US Army Corps of Engineers
Baltimore District

QUARTERLY OM&M REPORT NO. 20

April to June 2025

PFOS/PFOA Mitigation
Interim Storm Water Treatment System
Long Term Operation, Maintenance, and Monitoring Services

Stewart Air National Guard Base, New York
Contract No. W912DR-21-C-0035

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ACRONYMS AND ABBREVIATIONS

AFFF	aqueous film-forming foam
BES	Bristol Environmental Solutions, LLC
D.O.	dissolved oxygen
EPA	U.S Environmental Protection Agency
GAC	granular activated carbon
ISWTS	Interim Storm Water Treatment System
IX	ion exchange resin
mg/L	milligrams per liter
MIC	microbiologically influenced corrosion
NTU	nephelometric turbidity units
OM&M	Operations, Maintenance, and Monitoring
PFAS	per- and polyfluoroalkyl substances
PFOA	perfluorooctanoic acid
PFOS	perfluorooctanesulfonic acid
ppt	parts per trillion
SANGB	Stewart Air National Guard Base

EXECUTIVE SUMMARY

An Interim Storm Water Treatment System (ISWTS) has been operating at Stewart Air National Guard Base (SANGB) in Newburgh, New York, since July 13, 2020. The ISWTS treats stormwater in the Recreation Pond. The stormwater is contaminated with perfluorooctanesulfonic acid (PFOS), perfluorooctanoic acid (PFOA), and other per- and polyfluoroalkyl substances (PFAS). Aqueous film-forming foam (AFFF) used at SANGB is the source of the PFAS contamination.

This report summarizes ISWTS Operations, Maintenance and Monitoring (OM&M) between April 1 and June 30, 2025. The ISWTS consists of pretreatment systems and four PFOS/PFOA treatment trains with three treatment vessels per train. Each treatment train consists of two granular activated carbon (GAC) vessels followed by one ion exchange resin (IX) vessel.

Performance monitoring PFOS/PFOA samples are normally collected weekly from the ISWTS influent, effluent, and intra-process sample ports to monitor ISWTS performance and PFOS/PFOA breakthrough. Intra-process sample ports are on the effluent from each PFOS/PFOA treatment vessel on all four trains, but only one of the four treatment trains are sampled each week.

One complete treatment media change was performed between April 10 and April 16, 2025, due to breakthrough of PFOS/PFOA and increased fouling of the IX media. This complete media change was performed approximately 5 weeks after a partial media change in late February of the Primary and Secondary GAC that was required due to premature fouling of the GAC media. Bacteria and solids contamination within the ISWTS was identified as the primary sources of treatment media fouling and restricting the ISWTS hydraulic capacity that could not be mitigated through maintenance and backwashing.

The early April media exchange activities included replacement of the coarse and fine sand filtration media, primary and secondary GAC vessels with Calgon Filtrasorb 400 carbon and IX media was replaced with new Purolite PFA-694 IX resin after breakthrough in the combined ISWTS effluent was observed in March 2025.

During the performance period, a total of 36,685,800 gallons of stormwater were treated and discharged over the outfall weir by the ISWTS. There were 91 days between April 1 and June 30, 2025. The Recreation Pond was drawn down below the outfall weir for 18 of the 91 days or 20% of the quarter, which is below average for Quarter 2 periods. Decreased drawdown below the weir during this performance period was influenced by above normal seasonal precipitation during the performance period.

PFOS and PFOA samples were collected 13 times on the influent and effluent during the performance period. The combined PFOS and PFOA influent average concentration during the performance period was 261 ppt. The combined PFOS and PFOA effluent average concentration was 0.7 ppt. The highest PFOS and PFOA detected in the combined effluent was 4.7 ppt on April 1, 2025. Complete media exchange activities were started on April 10, 2025.

1.0 INTRODUCTION

Bristol Environmental Solutions, LLC (BES), under Contract with the US Army Corps of Engineers is operating an Interim Storm Water Treatment System (ISWTS) on behalf of the Air National Guard at Stewart Air National Guard Base (SANGB) in Newburgh, New York. The stormwater is contaminated with perfluorooctanesulfonic acid (PFOS), perfluorooctanoic acid (PFOA) and other per- and polyfluoroalkyl substances (PFAS). Aqueous film-forming foam (AFFF) used at SANGB is the source of the PFAS contamination that is present in the stormwater.

The ISWTS intercepts stormwater from the Recreation Pond and discharges treated effluent over the existing Recreation Pond outfall weir. When weather conditions allow, the ISWTS draws down the pond level below the outfall weir and treats all stormwater discharges. The Recreation Pond drawdown below the weir provides a storage reservoir to prevent discharge of untreated stormwater when precipitation occurs. When precipitation events occur that exceed the ISWTS capacity the Recreation Pond fills up and both treated effluent and untreated stormwater go over the outfall weir.

This is the 20th Quarterly Report that summarizes Operations, Maintenance, and Monitoring (OM&M) activities conducted by BES at SANGB. This report summarizes ISWTS operations between April 1 and June 30, 2025, at SANGB.

2.0 GENERAL OPERATIONS SUMMARY

The ISWTS has been operating since July 13, 2020, following installation and commissioning of pretreatment system improvements in June and early July 2020. The ISWTS consists of four treatment trains with three treatment vessels per train. This report summarizes OM&M between April 1 and June 30, 2025, or months 58, 59, and 60 post startup.

During the performance period the system influent, intra-process monitoring (three locations) and effluent was monitored weekly to confirm treatment system effectiveness for PFOS, PFOA, and other PFAS. Intra-process monitoring consists of three locations at the outlet of each vessel. Additional performance sampling was also performed at two (2) intermediate intra-process sample ports to monitor IX media performance from Train B at approximately one quarter or (25%) through the IX media and Train C at approximately one half or (50%) through the IX media during the quarter. These additional performance samples were only collected once during the quarter on April 1, 2025. Damage to these sample ports were discovered during the April media exchange and repairs were not remedied at the time of discovery. Final PFAS results are provided in **Table 1**.

PFOS and PFOA removal is performed by granular activated carbon (GAC) and ion exchange resin (IX) media that absorb these compounds and other PFAS. One complete PFOS and PFOA media change on the primary and secondary GAC vessels and IX resin vessels was performed between April 10 and 16, 2025. The complete media exchange was conducted due to PFOS/PFOA detection in the effluent and IX media fouling that was restricting the ISWTX hydraulic capacity.

The analytical method used for all PFAS monitoring during the performance period was U.S. Environmental Protection Agency (EPA) 537.1 M. Final PFAS results for the entire quarter are provided in **Table 1**.

