-7				
1,2-Dichloroethane-d4 (S)	110	%	81-122	1		09/29/22 19:59	17060-07-0				
1-Bromofluorobenzene (S)	92	%	79-118	1		09/29/22 19:59	460-00-4				
Toluene-d8 (S)	115	%	82-122	1		09/29/22 19:59	2037-26-5				
2320B Alkalinity	Analytical Meth Pace Analytica										
Alkalinity, Total as CaCO3	559	mg/L	1.0	1		09/27/22 14:55					
300.0 IC Anions 28 Days	Analytical Meth Pace Analytica										
Sulfate	111	mg/L	25.0	5		10/04/22 06:03	14808-79-8				
353.2 Nitrogen, NO2/NO3 unpres	Analytical Meth Pace Analytica										
Nitrate as N	0.11	mg/L	0.050	1		09/23/22 01:34	14797-55-8				
litrate-Nitrite (as N)	0.13	mg/L	0.050	1		09/23/22 01:34	7727-37-9				
353.2 Nitrogen, NO2	Analytical Meth Pace Analytica										
Nitrite as N	<0.050	mg/L	0.050	1		09/22/22 23:01	14797-65-0				
1500 Ammonia Water	Analytical Meth Pace Analytica										
Nitrogen, Ammonia	0.46	mg/L	0.10	1		09/26/22 14:01	7664-41-7				
0014 Cyanide, Total	Analytical Meth Pace Analytica		014 Total Cyanide Pr Melville	eparatior	n Method: EPA 9	9010C					
Cyanide	20.1	ug/L	10.0	1	10/04/22 14:40	10/04/22 19:31	57-12-5				
		-									



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Date: 11/18/2022 11:04 AM

Sample: MW-33S	Lab ID: 702	30444003	Collected: 09	9/21/2	2 09:30	Received: 0	9/22/22 10:15	Matrix: Water	
Parameters	Results	Units	Report Li	imit _	DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases	Analytical Met	nod: RSK-1	75 Preparation	Metho	d: RSK	-175			
	Pace Analytica	al Services -	Melville						
Methane, Dissolved	754	ug/L		215	215	09/28/22 13:02	09/30/22 12:55	74-82-8	В
6010 MET ICP	Analytical Met	hod: EPA 60	10C Preparation	on Me	thod: EF	PA 3005A			
	Pace Analytica								
ron	15300	ug/L		100	1	10/04/22 10:39	10/04/22 23:53	7439-89-6	
3270E MSSV PAH by SIM	Analytical Met	hod: EPA 82	70E SIM Prepa	aratior	Method	d: EPA 3510C			
2102 11007 17111 27 01111	Pace Analytica					2. 2. 7. 00.00			
Acenaphthene	<0.020	ug/L	0.	.020	1	09/27/22 11:02	09/28/22 22:24	83-32-9	
Acenaphthene	<0.020	ug/L	0.	.020	1	09/30/22 11:52	10/04/22 21:20	83-32-9	H2
Acenaphthylene	<0.020	ug/L	0.	.020	1	09/27/22 11:02	09/28/22 22:24	208-96-8	
Acenaphthylene	<0.020	ug/L	0.	.020	1	09/30/22 11:52	10/04/22 21:20	208-96-8	H2
Anthracene	<0.020	ug/L	0.	.020	1	09/27/22 11:02	09/28/22 22:24	120-12-7	
Anthracene	<0.020	ug/L	0.	.020	1	09/30/22 11:52	10/04/22 21:20	120-12-7	H2
enzo(a)anthracene	<0.020	ug/L	0.	.020	1	09/27/22 11:02	09/28/22 22:24	56-55-3	
senzo(a)anthracene	<0.020	ug/L	0.	.020	1	09/30/22 11:52	10/04/22 21:20	56-55-3	H2
enzo(a)pyrene	<0.020	ug/L	0.	.020	1	09/27/22 11:02	09/28/22 22:24	50-32-8	
enzo(a)pyrene	<0.020	ug/L	0.	.020	1	09/30/22 11:52	10/04/22 21:20	50-32-8	H2
enzo(b)fluoranthene	<0.020	ug/L		.020	1		09/28/22 22:24		
enzo(b)fluoranthene	<0.020	ug/L		.020	1		10/04/22 21:20		H2
enzo(g,h,i)perylene	<0.020	ug/L		.020			09/28/22 22:24		
enzo(g,h,i)perylene	<0.020	ug/L		.020	1		10/04/22 21:20		H2
enzo(k)fluoranthene	<0.020	ug/L		.020	1		09/28/22 22:24		
senzo(k)fluoranthene	<0.020	ug/L		.020	1		10/04/22 21:20		H2
Chrysene	<0.020	ug/L		.020	1		09/28/22 22:24		
Chrysene	<0.020	ug/L		.020	1		10/04/22 21:20		H2
Dibenz(a,h)anthracene	<0.020	ug/L		.020	1		09/28/22 22:24		112
Dibenz(a,h)anthracene	<0.020	ug/L		.020	1		10/04/22 21:20		H2
luoranthene	<0.020	ug/L		.020	1		09/28/22 22:24		112
luoranthene	<0.020	ug/L		.020	1		10/04/22 21:20		H2
luorene	<0.020	ug/L		.020			09/28/22 22:24		112
luorene	<0.020	ug/L ug/L		.020	1		10/04/22 21:20		H2
ndeno(1,2,3-cd)pyrene	<0.020	ug/L ug/L		.020	1		09/28/22 22:24		112
ndeno(1,2,3-cd)pyrene	<0.020	ug/L ug/L		.020	1		10/04/22 21:20		H2
laphthalene	0.083	ū		.020	1		09/28/22 22:24		112
	<0.020	ug/L					10/04/22 21:20		110
laphthalene Phenanthrene	<0.020 <0.020	ug/L		.020 .020	1		09/28/22 22:24		H2
		ug/L			1				110
henanthrene	<0.020	ug/L		.020	1		10/04/22 21:20 09/28/22 22:24		H2
Pyrene	<0.020	ug/L		.020	1				Цn
Pyrene	<0.020	ug/L	0.	.020	1	09/30/22 11:52	10/04/22 21:20	129-00-0	H2
Surrogates Fluoranthene-d10 (S)	74	%	40	-112	1	00/30/22 11.52	10/04/22 21:20	03051-60-0	
Fluoranthene-d10 (S)	69	% %		-112 -112	1		09/28/22 22:24		
-Methylnaphthalene-d10 (S)	55	% %		-112 -146	1		10/04/22 21:20		
wentymadmialene-010 (3)	ລວ	70	44-	140	1	U3/3U/2Z 11:5Z	10/04/22 21:20	1291-40-2	



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Date: 11/18/2022 11:04 AM

Sample: MW-33S	Lab ID: 702	30444003	Collected: 09/21/2	22 09:30	Received: 09	9/22/22 10:15 N	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
3260C Volatile Organics	Analytical Meth	nod: EPA 82	260C/5030C					
	Pace Analytica	l Services -	Melville					
Benzene	<1.0	ug/L	1.0	1		09/29/22 20:19	71-43-2	
Ethylbenzene	<1.0	ug/L	1.0	1		09/29/22 20:19	100-41-4	
Toluene	<1.0	ug/L	1.0	1		09/29/22 20:19		
(Yotal)	<3.0	ug/L	3.0	1		09/29/22 20:19	1330-20-7	
Surrogates	440	0/	04.400			00/00/00 00 40	47000 07 0	
I,2-Dichloroethane-d4 (S)	112	%	81-122	1		09/29/22 20:19		
I-Bromofluorobenzene (S)	92	%	79-118	1		09/29/22 20:19		
Toluene-d8 (S)	113	%	82-122	1		09/29/22 20:19	2037-26-5	
2320B Alkalinity	Analytical Meth	nod: SM22 2	2320B					
-	Pace Analytica	l Services -	Melville					
Alkalinity, Total as CaCO3	425	mg/L	1.0	1		09/27/22 15:14		
800.0 IC Anions 28 Days	Analytical Meth	nod: FPA 30	00.0					
oc. o io Amona 20 Buya	Pace Analytica							
N. Marta	•					40/00/00 04 00	4 4000 70 0	
Sulfate	16.9	mg/L	5.0	1		10/02/22 01:06	14808-79-8	
853.2 Nitrogen, NO2/NO3 unpres	Analytical Meth	nod: EPA 35	53.2					
	Pace Analytica	l Services -	Melville					
Nitrate as N	<0.050	mg/L	0.050	1		09/23/22 01:46	14797-55-8	
Nitrate us N	<0.050	mg/L	0.050	1		09/23/22 01:46		
,		Ü		•		00/20/22 01:10	7.72. 0. 0	
353.2 Nitrogen, NO2	Analytical Meth	od: EPA 35	53.2					
	Pace Analytica	l Services -	Melville					
Nitrite as N	<0.050	mg/L	0.050	1		09/22/22 23:16	14797-65-0	
1500 Ammonia Water	Analytical Meth	od: SM22	1500 NH3 H					
1500 Ammonia Water	,							
	Pace Analytica	Services -	Melville					
litrogen, Ammonia	3.1	mg/L	0.10	1		09/26/22 14:02	7664-41-7	
014 Cyanide, Total	Analytical Meth	nod: FPA 90	014 Total Cyanide Pr	eparation	Method: FPA 9	9010C		
or of armos, rotal	Pace Analytica			Sparation	581156. 27776			
	•							
Cyanide	<10.0	ug/L	10.0	1	10/04/22 14:40	10/04/22 19:32	57-12-5	