3.0 ISWTS CONFIGURATION DURING PERFORMANCE PERIOD

The ISWTS maintained the following unit processes; centrifugal separator, coarse sand filtration, fine sand filtration, primary and secondary bag filtration, followed by three stages of PFOS/PFOA adsorption treatment media.

During this reporting period, four PFOS/PFOA treatment trains (Trains A, B, C, and D) comprised of Primary GAC, Secondary GAC, and IX were employed. During previous

reporting periods, BES determined that this configuration outperformed one stage of GAC with two stages of IX or three stages of GAC. A partial media change, performed in February 2025, employed reactivated GAC in Primary GAC and Calgon Filtrasorb 400 in the Secondary GAC. The earlier partial media change was performed because of premature GAC fouling, but IX resin performance was still acceptable. The GAC media installed during the April 2025 exchange used Calgon Filtrasorb 400 in both the Primary and Secondary GAC and the IX resin continued to be Purolite PFA694.

Since bacteria contamination was identified in the first quarter of 2025, the low dose peracetic solution was reintroduced starting in April 2025. During the quarter, the ultrasonic device (Pulsar 3000) was also deployed to mitigate seasonal algae growth in the Recreation Pond. The ISWTS configuration is shown in **Figure 1**.

4.0 GENERAL FACILITY OPERATIONS SUMMARY

During the performance period, approximately 36.7 million gallons of stormwater were treated. Effluent is either directed over the outfall weir or recycled back to the pond. During the performance period, all effluent was discharged over the outfall weir. The table below summarizes the total volume treated (gallons), run time (% of total time), and average treatment rate (gallons per minute) during each month of system operations. The total gallons summarized below represent the total treated water discharged over the weir during the performance period. Due to media exchange activities, the gallons treated in April were slightly lower than in May and June.

Month	Volume Treated (Gallons)	Run Time[1] (Percent)	Average Treatment Flow[2] (GPM)
April 2025	10,894,985	97%	258
May 2025	12,547,125	99%	293
June 2025	13,243,690	99%	297
Total	36,685,800		

[1]Run Time – Hours pump running divided by the total period time

[2]Average GPM – Average flow total gallons divided by operational hours

% = percent

GPM = gallons per minute

There were 91 days between April 1 and June 30, 2025. The Recreation Pond was drawn down below the outfall weir for 18 of the 91 days or 20% of the quarter, which is below average for the period. Drawdown below the weir in Quarter 2 was influenced by above average precipitation and warm temperatures causing above average stormwater inflow.

The Recreation Pond level during the performance period is shown in **Figure 2**.

5.0 FACILITY PERFORMANCE MONITORING

The analytical method used for all PFAS monitoring during the performance period was EPA 537.1 M. Final PFAS results for the entire quarter are provided in **Table 1**.

5.1 INFLUENT AND EFFLUENT PFOS/PFOA AND TOTAL PFAS MONITORING

As previously noted, samples were collected 13 times on the influent and effluent during the performance period for PFOS, PFOA, and other PFAS compounds. **Figure 3** shows the influent and effluent combined PFOS and PFOA concentrations based on the validated results. As shown in **Figure 3**, the combined PFOS and PFOA influent and effluent average concentration detected during the performance period were 261 parts per trillion (ppt) and 0.7 ppt respectively. PFOS/PFOA was detected in the first two weekly samples in April 2025, with the highest PFOS/PFOA concentration detected in the effluent at 4.7 ppt. In response to the detected PFOS/PFOA in the effluent, a complete media change

was completed between April 10 and 16, 2025. All influent and effluent PFAS sample results are provided in Table 1.

5.2 INTRA-PROCESS PFOS/PFOA AND TOTAL PFAS MONITORING

During the performance period, intra-process monitoring for PFOS/PFOA and other PFAS compounds was performed after all three media stages and at two intermediate sample ports on Train B and Train C IX vessels in early April 2025. Sample results are provided in Table 1.

Weekly intra-process samples are collected to monitor the performance of GAC and IX treatment from each of the four treatment trains. Each week one of the four trains (A, B, C, or D) are sampled. When intra-process samples are collected, they are collected from the primary GAC effluent, secondary GAC effluent, and IX effluent. Normally the trains are sampled in order and each train is sampled every fourth event. Results from intra-process monitoring after the April media exchange showed no breakthrough of PFOS/ PFOA from the IX resin in the polish position. During the performance monitoring period BES collected one round of performance samples on April 1, 2025, from intermediate sample ports installed at approximately one quarter or (25%) through the Train B IX vessel and approximately one half or (50%) through the Train C IX vessel. These sample ports were installed for monitoring the IX media performance. The highest combined PFOS/PFOA concentrations in the Primary GAC effluent, Secondary GAC effluent, 25% IX, 50% IX and IX effluent were 179, 110, 132, 111, and 4.9 ppt respectively during the performance monitoring period. During the April 2025 media change, it was observed that both intermediate IX sample ports installed on Trains B and C were broken. It is likely that these sample ports were compromised during the previous December 2024 IX media change. It should be noted that no additional intermediate IX sampling will be carried out until these ports are repaired or replaced during a future planned media exchange.

5.3 OTHER WATER QUALITY MONITORING

During the performance period additional monitoring was performed for total organic carbon on the influent, bag filter effluent, and final effluent on April 3, 2025. These results are shown in **Table 2**. Elevated TOC is known to impact treatment media life. The ion exchange resin manufacturer recommends that TOC not be more than 2 mg/L. The influent TOC on April 3, 2025 was 3.70 mg/L, and the effluent TOC was 2.20 mg/L. Samples were not collected this quarter to confirm if the GAC effluent (IX influent), met this objective.

5.4 TURBIDITY MONITORING

Turbidity is a measurement that can quantify the level of solids present in the water. It is an onsite test that is helpful to measure in real time, the influent water quality and intra-process performance to confirm the effectiveness of the pretreatment and filtration systems in removing solids. During the performance period, influent and effluent turbidity averaged 10.2 nephelometric turbidity units (NTUs) and 1.08 NTUs, respectively. A graph of the influent and effluent turbidity during the performance period is included as **Figure 4**.

5.5 BIOFOULING MONITORING AND CONTROL

BES followed up on the bacteria contamination because it potentially contributed to the premature fouling of GAC that occurred in January and February 2025. Visual evidence of bacterial contamination (bio-slime) was identified in sand filtration vessels, GAC vessels, and to a lesser extend the IX resin media at that time. To better understand the type of bacterial contamination, the BES Team performed sampling in early April and quantitative/qualitative analysis of microbial groups.

Sampling results confirmed high bacteria concentrations were present in the sand, GAC, and IX media. The types of bacteria included, but were not limited to; sulfate reducers,

fermenters, and biofilm formers. These bacteria can thrive under low dissolved oxygen conditions, that may be more prevalent during winter periods.