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Date: 11/18/2022 11:04 AM

Sample: MW-46S	Lab ID: 702	30444004	Collected: 0)9/21/2	2 10:50	Received: 0	9/22/22 10:15 N	Matrix: Water	
Parameters	Results	Units	Report L	_imit	DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases	Analytical Meth	nod: RSK-1	75 Preparation	n Metho	od: RSK	-175			
	Pace Analytica	l Services -	Melville						
Methane, Dissolved	3590	ug/L		255	255	09/28/22 13:02	9 09/30/22 13:47	74-82-8	
6010 MET ICP	Analytical Meth	nod: EPA 60	10C Preparat	ion Me	thod: EF	PA 3005A			
	Pace Analytica								
ron	2970	ug/L		100	1	10/06/22 09:07	10/06/22 21:45	7439-89-6	
3270E MSSV PAH by SIM	Analytical Meth	nod: EPA 82	70E SIM Prep	paration	n Metho	d: EPA 3510C			
.,	Pace Analytica								
cenaphthene	22.6	ug/L		1.0	50	09/27/22 11:02	10/07/22 20:57	83-32-9	
Acenaphthene	19.3	ug/L		1.0	50		10/07/22 21:28		H2
Acenaphthylene	0.79	ug/L	C	0.020	1	09/27/22 11:02	09/28/22 22:54	208-96-8	
cenaphthylene	0.73	ug/L	C	0.020	1	09/30/22 11:52	10/04/22 21:51	208-96-8	H2
Inthracene	0.80	ug/L	C	0.020	1	09/27/22 11:02	09/28/22 22:54	120-12-7	
Inthracene	0.77	ug/L	(0.020	1	09/30/22 11:52	10/04/22 21:51	120-12-7	H2
senzo(a)anthracene	0.21	ug/L		0.020	1		09/28/22 22:54		
enzo(a)anthracene	0.26	ug/L		0.020	1		10/04/22 21:51		H2
enzo(a)pyrene	0.14	ug/L		0.020	1		09/28/22 22:54		
enzo(a)pyrene	0.18	ug/L		0.020	1		10/04/22 21:51		H2
enzo(b)fluoranthene	0.093	ug/L		0.020	1		09/28/22 22:54		
enzo(b)fluoranthene	0.13	ug/L		0.020	1		10/04/22 21:51		H2
enzo(g,h,i)perylene	0.048	ug/L		0.020	1		09/28/22 22:54		
enzo(g,h,i)perylene	0.064	ug/L		0.020	1		10/04/22 21:51		H2
enzo(k)fluoranthene	0.046	ug/L		0.020	1		09/28/22 22:54		
enzo(k)fluoranthene	0.057	ug/L		0.020	1		10/04/22 21:51		H2
Chrysene	0.19	ug/L		0.020	1		09/28/22 22:54		
Chrysene	0.23	ug/L		0.020	1		10/04/22 21:51		H2
Dibenz(a,h)anthracene	<0.020	ug/L		0.020	1		09/28/22 22:54		112
Dibenz(a,h)anthracene	0.023	ug/L		0.020	1		10/04/22 21:51		H2
luoranthene	0.53	ug/L		0.020	1		09/28/22 22:54		112
luoranthene	0.57	ug/L		0.020	1		10/04/22 21:51		H2
luorene	4.2	ug/L		0.020	1		09/28/22 22:54		112
luorene	3.6	ug/L		0.020	1		10/04/22 21:51		H2
ndeno(1,2,3-cd)pyrene	0.037	ug/L		0.020	1		09/28/22 22:54		112
ndeno(1,2,3-cd)pyrene	0.050	ug/L		0.020	1		10/04/22 21:51		H2
laphthalene	240	ug/L		1.0	50		10/07/22 20:57		112
laphthalene	162	ug/L		1.0	50		10/07/22 20:37		H2
henanthrene	2.8	ug/L	(0.020	1		09/28/22 22:54		112
henanthrene	2.4	ug/L		0.020	1		10/04/22 21:51		H2
yrene	0.99	ug/L ug/L		0.020	1		09/28/22 22:54		114
Pyrene	1.0	_		0.020	1		10/04/22 21:51		H2
Surrogates	1.0	ug/L	·	J.UZU	1	03/30/22 11.32	10/04/22 21:01	123-00-0	112
Fluoranthene-d10 (S)	65	%	AC)-112	1	09/30/22 11:52	10/04/22 21:51	93951-69-0	
Fluoranthene-d10 (S)	68	%)-112	1		09/28/22 22:54		
2-Methylnaphthalene-d10 (S)	48	% %		1-112 1-146	1		09/28/22 22:54		
2-Methylnaphthalene-d10 (S)	50	% %		1-146 1-146	1	09/30/22 11:52			



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Date: 11/18/2022 11:04 AM

Sample: MW-46S	Lab ID: 702	30444004	Collected: 09/21/2	22 10:50	Received: 09	/22/22 10:15 N	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
3260C Volatile Organics	Analytical Meth	nod: EPA 82	260C/5030C					
	Pace Analytica	l Services -	Melville					
Benzene	278	ug/L	5.0	5		09/29/22 23:11	71-43-2	
Ethylbenzene	256	ug/L	5.0	5		09/29/22 23:11	100-41-4	
oluene	1.4	ug/L	1.0	1		09/29/22 20:38		
(ylene (Total)	61.8	ug/L	3.0	1		09/29/22 20:38	1330-20-7	
Surrogates	444	0/	04.400			00/00/00 00 00	47000 07 0	
,2-Dichloroethane-d4 (S)	111	%	81-122	1		09/29/22 20:38		
l-Bromofluorobenzene (S)	90	%	79-118	1		09/29/22 20:38		
Toluene-d8 (S)	114	%	82-122	1		09/29/22 20:38	2037-26-5	
2320B Alkalinity	Analytical Meth	nod: SM22	2320B					
	Pace Analytica	l Services -	Melville					
Alkalinity, Total as CaCO3	300	mg/L	1.0	1		09/27/22 15:29		
800.0 IC Anions 28 Days	Analytical Meth	nod: FPA 30	0.0					
20 20 20 7 1110 110 20 20 20 30 30	Pace Analytica							
Sulfate	10.7	mg/L	5.0	1		10/02/22 01:20	14909 70 9	
bullate	10.7	IIIg/L	5.0	ı		10/02/22 01.20	14000-79-0	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Meth	od: EPA 35	53.2					
	Pace Analytica	l Services -	Melville					
Nitrate as N	<0.050	mg/L	0.050	1		09/23/22 02:00	14797-55-8	
Nitrate-Nitrite (as N)	<0.050	mg/L	0.050	1		09/23/22 02:00		
,		. ==						
353.2 Nitrogen, NO2	Analytical Meth							
	Pace Analytica	l Services -	Melville					
Nitrite as N	<0.050	mg/L	0.050	1		09/22/22 23:32	14797-65-0	
1500 Ammonia Water	Analytical Meth	nod: SM22	4500 NH3 H					
TOO Animonia Water	Pace Analytica							
	•							
litrogen, Ammonia	2.1	mg/L	0.10	1		09/26/22 14:04	7664-41-7	
0014 Cyanide, Total	Analytical Meth	nod: EPA 90	014 Total Cyanide Pr	eparation	n Method: EPA 9	010C		
•	Pace Analytica			•				
)vonido	•			1	10/04/22 14:40	10/04/22 10:22	E7 10 E	
Cyanide	<10.0	ug/L	10.0	ı	10/04/22 14:40	10/04/22 19:33	57-12-5	