In response to the biofouling concerns, peracetic acid was reintroduced into the influent process during the performance period for bacteria control. During the performance period 35 gallons of peracetic acid was introduced, and the average dose was 0.96 gallons of peracetic acid per million gallons of water treated or 3.28 pounds per day. Ultrasonic treatment to inhibit algae growth was also deployed in the Recreation Pond

6.0 SCHEDULED PREVENTIVE MAINTENANCE

During the performance period the following preventive maintenance activities were completed:

- Coarse and fine sand filter backwashes;
- Coarse and fine sand filter cleanings;
- Primary and secondary bag filter changes;
- Primary and secondary carbon backwashing.

During the performance period, the coarse and fine filters were each backwashed 684 and 678 times respectively, the sand media was replaced in early April and four cleaning events were completed. The primary and secondary bag filters were changed 25 and 37 times, respectively, during the performance period. To help reduce pressure restrictions and maintain acceptable PFAS treatment media pressure, the primary, and secondary GAC vessels were backwashed 10 and 2 times respectively during the quarter. The sand filter maintenance, bag filter changes, GAC backwash events, and ion exchange resin observations are summarized in **Table 3**.

7.0 MATERIAL DISPOSAL

Spent ion exchange rein, waste bag filters, spent sand and gravels, and spent granular activated carbon were generated during this reporting period. On April 18, spent GAC waste was demobilized from SANGB by the Onion Equipment Company for GAC

regeneration at Calgon Corporation in Kentucky. The spent ion exchange resin, waste bag filters, and spent sand and gravels collected were demobilized from the site on April 21, 2025, by Onion Equipment Company for disposal at US Ecology Subtitled C landfill in Michigan. Material disposal documents are provided in Attachment 1.

8.0 PROJECTED ACTIVITIES FOR NEXT PERFORMANCE PERIOD

To improve mitigation of biofouling risk, BES and USACE are working together on targeted maintenance strategies for in situ media disinfection and monitoring activities through Standard Operating Procedures to address equipment cleaning, water level control, and water quality testing during changing seasonal conditions. Bristol plans to procure and start monitoring dissolved oxygen (D.O.) at ISWTS influent and select intra-process monitoring locations to evaluate if D.O. can be an indicator for increased biofouling risk.

BES will continue operating the ISWTS with all four treatment trains configured as primary GAC, secondary GAC, and IX resin polish. BES plans to conduct a complete media exchange event in early August 2025, including new coarse and fine sand filtration media, new Calgon GAC, and new Purolite IX resin.

BES will continue to monitor for visual signs of bacterial contamination and media fouling. Continued use of the low dose peracetic injection is planned. Ultrasonic algae control equipment will be operational until Winter of 2025.

Bristol will continue to evaluate modifications that could be considered to improve the overall system performance.

TABLES

C535940V1_04/01/2025

RESULTS OF ANALYSES OF WATER **VALIDATED DATA**

			Bureau Veritas ID	APMK94	APMK99	APML00	APMK96	APML01	APML02	APMK98	APMK97	APMK95			
			Sampling Date	2025/04/01 09:30	2025/04/01 10:15	2025/04/01 10:15	2025/04/01 09:40	2025/04/01 09:47	2025/04/01 09:53	2025/04/01 10:07	2025/04/01 10:00	2025/04/01 09:35			
			Sample ID	**SANG-FB-04012025**	**SANG-INF-04012025**	**SANG-INF-04012025D**	**SANG-PEDR1-04012025**	**SANG-LOWC1-04012025**	**SANG-MIDBR1-04012025**	**SANG-PEDG1-04012025**	**SANG-PEDG2-04012025**	**SANG-EFF-04012025**	**DL**	**LOD**	**LOQ**
Perfluorinated Compounds	**Method**	**UNITS**													
Perfluorobutanoic acid (PFBA)	EPA 537.1 M	ng/L	1.6 U	9.6	9.7	6.4	8.9	8.8	11	8.4	6.9	0.78	1.8	2.2
Perfluoropentanoic acid (PFPeA)	EPA 537.1 M	ng/L	1.6 U	32	32	9.6	25	25	31	24	12	0.57	1.8	2.2
Perfluorohexanoic acid (PFHxA)	EPA 537.1 M	ng/L	1.6 U	27	27	3.5	22	22	27	21	4.2	0.58	1.8	2.2
Perfluoroheptanoic acid (PFHpA)	EPA 537.1 M	ng/L	1.6 U	15	14	1.4 J	11	11	13	11	1.4 J	0.56	1.8	2.2
Perfluorooctanoic acid (PFOA)	EPA 537.1 M	ng/L	1.6 U	15	15	1.1 J	11	12	13	11	1.2 J	0.79	1.8	2.2
Perfluorononanoic acid (PFNA)	EPA 537.1 M	ng/L	1.6 U	5.1	4.8	1.8 U	4	4.2	4.3	3.8	1.8 U	0.56	1.8	2.2
Perfluorodecanoic acid (PFDA)	EPA 537.1 M	ng/L	1.2 U	4.3	3.9	0.53 J	3.1	3.2	3.7	2.9	1.3 U	0.43	1.3	2.2
Perfluoroundecanoic acid (PFUnA)	EPA 537.1 M	ng/L	1.6 U	0.83 J	0.81 J	1.8 U	0.59 J	0.61 J	0.54 J	0.63 J	1.8 U	0.53	1.8	2.2
Perfluorododecanoic acid (PFDoA)	EPA 537.1 M	ng/L	1.6 U	1.1 J	0.95 J	1.8 U	1.6 U	1.8 U	1.8 U	1.8 U	1.8 U	0.66	1.8	2.2
Perfluorotridecanoic acid (PFTrDA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.8 U	1.6 U	1.8 U	1.8 U	0.51 J	1.8 U	0.51	1.8	2.2
Perfluorotetradecanoic acid(PFTeDA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.8 U	1.6 U	1.8 U	1.8 U	1.8 U	1.8 U	0.6	1.8	2.2
Perfluorobutanesulfonic acid (PFBS)	EPA 537.1 M	ng/L	1.6 U	5.9	6	1.8 U	4	4.2	5	3.6	1.8 U	0.72	1.8	2.2
Perfluoropentanesulfonic acid PFPeS	EPA 537.1 M	ng/L	1.6 U	6.6	6.7	1.8 U	4.9	4.4	5.6	3.8	1.8 U	0.71	1.8	2.2
Perfluorohexanesulfonic acid(PFHxS)	EPA 537.1 M	ng/L	1.2 U	43	43	1.0 J	28	30	34	28	0.96 J	0.41	1.3	2.2
Perfluoroheptanesulfonic acid PFHpS	EPA 537.1 M	ng/L	1.6 U	2.3	2.2 J	1.8 U	1.6 J	1.9 J	1.7 J	1.5 J	1.8 U	0.53	1.8	2.2
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1 M	ng/L	1.6 U	150 (2)	160 (2)	3.7	100 (2)	120 (2)	130 (2)	99	3.7	4.6	16	20
Perfluorononanesulfonic acid (PFNS)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.8 U	1.6 U	1.8 U	1.8 U	1.8 U	1.8 U	0.62	1.8	2.2
Perfluorodecanesulfonic acid (PFDS)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.8 U	1.6 U	1.8 U	1.8 U	1.8 U	1.8 U	0.77	1.8	2.2
Perfluorooctane Sulfonamide (PFOSA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.8 U	1.6 U	1.8 U	1.8 U	1.8 U	1.8 U	0.61	1.8	4.4
MeFOSAA	EPA 537.1 M	ng/L	2.8 U	3.1 U	3.1 U	3.1 U	2.8 U	3.1 U	3.1 U	3.1 U	3.1 U	0.88	3.1	4.4
EtFOSAA	EPA 537.1 M	ng/L	2.8 U	3.1 U	3.1 U	3.1 U	2.8 U	3.1 U	3.1 U	3.1 U	3.1 U	1.1	3.1	4.4
4:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	0.76 J (1)	0.77 J (1)	1.8 U	0.63 J	0.65 J (1)	0.70 J (1)	0.54 J (1)	1.8 U	0.49	1.8	4.4
6:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.2 U	34	34	2.6 J	21	23	25	20	2.8 J	0.41	1.3	4.4
8:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	9.7	9.8	1.8 U	6.7	6.8	7.7	6.2	0.69 J	0.53	1.8	4.4
Hexafluoropropyleneoxide dimer acid	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.8 U	1.6 U	1.8 U	1.8 U	1.8 U	1.8 U	0.57	1.8	4.4
4,8-Dioxa-3H-perfluorononanoic acid	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.8 U	1.6 U	1.8 U	1.8 U	1.8 U	1.8 U	0.54	1.8	4.4
9Cl-PF3ONS (F-53B Major)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.8 U	1.6 U	1.8 U	1.8 U	1.8 U	1.8 U	0.66	1.8	4.4
11Cl-PF3OUdS (F-53B Minor)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.8 U	1.6 U	1.8 U	1.8 U	1.8 U	1.8 U	0.46	1.8	4.4