Date: 11/18/2022 11:04 AM

ANALYTICAL RESULTS

Project: NYSEG ITHACA COURT STREET 9/21

Sample: MW-47S	Lab ID: 7023	30444005	Collected: 09/21/2	22 08:00	Received: 09	/22/22 10:15 M	fatrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases	Analytical Meth	od: RSK-1	75 Preparation Meth	od: RSk	(-175			
	Pace Analytica	l Services -	Melville					
Methane, Dissolved	2790	ug/L	215	215	09/28/22 13:02	09/30/22 13:28	74-82-8	
6010 MET ICP	Analytical Meth	od: EPA 60	10C Preparation Me	ethod: E	PA 3005A			
	Pace Analytica		·					
ron	3410	ug/L	100	1	10/06/22 09:07	10/06/22 21:48	7439-89-6	
3270E MSSV PAH by SIM	Analytical Meth	nod: FPA 82	70E SIM Preparatio	n Metho	od: EPA 3510C			
SET OF MOOV FAIT BY OM	Pace Analytica				.a. 217100100			
Acenaphthene	1.0	ug/L	0.020	1	09/27/22 11:02	09/28/22 23:25	83-32-9	
Acenaphthene	0.89	ug/L	0.020	1		10/04/22 22:22		H2
Acenaphthylene	0.024	ug/L	0.020	1		09/28/22 23:25		
Acenaphthylene	0.030	ug/L	0.020	1		10/04/22 22:22		H2
Anthracene	<0.020	ug/L	0.020	1		09/28/22 23:25		
Anthracene	<0.020	ug/L	0.020	1		10/04/22 22:22		H2
Benzo(a)anthracene	<0.020	ug/L	0.020	1		09/28/22 23:25		
Benzo(a)anthracene	<0.020	ug/L	0.020	1		10/04/22 22:22		H2
Benzo(a)pyrene	<0.020	ug/L	0.020	1		09/28/22 23:25		
Benzo(a)pyrene	<0.020	ug/L	0.020	1		10/04/22 22:22		H2
Benzo(b)fluoranthene	<0.020	ug/L	0.020	1		09/28/22 23:25		
Benzo(b)fluoranthene	<0.020	ug/L	0.020	1		10/04/22 22:22		H2
Benzo(g,h,i)perylene	<0.020	ug/L	0.020	1		09/28/22 23:25		
Benzo(g,h,i)perylene	<0.020	ug/L	0.020	1		10/04/22 22:22		H2
Benzo(k)fluoranthene	<0.020	ug/L	0.020	1		09/28/22 23:25		
Benzo(k)fluoranthene	<0.020	ug/L	0.020	1		10/04/22 22:22		H2
Chrysene	<0.020	ug/L	0.020	1		09/28/22 23:25		
Chrysene	<0.020	ug/L	0.020	1		10/04/22 22:22		H2
Dibenz(a,h)anthracene	<0.020	ug/L	0.020	1		09/28/22 23:25		
Dibenz(a,h)anthracene	<0.020	ug/L	0.020	1		10/04/22 22:22		H2
Fluoranthene	<0.020	ug/L	0.020	1		09/28/22 23:25		
Fluoranthene	<0.020	ug/L	0.020	1		10/04/22 22:22		H2
Fluorene	0.040	ug/L	0.020	1		09/28/22 23:25		
Fluorene	0.058	ug/L	0.020	1		10/04/22 22:22		H2
ndeno(1,2,3-cd)pyrene	<0.020	ug/L	0.020	1		09/28/22 23:25		
ndeno(1,2,3-cd)pyrene	<0.020	ug/L	0.020	1		10/04/22 22:22		H2
Naphthalene	0.11	ug/L	0.020	1		09/28/22 23:25		
Naphthalene	0.13	ug/L	0.020	1		10/04/22 22:22		H2
Phenanthrene	<0.020	ug/L	0.020	1		09/28/22 23:25		
Phenanthrene	0.045	ug/L	0.020	1		10/04/22 22:22		H2
Pyrene	<0.020	ug/L	0.020	1		09/28/22 23:25		
Pyrene	0.022	ug/L	0.020	1		10/04/22 22:22		H2
Surrogates	V.V.L	~g/ L	0.020	•	55/55/22 11.02	. 5/ 5 // 22 22.22	.20 00 0	
Fluoranthene-d10 (S)	75	%	40-112	1	09/30/22 11:52	10/04/22 22:22	93951-69-0	
Fluoranthene-d10 (S)	74	%	40-112	1		09/28/22 23:25		
2-Methylnaphthalene-d10 (S)	48	%	44-146	1		09/28/22 23:25		
2-Methylnaphthalene-d10 (S)	42	%	44-146	1		10/04/22 22:22		S0



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Date: 11/18/2022 11:04 AM

Sample: MW-47S	Lab ID: 702	30444005	Collected: 09/21/2	22 08:00	Received: 09)/22/22 10:15 N	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
3260C Volatile Organics	Analytical Meth	nod: EPA 82	260C/5030C					
	Pace Analytica	l Services -	Melville					
Benzene	<1.0	ug/L	1.0	1		09/29/22 20:57	71-43-2	
Ethylbenzene	<1.0	ug/L	1.0	1		09/29/22 20:57	100-41-4	
Toluene	<1.0	ug/L	1.0	1		09/29/22 20:57	108-88-3	
(Yotal)	<3.0	ug/L	3.0	1		09/29/22 20:57	1330-20-7	
Surrogates	440	0/	04.400			00/00/00 00 57	47000 07 0	
I,2-Dichloroethane-d4 (S)	110	%	81-122	1		09/29/22 20:57		
I-Bromofluorobenzene (S)	92	%	79-118	1		09/29/22 20:57		
Toluene-d8 (S)	115	%	82-122	1		09/29/22 20:57	2037-26-5	
2320B Alkalinity	Analytical Meth	nod: SM22 2	2320B					
-	Pace Analytica	l Services -	Melville					
Alkalinity, Total as CaCO3	306	mg/L	1.0	1		09/27/22 15:43		
800.0 IC Anions 28 Days	Analytical Meth	nod: FPA 30	00.0					
oo.o io Amona 20 Daya	Pace Analytica							
	•							
Sulfate	14.7	mg/L	5.0	1		10/02/22 01:33	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Meth	od: EPA 35	53.2					
	Pace Analytica	l Services -	Melville					
Nitrate as N	0.057	mg/L	0.050	1		09/23/22 01:35	14707-55-8	
Nitrate as N Nitrate-Nitrite (as N)	0.057	mg/L	0.050	1		09/23/22 01:35		
whate white (as w)	0.007	mg/L	0.000	•		03/23/22 01:33	1121-51-5	
353.2 Nitrogen, NO2	Analytical Meth	od: EPA 35	53.2					
	Pace Analytica	l Services -	Melville					
Nitrite as N	<0.050	mg/L	0.050	1		09/22/22 23:02	14797-65-0	
1500 Ammonia Water	Analytical Meth	nod: SM22	4500 NH3 H					
1500 Allinonia Water	,							
	Pace Analytica	Services -	ivieiville					
litrogen, Ammonia	2.6	mg/L	0.10	1		09/26/22 14:05	7664-41-7	
014 Cyanide, Total	Analytical Meth	nod: EPA 90	014 Total Cyanide Pr	eparation	Method: FPA 9	010C		
or of armos, rotal	Pace Analytica			Sparation	50.156. 2770			
	•							
Cyanide	<10.0	ug/L	10.0	1	10/04/22 14:40	10/04/22 19:33	57-12-5	