Notes:

(1) Result is estimated as analyte confirmation criterion (ion ratio) was not met.

(2) Due to high concentration of the target analyte, a reduced sample volume was extracted and analyzed. Detection limit was adjusted accordingly (10x). Some results reference different lab limits due to dilution.

ng/L - nanograms per Liter or parts per trillion.

DL = Detection Limit

EFF = Effluent

FB= Field Blank

INF = Influent

J = Estimated result. Associated value may not be accurate or precise.

LOD = Limit of Detection

LOQ = Limit of Quantitation

SANGB = Stewart Air National Guard Base

U - Undetected. Compound was analyzed for, but not detected.

Sample SANG-FB-04012025 is a field blank.

Sample SANG-INF-04012025 D is a field duplicate of SANG-INF-04012025 .

Sample ports located in each of the 4 trains; A, B, C, D. such as: PBG1= post B train GAC unit 1.

PEDG1 = post E port B GAC Unit 1

PEDG2 = post E port B train GAC Unit 2

PEDR1 = post E port B Resin 1

Effluent (EFF) = Treated water that has passed through the ISWTS

Influent (INF) = Untreated water from Recreational Pond

ISWTS = Interim Storm Water Treatment System

C538888V1_04/08/2025

RESULTS OF ANALYSES OF WATER **VALIDATED DATA**

		Bureau Veritas ID	APRX91	APRX92	APRX93	APYB38	APYB39	APYB40			
		Sampling Date	2025/04/08 08:20	2025/04/08 08:25	2025/04/08 08:30	2025/04/15 10:00	2025/04/15 10:05	2025/04/15 10:10			
		Sample ID	SANG-FB-04082025	SANG-EFF-04082025	SANG-INF-04082025	SANG-FB-04152025	SANG-EFF-04152025	SANG-INF-04152025	DL	LOD	LOQ
Perfluorinated Compounds	**Method**	**UNITS**									
Perfluorobutanoic acid (PFBA)	EPA 537.1 M	ng/L	1.6 U	9.2	14	1.6 U	1.6 U	16	0.73	1.7	2.1
Perfluoropentanoic acid (PFPeA)	EPA 537.1 M	ng/L	1.6 U	16	46	1.6 U	0.90 J	49	0.53	1.7	2.1
Perfluorohexanoic acid (PFHxA)	EPA 537.1 M	ng/L	1.6 U	5.3	40	1.6 U	1.6 U	42	0.54	1.7	2.1
Perfluoroheptanoic acid (PFHpA)	EPA 537.1 M	ng/L	1.6 U	1.6 J	19	1.6 U	1.6 U	25	0.52	1.7	2.1
Perfluorooctanoic acid (PFOA)	EPA 537.1 M	ng/L	1.6 U	1.0 J	19	1.6 U	1.6 U	25	0.74	1.7	2.1
Perfluorononanoic acid (PFNA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	5.4	1.6 U	1.6 U	8.5	0.52	1.7	2.1
Perfluorodecanoic acid (PFDA)	EPA 537.1 M	ng/L	1.2 U	1.3 U	4.3	1.2 U	1.2 U	4.6	0.41	1.2	2.1
Perfluoroundecanoic acid (PFUnA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	0.54 J	1.6 U	1.6 U	0.51 J	0.5	1.7	2.1
Perfluorododecanoic acid (PFDoA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.7 U	0.61	1.7	2.1
Perfluorotridecanoic acid (PFTrDA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.7 U	0.48	1.7	2.1
Perfluorotetradecanoic acid(PFTeDA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.7 U	0.56	1.7	2.1
Perfluorobutanesulfonic acid (PFBS)	EPA 537.1 M	ng/L	1.6 U	1.8 U	7.4	1.6 U	1.6 U	8.5	0.68	1.7	2.1
Perfluoropentanesulfonic acid PFPeS	EPA 537.1 M	ng/L	1.6 U	1.8 U	8.7	1.6 U	1.6 U	11	0.67	1.7	2.1
Perfluorohexanesulfonic acid(PFHxS)	EPA 537.1 M	ng/L	1.2 U	1.0 J	52	1.2 U	1.2 U	74	0.39	1.2	2.1
Perfluoroheptanesulfonic acid PFHpS	EPA 537.1 M	ng/L	1.6 U	1.8 U	2.5	1.6 U	1.6 U	3.6	0.5	1.7	2.1
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1 M	ng/L	1.6 U	2.9	150 (1)	1.6 U	1.6 U	220 (1)	4.6	16	20
Perfluorononanesulfonic acid (PFNS)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.7 U	0.58	1.7	2.1
Perfluorodecanesulfonic acid (PFDS)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.7 U	0.72	1.7	2.1
Perfluorooctane Sulfonamide (PFOSA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	0.70 J	0.57	1.7	4.2
MeFOSAA	EPA 537.1 M	ng/L	2.8 U	3.1 U	3.1 U	2.8 U	2.8 U	2.9 U	0.82	2.9	4.2
EtFOSAA	EPA 537.1 M	ng/L	2.8 U	3.1 U	3.1 U	2.8 U	2.8 U	2.9 U	1	2.9	4.2
4:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	1.8 U	0.68 J (2)	1.6 U	1.6 U	0.91 J (2)	0.46	1.7	4.2
6:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.2 U	3.6 J	46	1.2 U	1.2 U	71	0.39	1.3	4.2
8:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	1.8 U	9.1	1.6 U	0.89 J	17	0.5	1.7	4.2
Hexafluoropropyleneoxide dimer acid	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.7 U	0.53	1.7	4.2
4,8-Dioxa-3H-perfluorononanoic acid	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.7 U	0.51	1.7	4.2
9Cl-PF3ONS (F-53B Major)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.7 U	0.61	1.7	4.2
11Cl-PF3OUdS (F-53B Minor)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.7 U	0.43	1.7	4.2