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Date: 11/18/2022 11:04 AM

Parameters									
	Results	Units	Report	Limit	DF	Prepared	Analyzed	CAS No.	Qua
RSK 175 Dissolved Gases	Analytical Met	nod: RSK-1	75 Preparation	on Meth	od: RSK	-175			
	Pace Analytica	l Services -	Melville						
Methane, Dissolved	1810	ug/L		255	255	09/28/22 13:02	9 09/30/22 13:59	74-82-8	
6010 MET ICP	Analytical Metl	nod: EPA 60	010C Prepara	ation Me	ethod: EF	PA 3005A			
	Pace Analytica								
ron	4170	ug/L		100	1	10/06/22 09:07	10/06/22 21:51	7439-89-6	
3270E MSSV PAH by SIM	Analytical Metl	nod: EPA 82	270E SIM Pre	eparatio	n Metho	d: EPA 3510C			
	Pace Analytica								
Acenaphthene	31.7	ug/L		1.0	50	09/30/22 11:52	10/06/22 18:57	83-32-9	H2
Acenaphthene	30.5	ug/L		1.0	50	09/27/22 11:02	10/06/22 19:27	83-32-9	
Acenaphthylene	0.84	ug/L		0.020	1	09/27/22 11:02	09/28/22 23:55	208-96-8	
Acenaphthylene	0.88	ug/L		0.020	1	09/30/22 11:52	10/04/22 22:52	208-96-8	H2
Anthracene	1.2	ug/L		0.020	1	09/27/22 11:02	09/28/22 23:55	120-12-7	
Inthracene	1.2	ug/L		0.020	1	09/30/22 11:52	10/04/22 22:52	120-12-7	H2
senzo(a)anthracene	0.048	ug/L		0.020	1	09/27/22 11:02	09/28/22 23:55	56-55-3	
senzo(a)anthracene	0.041	ug/L		0.020	1	09/30/22 11:52	10/04/22 22:52	56-55-3	H2
senzo(a)pyrene	<0.020	ug/L		0.020	1	09/27/22 11:02	09/28/22 23:55	50-32-8	
enzo(a)pyrene	<0.020	ug/L		0.020	1	09/30/22 11:52	10/04/22 22:52	50-32-8	H2
enzo(b)fluoranthene	<0.020	ug/L		0.020	1	09/27/22 11:02	09/28/22 23:55	205-99-2	
enzo(b)fluoranthene	<0.020	ug/L		0.020	1		10/04/22 22:52		H2
enzo(g,h,i)perylene	<0.020	ug/L		0.020	1		09/28/22 23:55		
enzo(g,h,i)perylene	<0.020	ug/L		0.020	1		10/04/22 22:52		H2
enzo(k)fluoranthene	<0.020	ug/L		0.020	1		09/28/22 23:55		
senzo(k)fluoranthene	<0.020	ug/L		0.020	1		10/04/22 22:52		H2
Chrysene	0.049	ug/L		0.020	1		09/28/22 23:55		
Chrysene	0.038	ug/L		0.020	1		10/04/22 22:52		H2
Dibenz(a,h)anthracene	<0.020	ug/L		0.020	1		09/28/22 23:55		112
Dibenz(a,h)anthracene	<0.020	ug/L		0.020	1		10/04/22 22:52		H2
luoranthene	0.55	ug/L		0.020	1		09/28/22 23:55		112
luoranthene	0.56	ug/L		0.020	1		10/04/22 22:52		H2
luorene	2.6	ug/L ug/L		0.020	1		09/28/22 23:55		112
luorene	2.8	ug/L ug/L		0.020	1		10/04/22 22:52		H2
	<0.020	•		0.020	1		09/28/22 23:55		112
ndeno(1,2,3-cd)pyrene		ug/L			1				H2
ndeno(1,2,3-cd)pyrene	<0.020	ug/L		0.020	-		10/04/22 22:52		
laphthalene	65.2	ug/L		1.0	50		10/06/22 18:57		H2
laphthalene	65.5	ug/L		1.0	50		10/06/22 19:27		
henanthrene	3.9	ug/L		0.020	1		09/28/22 23:55		1.10
henanthrene	3.9	ug/L		0.020	1		10/04/22 22:52		H2
Pyrene	0.79	ug/L		0.020	1		09/28/22 23:55		1.10
Pyrene	0.78	ug/L		0.020	1	09/30/22 11:52	10/04/22 22:52	129-00-0	H2
Surrogates	70	0/		10 110	1	00/20/22 44:52	10/04/22 22:52	02054 60 0	
luoranthene-d10 (S)	73	%		40-112	1		10/04/22 22:52		
Fluoranthene-d10 (S)	69	%		40-112	1		09/28/22 23:55		
2-Methylnaphthalene-d10 (S) 2-Methylnaphthalene-d10 (S)	54 50	% %		14-146 14-146	1 1		10/04/22 22:52 09/28/22 23:55		



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Date: 11/18/2022 11:04 AM

Sample: MW-48S	Lab ID: 7	0230444006	Collected: 09/21/2	22 10:55	Received: 09	9/22/22 10:15 N	Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical M	1ethod: EPA 82	260C/5030C					
	Pace Analyt	tical Services -	Melville					
Benzene	27.4	ug/L	1.0	1		09/29/22 21:16	71-43-2	
Ethylbenzene	14.6	ug/L	1.0	1		09/29/22 21:16	100-41-4	
Toluene	<1.0	ug/L	1.0	1		09/29/22 21:16		
Xylene (Total) Surrogates	12.0	ug/L	3.0	1		09/29/22 21:16	1330-20-7	
1,2-Dichloroethane-d4 (S)	110	%	81-122	1		09/29/22 21:16	17060-07-0	
4-Bromofluorobenzene (S)	91	%	79-118	1		09/29/22 21:16	460-00-4	
Toluene-d8 (S)	113	%	82-122	1		09/29/22 21:16	2037-26-5	
2320B Alkalinity		Method: SM22 2 tical Services -						
Alkalinity, Total as CaCO3	397		1.0	1		09/27/22 17:57		
300.0 IC Anions 28 Days	•	Method: EPA 30 tical Services -						
Sulfate	<5.0	mg/L	5.0	1		10/02/22 01:47	14808-79-8	В
353.2 Nitrogen, NO2/NO3 unpres	•	1ethod: EPA 35 tical Services -						
Nitrate as N	<0.050	mg/L	0.050	1		09/23/22 02:01	14797-55-8	
Nitrate-Nitrite (as N)	<0.050	mg/L	0.050	1		09/23/22 02:01	7727-37-9	
353.2 Nitrogen, NO2	•	Method: EPA 35						
Nitrite as N	<0.050	mg/L	0.050	1		09/22/22 23:36	14797-65-0	
4500 Ammonia Water	•	Method: SM22 4 tical Services -						
Nitrogen, Ammonia	2.0	mg/L	0.10	1		09/26/22 14:08	7664-41-7	
9014 Cyanide, Total	•	Method: EPA 90 tical Services -	014 Total Cyanide Pr Melville	eparatior	n Method: EPA 9	9010C		
Cyanide	<10.0	ug/L	10.0	1	10/04/22 14:40	10/04/22 19:34	57-12-5	
		=						



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Date: 11/18/2022 11:04 AM

QC Batch: 275424 Analysis Method: RSK-175

QC Batch Method: RSK-175 Analysis Description: RSK 175 HEADSPACE

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230444001, 70230444002, 70230444003, 70230444004, 70230444005, 70230444006

METHOD BLANK: 1391825 Matrix: Water

Associated Lab Samples: 70230444001, 70230444002, 70230444003, 70230444004, 70230444005, 70230444006

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

Methane, Dissolved ug/L <1.0 1.0 09/29/22 11:14

LABORATORY CONTROL SAMPLE: 1391826

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units ug/L Methane, Dissolved 10.2 3.5 35 10-93

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1391827 1391828

MS MSD

70230003004 Spike Spike MS MSD MS MSD % Rec Parameter Units % Rec Limits **RPD** Qual Result Conc. Conc. Result Result % Rec Methane, Dissolved 264 ug/L 2200 2200 3610 3180 152 132 10-185 13

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

QC Batch: 276202 Analysis Method: **EPA 6010C** QC Batch Method: **EPA 3005A** Analysis Description: 6010 MET Water

> Laboratory: Pace Analytical Services - Melville

70230444001, 70230444002, 70230444003 Associated Lab Samples:

METHOD BLANK: 1395207 Matrix: Water

Associated Lab Samples: 70230444001, 70230444002, 70230444003

> Blank Reporting Qualifiers Parameter Units Result Limit Analyzed

Iron <100 100 10/04/22 22:28 ug/L

LABORATORY CONTROL SAMPLE: 1395208

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units ug/L 12500 11400 91 80-120

Iron

MATRIX SPIKE SAMPLE: 1395210

MS MS % Rec 70230411006 Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers 2440 ug/L 5000 Iron 7360 98 75-125

SAMPLE DUPLICATE: 1395209

Date: 11/18/2022 11:04 AM

70230411006 Dup RPD Parameter Units Result Result Qualifiers 2440 9 Iron ug/L 2680

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

QC Batch: 276587 Analysis Method: EPA 6010C

QC Batch Method: EPA 3005A Analysis Description: 6010 MET Water

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230444004, 70230444005, 70230444006

METHOD BLANK: 1397732 Matrix: Water

Associated Lab Samples: 70230444004, 70230444005, 70230444006

Blank Reporting
Parameter Units Result Limit Analyzed Qualifiers

Iron ug/L <100 10/06/22 21:39

LABORATORY CONTROL SAMPLE: 1397733

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Iron ug/L 12500 11900 95 80-120

MATRIX SPIKE SAMPLE: 1397735

70230535005 MS MS % Rec Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers 22.9J 5000 Iron ug/L 5230 104 75-125

SAMPLE DUPLICATE: 1397734

Date: 11/18/2022 11:04 AM

 Parameter
 Units
 70230535005 Result
 Dup Result
 RPD
 Qualifiers

 Iron
 ug/L
 22.9J
 <100</td>

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

QC Batch: 275744 Analysis Method: EPA 8260C/5030C

QC Batch Method: EPA 8260C/5030C Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230444001, 70230444002, 70230444003, 70230444004, 70230444005, 70230444006

METHOD BLANK: 1393209 Matrix: Water

Associated Lab Samples: 70230444001, 70230444002, 70230444003, 70230444004, 70230444005, 70230444006

		Blank	Reporting		
Parameter	Units	Result	Limit	Analyzed	Qualifiers
Benzene	ug/L	<1.0	1.0	09/29/22 16:48	
Ethylbenzene	ug/L	<1.0	1.0	09/29/22 16:48	
Toluene	ug/L	<1.0	1.0	09/29/22 16:48	
Xylene (Total)	ug/L	<3.0	3.0	09/29/22 16:48	
1,2-Dichloroethane-d4 (S)	%	109	81-122	09/29/22 16:48	
4-Bromofluorobenzene (S)	%	90	79-118	09/29/22 16:48	
Toluene-d8 (S)	%	115	82-122	09/29/22 16:48	

	LABORATORY	CONTROL	SAMPLE:	1393210
--	------------	---------	---------	---------

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	48.0	96	78-117	
Ethylbenzene	ug/L	50	48.2	96	79-115	
Toluene	ug/L	50	42.5	85	80-114	
Xylene (Total)	ug/L	150	147	98	80-118	
1,2-Dichloroethane-d4 (S)	%			109	81-122	
4-Bromofluorobenzene (S)	%			90	79-118	
Toluene-d8 (S)	%			114	82-122	

MATRIX SPIKE SAMPLE:	1393634						
		70230444003	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Benzene	ug/L	<1.0	50	47.0	94	70-130	
Ethylbenzene	ug/L	<1.0	50	52.7	105	70-126	
Toluene	ug/L	<1.0	50	45.0	90	76-123	
Xylene (Total)	ug/L	<3.0	150	157	105	78-123	
1,2-Dichloroethane-d4 (S)	%				109	81-122	
4-Bromofluorobenzene (S)	%				89	79-118	
Toluene-d8 (S)	%				111	82-122	

SAMPLE DUPLICATE: 1393635

Date: 11/18/2022 11:04 AM

		70230444006	Dup		
Parameter	Units	Result	Result	RPD	Qualifiers
Benzene	ug/L	27.4	28.8	5	
Ethylbenzene	ug/L	14.6	14.5	1	
Toluene	ug/L	<1.0	<1.0		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Date: 11/18/2022 11:04 AM

SAMPLE DUPLICATE: 1393635

Parameter	Units	70230444006 Result	Dup Result	RPD	Qualifiers
Xylene (Total)	ug/L	12.0	13.2	10	
1,2-Dichloroethane-d4 (S)	%	110	112		
4-Bromofluorobenzene (S)	%	91	92		
Toluene-d8 (S)	%	113	115		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Date: 11/18/2022 11:04 AM

QC Batch: 275175 Analysis Method: EPA 8270E SIM

QC Batch Method: EPA 3510C Analysis Description: 8270E Water PAH by SIM MSSV

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230444001, 70230444002, 70230444003, 70230444004, 70230444005, 70230444006

METHOD BLANK: 1390719 Matrix: Water

Associated Lab Samples: 70230444001, 70230444002, 70230444003, 70230444004, 70230444005, 70230444006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acenaphthene	ug/L	<0.020	0.020	09/28/22 15:49	
Acenaphthylene	ug/L	< 0.020	0.020	09/28/22 15:49	
Anthracene	ug/L	< 0.020	0.020	09/28/22 15:49	
Benzo(a)anthracene	ug/L	< 0.020	0.020	09/28/22 15:49	
Benzo(a)pyrene	ug/L	< 0.020	0.020	09/28/22 15:49	
Benzo(b)fluoranthene	ug/L	< 0.020	0.020	09/28/22 15:49	
Benzo(g,h,i)perylene	ug/L	< 0.020	0.020	09/28/22 15:49	
Benzo(k)fluoranthene	ug/L	< 0.020	0.020	09/28/22 15:49	
Chrysene	ug/L	< 0.020	0.020	09/28/22 15:49	
Dibenz(a,h)anthracene	ug/L	< 0.020	0.020	09/28/22 15:49	
Fluoranthene	ug/L	< 0.020	0.020	09/28/22 15:49	
Fluorene	ug/L	< 0.020	0.020	09/28/22 15:49	
Indeno(1,2,3-cd)pyrene	ug/L	< 0.020	0.020	09/28/22 15:49	
Naphthalene	ug/L	< 0.020	0.020	09/28/22 15:49	
Phenanthrene	ug/L	< 0.020	0.020	09/28/22 15:49	
Pyrene	ug/L	< 0.020	0.020	09/28/22 15:49	
2-Methylnaphthalene-d10 (S)	%	44	44-146	09/28/22 15:49	
Fluoranthene-d10 (S)	%	86	40-112	09/28/22 15:49	

LABORATORY CONTROL SAMPLE	& LCSD: 1390720		13	390721						
		Spike	LCS	LCSD	LCS	LCSD	% Rec		Max	
Parameter	Units	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qualifiers
Acenaphthene	ug/L	1	0.47	0.62	47	62	33-102	27	30	
Acenaphthylene	ug/L	1	0.49	0.65	49	65	35-104	27	30	
Anthracene	ug/L	1	0.60	0.76	60	76	41-109	23	30	
Benzo(a)anthracene	ug/L	1	0.56	0.64	56	64	39-127	13	30	
Benzo(a)pyrene	ug/L	1	0.54	0.61	54	61	40-126	11	30	
Benzo(b)fluoranthene	ug/L	1	0.60	0.64	60	64	39-144	7	30	
Benzo(g,h,i)perylene	ug/L	1	0.60	0.67	60	67	41-140	11	30	
Benzo(k)fluoranthene	ug/L	1	0.48	0.56	48	56	35-131	14	30	
Chrysene	ug/L	1	0.57	0.65	57	65	40-117	14	30	
Dibenz(a,h)anthracene	ug/L	1	0.59	0.66	59	66	42-139	11	30	
Fluoranthene	ug/L	1	0.64	0.74	64	74	43-117	15	30	
Fluorene	ug/L	1	0.50	0.66	50	66	38-102	28	30	
Indeno(1,2,3-cd)pyrene	ug/L	1	0.62	0.68	62	68	39-139	10	30	
Naphthalene	ug/L	1	0.35	0.43	35	43	22-95	19	30	
Phenanthrene	ug/L	1	0.60	0.75	60	75	41-111	22	30	
Pyrene	ug/L	1	0.63	0.74	63	74	38-116	17	30	
2-Methylnaphthalene-d10 (S)	%				36	47	44-146		(30