Notes:

(1) Due to high concentration of the target analyte, a reduced sample volume was extracted and analyzed. Detection limit was adjusted accordingly (10x). Some results reference different lab limits due to dilution.

(2) Result is estimated as analyte confirmation criterion (ion ratio) was not met.

ng/L - nanograms per Liter or parts per trillion.

DL = Detection Limit

EFF = Effluent

FB= Field Blank

INF = Influent

J = Estimated result. Associated value may not be accurate or precise.

LOD = Limit of Detection

LOQ = Limit of Quantitation

SANGB = Stewart Air National Guard Base

U - Undetected. Compound was analyzed for, but not detected.

Sample SANG-FB-04082025 is a field blank.

Sample ports located in each of the 4 trains; A, B, C, D. such as: PBG1= post B train GAC unit 1.

Effluent (EFF) = Treated water that has passed through the ISWTS

Influent (INF) = Untreated water from Recreational Pond

ISWTS = Interim Storm Water Treatment System

C544951V1_04/22/2025

RESULTS OF ANALYSES OF WATER **VALIDATED DATA**

		Bureau Veritas ID	AQDV28	AQDV33	AQDV34	AQDV32	AQDV31	AQDV30	AQDV29			
		Sampling Date	2025/04/22 08:15	2025/04/22 08:40	2025/04/22 08:40	2025/04/22 08:35	2025/04/22 08:30	2025/04/22 08:25	2025/04/22 08:20			
		Sample ID	**SANG-FB-04222025**	**SANG-INF-04222025**	**SANG-INF-04222025D**	**SANG-PEAG1-04222025**	**SANG-PEAG2-04222025**	**SANG-PEAR1-04222025**	**SANG-EFF-04222025**	**DL**	**LOD**	**LOQ**
Perfluorinated Compounds	**Method**	**UNITS**										
Perfluorobutanoic acid (PFBA)	EPA 537.1 M	ng/L	1.6 U	27	28	4.9	1.6 U	1.6 U	1.6 U	0.7	1.6	2
Perfluoropentanoic acid (PFPeA)	EPA 537.1 M	ng/L	1.6 U	88	90	9.9	1.6 U	1.6 U	1.6 U	0.51	1.6	2
Perfluorohexanoic acid (PFHxA)	EPA 537.1 M	ng/L	1.6 U	75	78	6.6	1.6 U	1.6 U	1.6 U	0.52	1.6	2
Perfluoroheptanoic acid (PFHpA)	EPA 537.1 M	ng/L	1.6 U	40	41	3.1	1.6 U	1.6 U	1.6 U	0.5	1.6	2
Perfluorooctanoic acid (PFOA)	EPA 537.1 M	ng/L	1.6 U	39	40	2.5	1.6 U	1.6 U	1.6 U	0.71	1.6	2
Perfluorononanoic acid (PFNA)	EPA 537.1 M	ng/L	1.6 U	11	12	0.71 J	1.6 U	1.6 U	1.6 U	0.5	1.6	2
Perfluorodecanoic acid (PFDA)	EPA 537.1 M	ng/L	1.2 U	6.4	6.7	0.53 J	1.2 U	1.2 U	1.2 U	0.39	1.2	2
Perfluoroundecanoic acid (PFUnA)	EPA 537.1 M	ng/L	1.6 U	0.73 J	0.76 J	1.6 U	1.6 U	1.6 U	1.6 U	0.48	1.6	2
Perfluorododecanoic acid (PFDoA)	EPA 537.1 M	ng/L	1.6 U	0.66 J	0.76 J	1.6 U	1.6 U	1.6 U	1.6 U	0.59	1.6	2
Perfluorotridecanoic acid (PFTrDA)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.46	1.6	2
Perfluorotetradecanoic acid(PFTeDA)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.54	1.6	2
Perfluorobutanesulfonic acid (PFBS)	EPA 537.1 M	ng/L	1.6 U	15	15	0.86 J	1.6 U	1.6 U	1.6 U	0.65	1.6	2
Perfluoropentanesulfonic acid PFPeS	EPA 537.1 M	ng/L	1.6 U	18	19	1.4 J	1.6 U	1.6 U	1.6 U	0.64	1.6	2
Perfluorohexanesulfonic acid(PFHxS)	EPA 537.1 M	ng/L	1.2 U	120 (1)	120 (1)	5	1.2 U	1.2 U	1.2 U	3.7	12	20
Perfluoroheptanesulfonic acid PFHpS	EPA 537.1 M	ng/L	1.6 U	5	5	1.6 U	1.6 U	1.6 U	1.6 U	0.48	1.6	2
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1 M	ng/L	1.6 U	330 (1)	340 (1)	14	1.6 U	1.6 U	1.6 U	4.6	16	20
Perfluorononanesulfonic acid (PFNS)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.56	1.6	2
Perfluorodecanesulfonic acid (PFDS)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.69	1.6	2
Perfluorooctane Sulfonamide (PFOSA)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.55	1.6	4
MeFOSAA	EPA 537.1 M	ng/L	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	0.79	2.8	4
EtFOSAA	EPA 537.1 M	ng/L	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	0.97	2.8	4
4:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	1.9 J	2.5 J	1.6 U	1.6 U	1.6 U	1.6 U	0.44	1.6	4
6:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.2 U	110 (1)	110 (1)	5.3	1.2 U	1.2 U	1.2 U	3.7	12	40
8:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	20	22	0.89 J	1.6 U	1.6 U	1.6 U	0.48	1.6	4
Hexafluoropropyleneoxide dimer acid	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.51	1.6	4
4,8-Dioxa-3H-perfluorononanoic acid	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.49	1.6	4
9Cl-PF3ONS (F-53B Major)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.59	1.6	4
11Cl-PF3OUdS (F-53B Minor)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.41	1.6	4

Notes:

(1) Due to high concentration of the target analyte, a reduced sample volume was extracted and analyzed. Detection limit was adjusted accordingly (10x). Some results reference different lab limits due to dilution.

ng/L - nanograms per Liter or parts per trillion.