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

(631)694-3040



QUALITY CONTROL DATA

Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Date: 11/18/2022 11:04 AM

LABORATORY CONTROL SAMPLE &	LCSD: 1390720		1	390721						
		Spike	LCS	LCSD	LCS	LCSD	% Rec		Max	
Parameter	Units	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qualifiers
Fluoranthene-d10 (S)	%				73	88	40-112			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Date: 11/18/2022 11:04 AM

QC Batch: 275819 Analysis Method: EPA 8270E SIM

QC Batch Method: EPA 3510C Analysis Description: 8270E Water PAH by SIM MSSV

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230444001, 70230444002, 70230444003, 70230444004, 70230444005, 70230444006

METHOD BLANK: 1393491 Matrix: Water

Associated Lab Samples: 70230444001, 70230444002, 70230444003, 70230444004, 70230444005, 70230444006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acenaphthene	ug/L	<0.020	0.020	10/04/22 15:44	
Acenaphthylene	ug/L	< 0.020	0.020	10/04/22 15:44	
Anthracene	ug/L	< 0.020	0.020	10/04/22 15:44	
Benzo(a)anthracene	ug/L	< 0.020	0.020	10/04/22 15:44	
Benzo(a)pyrene	ug/L	< 0.020	0.020	10/04/22 15:44	
Benzo(b)fluoranthene	ug/L	< 0.020	0.020	10/04/22 15:44	
Benzo(g,h,i)perylene	ug/L	< 0.020	0.020	10/04/22 15:44	
Benzo(k)fluoranthene	ug/L	< 0.020	0.020	10/04/22 15:44	
Chrysene	ug/L	< 0.020	0.020	10/04/22 15:44	
Dibenz(a,h)anthracene	ug/L	< 0.020	0.020	10/04/22 15:44	
Fluoranthene	ug/L	< 0.020	0.020	10/04/22 15:44	
Fluorene	ug/L	< 0.020	0.020	10/04/22 15:44	
Indeno(1,2,3-cd)pyrene	ug/L	< 0.020	0.020	10/04/22 15:44	
Naphthalene	ug/L	< 0.020	0.020	10/04/22 15:44	
Phenanthrene	ug/L	< 0.020	0.020	10/04/22 15:44	
Pyrene	ug/L	< 0.020	0.020	10/04/22 15:44	
2-Methylnaphthalene-d10 (S)	%	57	44-146	10/04/22 15:44	
Fluoranthene-d10 (S)	%	83	40-112	10/04/22 15:44	

LABORATORY CONTROL SAMPLE	& LCSD: 1393492		13	93493						
		Spike	LCS	LCSD	LCS	LCSD	% Rec		Max	
Parameter	Units	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qualifiers
Acenaphthene	ug/L	1	0.68	0.65	68	65	33-102	4	30	
Acenaphthylene	ug/L	1	0.71	0.66	71	66	35-104	7	30	
Anthracene	ug/L	1	0.73	0.72	73	72	41-109	1	30	
Benzo(a)anthracene	ug/L	1	0.69	0.65	69	65	39-127	5	30	
Benzo(a)pyrene	ug/L	1	0.68	0.64	68	64	40-126	6	30	
Benzo(b)fluoranthene	ug/L	1	0.68	0.76	68	76	39-144	11	30	
Benzo(g,h,i)perylene	ug/L	1	0.73	0.68	73	68	41-140	7	30	
Benzo(k)fluoranthene	ug/L	1	0.76	0.56	76	56	35-131	31	30 F	R1
Chrysene	ug/L	1	0.68	0.65	68	65	40-117	4	30	
Dibenz(a,h)anthracene	ug/L	1	0.72	0.67	72	67	42-139	7	30	
Fluoranthene	ug/L	1	0.70	0.68	70	68	43-117	3	30	
Fluorene	ug/L	1	0.69	0.67	69	67	38-102	3	30	
Indeno(1,2,3-cd)pyrene	ug/L	1	0.75	0.70	75	70	39-139	7	30	
Naphthalene	ug/L	1	0.52	0.52	52	52	22-95	0	30	
Phenanthrene	ug/L	1	0.73	0.71	73	71	41-111	3	30	
Pyrene	ug/L	1	0.74	0.72	74	72	38-116	3	30	
2-Methylnaphthalene-d10 (S)	%				52	53	44-146			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

(631)694-3040



QUALITY CONTROL DATA

Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Date: 11/18/2022 11:04 AM

LABORATORY CONTROL SAMPLE & LCSD: 1393492 1393493 Spike LCS LCSD LCS LCSD % Rec Max Parameter Units Conc. Result Result % Rec % Rec Limits **RPD RPD** Qualifiers Fluoranthene-d10 (S) % 79 80 40-112

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

QC Batch: 275174 Analysis Method: SM22 2320B
QC Batch Method: SM22 2320B Analysis Description: 2320B Alkalinity

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230444001, 70230444002, 70230444003, 70230444004, 70230444005

METHOD BLANK: 1390712 Matrix: Water

Associated Lab Samples: 70230444001, 70230444002, 70230444003, 70230444004, 70230444005

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

Alkalinity, Total as CaCO3 mg/L <1.0 1.0 09/27/22 11:04

LABORATORY CONTROL SAMPLE: 1390713

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units mg/L Alkalinity, Total as CaCO3 25 24.6 99 85-115

MATRIX SPIKE SAMPLE: 1390715

MS MS % Rec 70230411006 Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers 168 Alkalinity, Total as CaCO3 mg/L 206 50 76 75-125

SAMPLE DUPLICATE: 1390714

Date: 11/18/2022 11:04 AM

ParameterUnits70230411006 ResultDup ResultRPDQualifiersAlkalinity, Total as CaCO3mg/L1681643

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

QC Batch: 275294

QC Batch Method: SM22 2320B

Analysis Method: SM22 2320B Analysis Description: 2320B Alkalinity

Laboratory: Pace An

Pace Analytical Services - Melville

Associated Lab Samples: 70230444006

METHOD BLANK: 1391165 Matrix: Water

Associated Lab Samples: 70230444006

Blank Reporting
Parameter Units Result Limit Analyzed Qualifiers

Alkalinity, Total as CaCO3 mg/L <1.0 1.0 09/27/22 16:20

LABORATORY CONTROL SAMPLE: 1391166

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Alkalinity, Total as CaCO3 mg/L 25 23.6 94 85-115

MATRIX SPIKE SAMPLE: 1391168

70230962001 MS MS % Rec Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers 15.1 Alkalinity, Total as CaCO3 mg/L 67.3 50 104 75-125

SAMPLE DUPLICATE: 1391167

Date: 11/18/2022 11:04 AM

ParameterUnits70230962001 ResultDup ResultRPDQualifiersAlkalinity, Total as CaCO3mg/L15.115.10

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

QC Batch: 275536 Analysis Method: EPA 300.0

QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230444001, 70230444002, 70230444003, 70230444004, 70230444005, 70230444006

METHOD BLANK: 1392249 Matrix: Water

Associated Lab Samples: 70230444001, 70230444002, 70230444003, 70230444004, 70230444005, 70230444006

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

Sulfate mg/L <5.0 5.0 10/01/22 21:42

LABORATORY CONTROL SAMPLE: 1392250

Spike LCS LCS % Rec Conc. % Rec Limits Qualifiers Parameter Units Result Sulfate 10 9.8 98 90-110 mg/L

MATRIX SPIKE SAMPLE: 1392251

MS % Rec 70230411006 Spike MS Parameter Units Result Conc. Result % Rec Limits Qualifiers 55.1 90-110 M1 Sulfate mg/L 10 66.9 117

MATRIX SPIKE SAMPLE: 1392253

70230522001 MS MS % Rec Spike % Rec Parameter Units Result Conc. Result Limits Qualifiers 5.6 Sulfate mg/L 10 15.9 103 90-110

SAMPLE DUPLICATE: 1392252

 Parameter
 Units
 Result Result Result RPD
 Qualifiers

 Sulfate
 mg/L
 55.1
 55.2
 0

SAMPLE DUPLICATE: 1392254

Date: 11/18/2022 11:04 AM

 Parameter
 Units
 70230522001 Result
 Dup Result
 RPD
 Qualifiers

 Sulfate
 mg/L
 5.6
 6.0
 7

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

QC Batch: 274801 Analysis Method: EPA 353.2

QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrite, Unpres.