DL = Detection Limit

EFF = Effluent

FB= Field Blank

INF = Influent

J = Estimated result. Associated value may not be accurate or precise.

LOD = Limit of Detection

LOQ = Limit of Quantitation

SANGB = Stewart Air National Guard Base

U - Undetected. Compound was analyzed for, but not detected.

Sample SANG-FB-04222025 is a field blank.

Sample SANG-INF-04222025 D is a field duplicate of SANG-INF-04222025 .

Sample ports located in each of the 4 trains; A, B, C, D. such as: PBG1= post B train GAC unit 1.

PEAG1 = post E port B GAC Unit 1

PEAG2 = post E port B train GAC Unit 2

PEAR1 = post E port B Resin 1

Effluent (EFF) = Treated water that has passed through the ISWTS

Influent (INF) = Untreated water from Recreational Pond

ISWTS = Interim Storm Water Treatment System

C549019V1_04/29/2025

RESULTS OF ANALYSES OF WATER **VALIDATED DATA**

		Bureau Veritas ID	AQLN12	AQLN17	AQLN18	AQLN16	AQLN15	AQLN14	AQLN13			
		Sampling Date	2025/04/29 07:55	2025/04/29 08:20	2025/04/29 08:20	2025/04/29 08:15	2025/04/29 08:10	2025/04/29 08:05	2025/04/29 08:00			
		Sample ID	**SANG-FB-04292025**	**SANG-INF-04292025**	**SANG-INF-04292025D**	**SANG-PEBG1-04292025**	**SANG-PEBG2-04292025**	**SANG-PEBR1-04292025**	**SANG-EFF-04292025**	**DL**	**LOD**	**LOQ**
Perfluorinated Compounds	**Method**	**UNITS**										
Perfluorobutanoic acid (PFBA)	EPA 537.1 M	ng/L	1.6 U	15	15	6.4	0.82 J	1.6 U	1.6 U	0.8	1.8	2.3
Perfluoropentanoic acid (PFPeA)	EPA 537.1 M	ng/L	1.6 U	48	47	15	1.0 J	1.6 U	1.6 U	0.58	1.8	2.3
Perfluorohexanoic acid (PFHxA)	EPA 537.1 M	ng/L	1.6 U	44	43	11	0.54 J	1.6 U	1.6 U	0.59	1.8	2.3
Perfluoroheptanoic acid (PFHpA)	EPA 537.1 M	ng/L	1.6 U	22	21	4.7	1.6 U	1.6 U	1.6 U	0.57	1.8	2.3
Perfluorooctanoic acid (PFOA)	EPA 537.1 M	ng/L	1.6 U	22	22	3.9	1.6 U	1.6 U	1.6 U	0.81	1.8	2.3
Perfluorononanoic acid (PFNA)	EPA 537.1 M	ng/L	1.6 U	7.7	7.5	1.1 J	1.6 U	1.6 U	1.6 U	0.57	1.8	2.3
Perfluorodecanoic acid (PFDA)	EPA 537.1 M	ng/L	1.2 U	4.6	4.5	0.58 J	1.2 U	1.2 U	1.2 U	0.44	1.4	2.3
Perfluoroundecanoic acid (PFUnA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.55	1.8	2.3
Perfluorododecanoic acid (PFDoA)	EPA 537.1 M	ng/L	1.6 U	0.72 J	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.67	1.8	2.3
Perfluorotridecanoic acid (PFTrDA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.52	1.8	2.3
Perfluorotetradecanoic acid(PFTeDA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.61	1.8	2.3
Perfluorobutanesulfonic acid (PFBS)	EPA 537.1 M	ng/L	1.6 U	7.4	7.2	1.3 J	1.6 U	1.6 U	1.6 U	0.74	1.8	2.3
Perfluoropentanesulfonic acid PFPeS	EPA 537.1 M	ng/L	1.6 U	8.4	8.2	0.84 J	1.6 U	1.6 U	1.6 U	0.73	1.8	2.3
Perfluorohexanesulfonic acid(PFHxS)	EPA 537.1 M	ng/L	1.2 U	63	62	7.9	1.2 U	1.2 U	1.2 U	0.42	1.4	2.3
Perfluoroheptanesulfonic acid PFHpS	EPA 537.1 M	ng/L	1.6 U	2.3	2.3 J	1.6 U	1.6 U	1.6 U	1.6 U	0.55	1.8	2.3
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1 M	ng/L	1.6 U	190 (1)	190 (1)	22	0.50 J	1.6 U	1.6 U	4.6	16	20
Perfluorononanesulfonic acid (PFNS)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.64	1.8	2.3
Perfluorodecanesulfonic acid (PFDS)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.78	1.8	2.3
Perfluorooctane Sulfonamide (PFOSA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.63	1.8	4.5
MeFOSAA	EPA 537.1 M	ng/L	2.8 U	3.2 U	3.2 U	2.8 U	2.8 U	2.8 U	2.8 U	0.9	3.2	4.5
EtFOSAA	EPA 537.1 M	ng/L	2.8 U	3.2 U	3.2 U	2.8 U	2.8 U	2.8 U	2.8 U	1.1	3.2	4.5
4:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	0.87 J	0.86 J	1.6 U	1.6 U	1.6 U	1.6 U	0.5	1.8	4.5
6:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.2 U	53	53	8	1.2 U	1.2 U	1.2 U	0.42	1.4	4.5
8:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	13	12	1.3 J	1.6 U	1.6 U	1.6 U	0.55	1.8	4.5
Hexafluoropropyleneoxide dimer acid	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.58	1.8	4.5
4,8-Dioxa-3H-perfluorononanoic acid	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.56	1.8	4.5
9Cl-PF3ONS (F-53B Major)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.67	1.8	4.5
11Cl-PF3OUdS (F-53B Minor)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.47	1.8	4.5

Notes:

(1) Due to high concentration of the target analyte, a reduced sample volume was extracted and analyzed. Detection limit was adjusted accordingly (10x). Some results reference different lab limits due to dilution.

ng/L - nanograms per Liter or parts per trillion.