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230444001, 70230444002, 70230444003, 70230444005

METHOD BLANK: 1388341 Matrix: Water

Associated Lab Samples: 70230444001, 70230444002, 70230444003, 70230444005

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

Nitrite as N mg/L <0.027 0.027 09/22/22 22:49

LABORATORY CONTROL SAMPLE: 1388342

Spike LCS LCS % Rec
Parameter Units Conc. Result % Rec Limits Qualifiers

Nitrite as N mg/L 1 1.0 103 90-110

MATRIX SPIKE SAMPLE: 1388343

70230434001 Spike MS MS % Rec
Parameter Units Result Conc. Result % Rec Limits Qualifiers

Nitrite as N mg/L 0.59 H1,M1

MATRIX SPIKE SAMPLE: 1388361

70230535005 Spike MS MS % Rec
Parameter Units Result Conc. Result % Rec Limits Qualifiers

Nitrite as N mg/L <0.050 0.5 0.49 95 90-110

SAMPLE DUPLICATE: 1388344

Parameter Units Result Result RPD Qualifiers

Nitrite as N mg/L <0.050 H1

SAMPLE DUPLICATE: 1388362

Date: 11/18/2022 11:04 AM

 Parameter
 Units
 70230535005 Result
 Dup Result
 RPD
 Qualifiers

 Nitrite as N
 mg/L
 <0.050</td>
 <0.050</td>

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



NYSEG ITHACA COURT STREET 9/21 Project:

Pace Project No.: 70230444

QC Batch: 274802 Analysis Method: EPA 353.2

QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrite, Unpres.

Laboratory: Pace Analytical Services - Melville

70230444004, 70230444006 Associated Lab Samples:

METHOD BLANK: 1388347 Matrix: Water

Associated Lab Samples: 70230444004, 70230444006

> Blank Reporting Parameter Units Result Limit Analyzed Qualifiers

Nitrite as N < 0.027 0.027 09/22/22 23:26 mg/L

LABORATORY CONTROL SAMPLE: 1388348

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Nitrite as N 1.0 103 90-110 mg/L

MATRIX SPIKE SAMPLE: 1388349

MS MS % Rec 70230306005 Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers < 0.050 < 0.050 90-110 M1 Nitrite as N mg/L 0.5 8

1388351

70230411006 MS MS % Rec Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers

< 0.050 Nitrite as N mg/L 0.5 0.48 93 90-110

SAMPLE DUPLICATE: 1388350

MATRIX SPIKE SAMPLE:

70230306005 Dup RPD Parameter Units Result Result Qualifiers < 0.050 Nitrite as N mg/L < 0.050

SAMPLE DUPLICATE: 1388352

Date: 11/18/2022 11:04 AM

70230411006 Dup RPD Units Qualifiers Parameter Result Result < 0.050 Nitrite as N < 0.050 mg/L

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

QC Batch: 274805 Analysis Method: EPA 353.2

QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate, Unpres.

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230444001, 70230444002, 70230444003, 70230444004, 70230444005, 70230444006

METHOD BLANK: 1388363 Matrix: Water

Associated Lab Samples: 70230444001, 70230444002, 70230444003, 70230444004, 70230444005, 70230444006

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

Nitrate-Nitrite (as N) mg/L <0.037 09/23/22 01:27

LABORATORY CONTROL SAMPLE: 1388364

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Nitrate-Nitrite (as N) 1.0 101 90-110 mg/L

MATRIX SPIKE SAMPLE: 1388365

MS MS % Rec 70230434001 Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers 7.7 Nitrate-Nitrite (as N) mg/L H1,M1

MATRIX SPIKE SAMPLE: 1388379

Nitrate-Nitrite (as N) mg/L <0.050 0.5 0.49 93 90-110

SAMPLE DUPLICATE: 1388366

Date: 11/18/2022 11:04 AM

Parameter Units Result Result RPD Qualifiers

Nitrate-Nitrite (as N) mg/L 5.7 H1

SAMPLE DUPLICATE: 1388380

70230411006 Dup
Parameter Units Result Result RPD Qualifiers

Nitrate-Nitrite (as N) mg/L <0.050 <0.050

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

QC Batch: 275045 Analysis Method: SM22 4500 NH3 H
QC Batch Method: SM22 4500 NH3 H Analysis Description: 4500 Ammonia

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230444001, 70230444002, 70230444003, 70230444004, 70230444005, 70230444006

METHOD BLANK: 1389819 Matrix: Water

Associated Lab Samples: 70230444001, 70230444002, 70230444003, 70230444004, 70230444005, 70230444006

Blank Reporting

ParameterUnitsResultLimitAnalyzedQualifiersNitrogen, Ammoniamg/L<0.050</td>0.05009/26/22 13:49

LABORATORY CONTROL SAMPLE: 1389820

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Nitrogen, Ammonia mg/L 0.99 99 90-110

MATRIX SPIKE SAMPLE: 1389821

MS MS % Rec 70230522003 Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers < 0.10 mg/L 0.91 Nitrogen, Ammonia 87 75-125

SAMPLE DUPLICATE: 1389822

Date: 11/18/2022 11:04 AM

ParameterUnits70230522003 ResultDup ResultRPDQualifiersNitrogen, Ammoniamg/L<0.10</td><0.10</td>

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Cyanide

QC Batch: 276218 Analysis Method: EPA 9014 Total Cyanide
QC Batch Method: EPA 9010C Analysis Description: 9014 Cyanide, Total

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70230444001, 70230444002, 70230444003, 70230444004, 70230444005, 70230444006

METHOD BLANK: 1395268 Matrix: Water

Associated Lab Samples: 70230444001, 70230444002, 70230444003, 70230444004, 70230444005, 70230444006

Blank Reporting

 Parameter
 Units
 Result
 Limit
 Analyzed
 Qualifiers

 ug/L
 <10.0</td>
 10.0
 10/04/22 19:18

LABORATORY CONTROL SAMPLE: 1395269

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Cyanide ug/L 75 79.8 106 85-115

MATRIX SPIKE SAMPLE: 1395270

MS MS % Rec 70230411006 Spike Parameter Units Result Conc. Result % Rec Limits Qualifiers <10.0 ug/L 87.6 Cyanide 100 84 75-125

SAMPLE DUPLICATE: 1395271

Date: 11/18/2022 11:04 AM

 Parameter
 Units
 70230411006 Result
 Dup Result
 RPD
 Qualifiers

 Cyanide
 ug/L
 <10.0</td>
 <10.0</td>

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

Date: 11/18/2022 11:04 AM

B Analyte was detected in the associated m	nethod blank.
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- H1 Analysis conducted outside the EPA method holding time.
- H2 Extraction or preparation conducted outside EPA method holding time.
- M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- R1 RPD value was outside control limits.
- S0 Surrogate recovery outside laboratory control limits.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Date: 11/18/2022 11:04 AM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica Batch
70230444001	MW-22S	RSK-175	275424	RSK-175	276094
0230444002	MW-25S	RSK-175	275424	RSK-175	276094
0230444003	MW-33S	RSK-175	275424	RSK-175	276094
0230444004	MW-46S	RSK-175	275424	RSK-175	276094
0230444005	MW-47S	RSK-175	275424	RSK-175	276094
0230444006	MW-48S	RSK-175	275424	RSK-175	276094
0230444001	MW-22S	EPA 3005A	276202	EPA 6010C	276283
0230444002	MW-25S	EPA 3005A	276202	EPA 6010C	276283
0230444003	MW-33S	EPA 3005A	276202	EPA 6010C	276283
0230444004	MW-46S	EPA 3005A	276587	EPA 6010C	276675
0230444005	MW-47S	EPA 3005A	276587	EPA 6010C	276675
0230444006	MW-48S	EPA 3005A	276587	EPA 6010C	276675
0230444001	MW-22S	EPA 3510C	275175	EPA 8270E SIM	275289
0230444001	MW-22S	EPA 3510C	275819	EPA 8270E SIM	275934
0230444002	MW-25S	EPA 3510C	275175	EPA 8270E SIM	275289
0230444002	MW-25S	EPA 3510C	275819	EPA 8270E SIM	275934
0230444003	MW-33S	EPA 3510C	275175	EPA 8270E SIM	275289
0230444003	MW-33S	EPA 3510C	275819	EPA 8270E SIM	275934
0230444004	MW-46S	EPA 3510C	275175	EPA 8270E SIM	275289
0230444004	MW-46S	EPA 3510C	275819	EPA 8270E SIM	275934
0230444005	MW-47S	EPA 3510C	275175	EPA 8270E SIM	275289
0230444005	MW-47S	EPA 3510C	275819	EPA 8270E SIM	275934
0230444006	MW-48S	EPA 3510C	275175	EPA 8270E SIM	275289
0230444006	MW-48S	EPA 3510C	275819	EPA 8270E SIM	275934
0230444001	MW-22S	EPA 8260C/5030C	275744		
0230444002	MW-25S	EPA 8260C/5030C	275744		
0230444003	MW-33S	EPA 8260C/5030C	275744		
0230444004	MW-46S	EPA 8260C/5030C	275744		
0230444005	MW-47S	EPA 8260C/5030C	275744		
0230444006	MW-48S	EPA 8260C/5030C	275744		
0230444001	MW-22S	SM22 2320B	275174		
0230444002	MW-25S	SM22 2320B	275174		
0230444003	MW-33S	SM22 2320B	275174		
0230444004 0230444005	MW-46S MW-47S	SM22 2320B SM22 2320B	275174 275174		
0230444006	MW-48S	SM22 2320B	275174		
0230444001	MW-22S	EPA 300.0	275536		
0230444002	MW-25S	EPA 300.0	275536		
0230444003	MW-33S	EPA 300.0	275536		
0230444004	MW-46S	EPA 300.0	275536		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NYSEG ITHACA COURT STREET 9/21

Pace Project No.: 70230444

Date: 11/18/2022 11:04 AM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70230444005	MW-47S	EPA 300.0	275536		
70230444006	MW-48S	EPA 300.0	275536		
70230444001	MW-22S	EPA 353.2	274805		
70230444002	MW-25S	EPA 353.2	274805		
70230444003	MW-33S	EPA 353.2	274805		
70230444004	MW-46S	EPA 353.2	274805		
70230444005	MW-47S	EPA 353.2	274805		
70230444006	MW-48S	EPA 353.2	274805		
70230444001	MW-22S	EPA 353.2	274801		
70230444002	MW-25S	EPA 353.2	274801		
70230444003	MW-33S	EPA 353.2	274801		
70230444004	MW-46S	EPA 353.2	274802		
70230444005	MW-47S	EPA 353.2	274801		
70230444006	MW-48S	EPA 353.2	274802		
70230444001	MW-22S	SM22 4500 NH3 H	275045		
70230444002	MW-25S	SM22 4500 NH3 H	275045		
70230444003	MW-33S	SM22 4500 NH3 H	275045		
70230444004	MW-46S	SM22 4500 NH3 H	275045		
70230444005	MW-47S	SM22 4500 NH3 H	275045		
70230444006	MW-48S	SM22 4500 NH3 H	275045		
70230444001	MW-22S	EPA 9010C	276218	EPA 9014 Total Cyanide	276342
70230444002	MW-25S	EPA 9010C	276218	EPA 9014 Total Cyanide	276342
70230444003	MW-33S	EPA 9010C	276218	EPA 9014 Total Cyanide	276342
70230444004	MW-46S	EPA 9010C	276218	EPA 9014 Total Cyanide	276342
70230444005	MW-47S	EPA 9010C	276218	EPA 9014 Total Cyanide	276342
70230444006	MW-48S	EPA 9010C	276218	EPA 9014 Total Cyanide	276342

WO#: 70230444

CHAIN-OF-CUSTODY / Analytical Reques
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant field

Regulatory Agency State / Location Page: The Chain-of-Custody is a LEGAL DOCUMENT. All relevant tield 70230444
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://infr 70230444 latoya sobratie@pacelabs.com, Purchase Order #:

Project Name: NYSEG- ITHACA COURT STREET PROJECT | Pace Project Manager.

Project #: 7.2. C.2.1.5.9 Invoice Information: Company Name Attention: Address: Required Project Information: Report To: Breana Pabst Capy To: Fex Email boabst@geiconsultants.com 1301 Trumansburg Rd GEI Consultants Required Client Information: 607-216-8955 Suite N. Ithaca, NY 14850 Requested Due Date: Company: ddress: Phone:

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		Sampl	le Condi	ition Upon Re WO#: 70230444
/ Pace Analytical °	Clina	+ M		
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Courier: Fed Ex UPS USPS Clie	nt Con	amoraial		CLIENT: GEI-I
Tracking #: 77799 886 5		imerciai	L_race L_J	Juner :
Custody Seal on Cooler/Box Present:	Noc CIA	le Cool	-:	DV. CT. H. ST.
Packing Material: Bubble Wrap Bub	hla Dage	o Seal	s intact:	1 000114
Thermometer Used: THO91 74148	Corre	ZIDIOC	sonov	, Sido Hono
Cooler Temperature(°C): 0.2	— Coole	cuon rac	tor: + ()	J Process nad bogan
Temp should be above freezing to 6.0°C		ii remper	ature Corre	ected(°C): 0-3 Oate/Time 5035A kits placed in freezer
USDA Regulated Soil (MN/A, water samp	-lo)			24 11
		1		Date and Initials of person examining contents: $SAR 9$
Oid samples originate in a quarantine zone	within the	United St	ates: AL, AR,	
NM, NY, OK, OR, SC, TN, TX, or VA (check map)]?	Yes □No		io di di anti
If Yes to either question, fill out a Regula	ated Soil (Checklist	{F-LI-C-010}	and include with SCUR/COC paperwork.
Chain of Custody Present:	1			COMMENTS:
Chain of Custody Filled Out:	■Yes	□No	3	
Chain of Custody Relinquished:	Yes		¹	2.
Sampler Name & Signature on COC:	ElYes	□No		3.
Samples Arrived within Hold Time:	ElVes	□No	□N/A	4.
Short Hold Time Analysis (<72hr):	ElYes	□No		5.
Rush Turn Around Time Requested:	□Yes	No	1	6.
Sufficient Volume: (Triple volume provided fo	□Yes		<u> </u>	7.
Correct Containers Used:		□No		8.
-Pace Containers Used:	⊠Yes			9.
Containers Intact:	□Ves □Ves			10
Filtered volume received for Oissolved tests		□No		10.
Sample Labels match COC:	□Yes		EN/A	11. Note if sediment is visible in the dissolved container.
-Includes date/time/I0, Matrix: SL WT	UII	□No		12.
All containers needing preservation have bee	on EVes	□No	□N/A	13. OHNO, OH-SO, ON-OH OHO
obooked?	1,00		⊔N/A	13. \square HNO ₃ \square H ₂ SO ₄ \square NaOH \square HCI
off paper Lot # 205522			0.	
All containers needing preservation are found	d to be			Sample #
n compliance with method recommendation	?			
HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide,	Elyes	□No	□N/A	9
NAOH>12 Cyanide)				, A
exceptions: VOA, Coliform, TOC/DOC, Oil and G	rease,			
IRU/8015 (water).				Initial when completed: Lot # of added Date/Time preservative
er Method, VOA pH is checked after analysis				preservative: dadded:
amples checked for dechlorination:	□Yes	□No	A/NE.	14.
I starch test strips Lot #				<i>n</i>
esidual chlorine strips Lot #				Positive for Res. Chlorine? Y N
M 4500 CN samples checked for sulfide?	Tayes	□No	□N/A	15.
ead Acetate Strips Lot # 14-862				Positive for Sulfide?
eadspace in VOA Vials (>6mm): rip Blank Present:	□Yes	ONO	□N/A	16.
	□Yes	CaNo	□N/A	17.
rip Blank Custody Seals Present ace Trip Blank Lot # (if applicable):	□Yes	□No	□N/A	
ient Notification/ Resolution: erson Contacted:				Field Data Required? Y / N
ension Contacted: enments/ Resolution:				Date/Time:
Sittey (Coold(IUI).				

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