DL = Detection Limit

EFF = Effluent

FB= Field Blank

INF = Influent

J = Estimated result. Associated value may not be accurate or precise.

LOD = Limit of Detection

LOQ = Limit of Quantitation

SANGB = Stewart Air National Guard Base

U - Undetected. Compound was analyzed for, but not detected.

Sample SANG-FB-04292025 is a field blank.

Sample SANG-INF-04292025 D is a field duplicate of SANG-INF-04292025 .

Sample ports located in each of the 4 trains; A, B, C, D. such as: PBG1= post B train GAC unit 1.

PEBG1 = post E port B GAC Unit 1

PEBG2 = post E port B train GAC Unit 2

PEBR1 = post E port B Resin 1

Effluent (EFF) = Treated water that has passed through the ISWTS

Influent (INF) = Untreated water from Recreational Pond

ISWTS = Interim Storm Water Treatment System

C551309V1_05/06/2025

RESULTS OF ANALYSES OF WATER **VALIDATED DATA**

		Bureau Veritas ID	AQPU40	AQPU45	AQPU46	AQPU44	AQPU43	AQPU42	AQPU41			
		Sampling Date	2025/05/06 07:55	2025/05/06 08:20	2025/05/06 08:20	2025/05/06 08:15	2025/05/06 08:10	2025/05/06 08:05	2025/05/06 08:00			
		Sample ID	**SANG- FB-05062025**	**SANG-INF-05062025**	**SANG-INF-05062025D**	**SANG-PECG1-05062025**	**SANG-PECG2-05062025**	**SANG-PECR1-05062025**	**SANG-EFF-05062025**	**DL**	**LOD**	**LOQ**
Perfluorinated Compounds	**Method**	**UNITS**										
Perfluorobutanoic acid (PFBA)	EPA 537.1 M	ng/L	1.6 U	12	12	6.7	3	1.8 U	1.8 U	0.78	1.8	2.2
Perfluoropentanoic acid (PFPeA)	EPA 537.1 M	ng/L	1.6 U	40	39	18	6.3	1.8 U	1.8 U	0.57	1.8	2.2
Perfluorohexanoic acid (PFHxA)	EPA 537.1 M	ng/L	1.6 U	29	28	13	4.3	1.8 U	1.8 U	0.58	1.8	2.2
Perfluoroheptanoic acid (PFHpA)	EPA 537.1 M	ng/L	1.6 U	19	19	7.4	2.2	1.8 U	1.8 U	0.56	1.8	2.2
Perfluorooctanoic acid (PFOA)	EPA 537.1 M	ng/L	1.6 U	18	18	6.2	1.8 J	1.8 U	1.8 U	0.79	1.8	2.2
Perfluorononanoic acid (PFNA)	EPA 537.1 M	ng/L	1.6 U	7	7.1	1.8 J	1.8 U	1.8 U	1.8 U	0.56	1.8	2.2
Perfluorodecanoic acid (PFDA)	EPA 537.1 M	ng/L	1.2 U	3.1	3	0.83 J	1.3 U	1.3 U	1.3 U	0.43	1.3	2.2
Perfluoroundecanoic acid (PFUnA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.53	1.8	2.2
Perfluorododecanoic acid (PFDoA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.66	1.8	2.2
Perfluorotridecanoic acid (PFTrDA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.51	1.8	2.2
Perfluorotetradecanoic acid(PFTeDA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.6	1.8	2.2
Perfluorobutanesulfonic acid (PFBS)	EPA 537.1 M	ng/L	1.6 U	5.7	5.6	2.0 J	1.8 U	1.8 U	1.8 U	0.72	1.8	2.2
Perfluoropentanesulfonic acid PFPeS	EPA 537.1 M	ng/L	1.6 U	6.2	6.4	1.9 J	1.8 U	1.8 U	1.8 U	0.71	1.8	2.2
Perfluorohexanesulfonic acid(PFHxS)	EPA 537.1 M	ng/L	1.2 U	63	61	18	5	1.3 U	1.3 U	0.41	1.3	2.2
Perfluoroheptanesulfonic acid PFHpS	EPA 537.1 M	ng/L	1.6 U	1.7 J	1.9 J	1.8 U	1.8 U	1.8 U	1.8 U	0.53	1.8	2.2
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1 M	ng/L	1.6 U	190 (1)	190 (1)	51	13	1.8 U	1.8 U	4.6	16	20
Perfluorononanesulfonic acid (PFNS)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.62	1.8	2.2
Perfluorodecanesulfonic acid (PFDS)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.77	1.8	2.2
Perfluorooctane Sulfonamide (PFOSA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.61	1.8	4.4
MeFOSAA	EPA 537.1 M	ng/L	2.8 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	0.88	3.1	4.4
EtFOSAA	EPA 537.1 M	ng/L	2.8 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	1.1	3.1	4.4
4:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.49	1.8	4.4
6:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.2 U	23	23	7.2	2.1 J	1.3 U	1.3 U	0.41	1.3	4.4
8:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	8.2	7.5	2.0 J	0.56 J	1.8 U	1.8 U	0.53	1.8	4.4
Hexafluoropropyleneoxide dimer acid	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.57	1.8	4.4
4,8-Dioxa-3H-perfluorononanoic acid	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.54	1.8	4.4
9Cl-PF3ONS (F-53B Major)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.66	1.8	4.4
11Cl-PF3OUdS (F-53B Minor)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.46	1.8	4.4

Notes:

(1) Due to high concentration of the target analyte, a reduced sample volume was extracted and analyzed. Detection limit was adjusted accordingly (10x). Some results reference different lab limits due to dilution.

ng/L - nanograms per Liter or parts per trillion.

DL = Detection Limit

EFF = Effluent

FB= Field Blank

INF = Influent

J = Estimated result. Associated value may not be accurate or precise.

LOD = Limit of Detection

LOQ = Limit of Quantitation

SANGB = Stewart Air National Guard Base

U - Undetected. Compound was analyzed for, but not detected.

Sample SANG-FB-05062025 is a field blank.

Sample SANG-INF-05062025 D is a field duplicate of SANG-INF-05062025 .

Sample ports located in each of the 4 trains; A, B, C, D. such as: PBG1= post B train GAC unit 1.

PECG1 = post E port B GAC Unit 1

PECG2 = post E port B train GAC Unit 2

PECR1 = post E port B Resin 1

Effluent (EFF) = Treated water that has passed through the ISWTS

Influent (INF) = Untreated water from Recreational Pond

ISWTS = Interim Storm Water Treatment System

C554758V1_05/13/2025

RESULTS OF ANALYSES OF WATER **VALIDATED DATA**

		Bureau Veritas ID	AQVY88	AQVY94	AQVY95	AQVY93	AQVY92	AQVY91	AQVY89			
		Sampling Date	2025/05/13 08:55	2025/05/13 09:20	2025/05/13 09:20	2025/05/13 09:13	2025/05/13 09:10	2025/05/13 09:05	2025/05/13 09:00			
		Sample ID	**SANG-FB-05132025**	**SANG-INF-05132025**	**SANG-INF-05132025D**	**SANG-PEDG1-05132025**	**SANG-PEDG2-05132025**	**SANG-PEDR1-05132025**	**SANG-EFF-05132025**	**DL**	**LOD**	**LOQ**
Perfluorinated Compounds	**Method**	**UNITS**										
Perfluorobutanoic acid (PFBA)	EPA 537.1 M	ng/L	1.8 U	22	21	13	4.4	1.8 U	1.8 U	0.78	1.8	2.2
Perfluoropentanoic acid (PFPeA)	EPA 537.1 M	ng/L	1.8 U	67	62	32	6.7	1.8 U	1.8 U	0.57	1.8	2.2
Perfluorohexanoic acid (PFHxA)	EPA 537.1 M	ng/L	1.8 U	51	50	22	3.4	1.8 U	1.8 U	0.58	1.8	2.2
Perfluoroheptanoic acid (PFHpA)	EPA 537.1 M	ng/L	1.8 U	33	31	12	1.5 J	1.8 U	1.8 U	0.56	1.8	2.2
Perfluorooctanoic acid (PFOA)	EPA 537.1 M	ng/L	1.8 U	33	31	11	1.3 J	1.8 U	1.8 U	0.79	1.8	2.2
Perfluorononanoic acid (PFNA)	EPA 537.1 M	ng/L	1.8 U	12	11	3.5	1.8 U	1.8 U	1.8 U	0.56	1.8	2.2
Perfluorodecanoic acid (PFDA)	EPA 537.1 M	ng/L	1.3 U	4.5	4.4	1.3 J	1.3 U	1.3 U	1.3 U	0.43	1.3	2.2
Perfluoroundecanoic acid (PFUnA)	EPA 537.1 M	ng/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.53	1.8	2.2
Perfluorododecanoic acid (PFDoA)	EPA 537.1 M	ng/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.66	1.8	2.2
Perfluorotridecanoic acid (PFTrDA)	EPA 537.1 M	ng/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.51	1.8	2.2
Perfluorotetradecanoic acid(PFTeDA)	EPA 537.1 M	ng/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.6	1.8	2.2
Perfluorobutanesulfonic acid (PFBS)	EPA 537.1 M	ng/L	1.8 U	9.6	9.2	3.2	1.8 U	1.8 U	1.8 U	0.72	1.8	2.2
Perfluoropentanesulfonic acid PFPeS	EPA 537.1 M	ng/L	1.8 U	13	11	2.9	1.8 U	1.8 U	1.8 U	0.71	1.8	2.2
Perfluorohexanesulfonic acid(PFHxS)	EPA 537.1 M	ng/L	1.3 U	88	87	25	1.9 J	1.3 U	1.3 U	0.41	1.3	2.2
Perfluoroheptanesulfonic acid PFHpS	EPA 537.1 M	ng/L	1.8 U	3.9	3.6	1.0 J	1.8 U	1.8 U	1.8 U	0.53	1.8	2.2
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1 M	ng/L	1.8 U	320 (1)	290 (1)	81	5.7	1.8 U	1.8 U	4.6	16	20
Perfluorononanesulfonic acid (PFNS)	EPA 537.1 M	ng/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.62	1.8	2.2
Perfluorodecanesulfonic acid (PFDS)	EPA 537.1 M	ng/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.77	1.8	2.2
Perfluorooctane Sulfonamide (PFOSA)	EPA 537.1 M	ng/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.61	1.8	4.4
MeFOSAA	EPA 537.1 M	ng/L	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	0.88	3.1	4.4
EtFOSAA	EPA 537.1 M	ng/L	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	1.1	3.1	4.4
4:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.8 U	0.78 J	0.71 J	1.8 U	1.8 U	1.8 U	1.8 U	0.49	1.8	4.4
6:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.3 U	80	71	20	1.6 J	1.3 U	1.3 U	0.41	1.3	4.4
8:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.8 U	23	22	3.8 J	1.8 U	1.8 U	1.8 U	0.53	1.8	4.4
Hexafluoropropyleneoxide dimer acid	EPA 537.1 M	ng/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.57	1.8	4.4
4,8-Dioxa-3H-perfluorononanoic acid	EPA 537.1 M	ng/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.54	1.8	4.4
9Cl-PF3ONS (F-53B Major)	EPA 537.1 M	ng/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.66	1.8	4.4
11Cl-PF3OUdS (F-53B Minor)	EPA 537.1 M	ng/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.46	1.8	4.4

Notes:

(1) Due to high concentration of the target analyte, a reduced sample volume was extracted and analyzed. Detection limit was adjusted accordingly (10x). Some results reference different lab limits due to dilution.

ng/L - nanograms per Liter or parts per trillion.

DL = Detection Limit

EFF = Effluent

FB= Field Blank

INF = Influent

J = Estimated result. Associated value may not be accurate or precise.

LOD = Limit of Detection

LOQ = Limit of Quantitation

SANGB = Stewart Air National Guard Base

U - Undetected. Compound was analyzed for, but not detected.

Sample SANG-FB-05132025 is a field blank.

Sample SANG-INF-05132025 D is a field duplicate of SANG-INF-05132025 .

Sample ports located in each of the 4 trains; A, B, C, D. such as: PBG1= post B train GAC unit 1.

PEDG1 = post E port B GAC Unit 1

PEDG2 = post E port B train GAC Unit 2

PEDR1 = post E port B Resin 1

Effluent (EFF) = Treated water that has passed through the ISWTS

Influent (INF) = Untreated water from Recreational Pond

ISWTS = Interim Storm Water Treatment System

C557694V1_05/20/2025

RESULTS OF ANALYSES OF WATER **VALIDATED DATA**

		Bureau Veritas ID	ARBE56	ARBE61	ARBE62	ARBE60	ARBE59	ARBE58	ARBE57			
		Sampling Date	2025/05/20 11:30	2025/05/20 11:48	2025/05/20 11:48	2025/05/20 11:45	2025/05/20 11:42	2025/05/20 11:39	2025/05/20 11:33			
		Sample ID	**SANG-FB-05202025**	**SANG-INF-05202025**	**SANG-INF-05202025D**	**SANG-PEAG1-05202025**	**SANG-PEAG2-05202025**	**SANG-PEAR1-05202025**	**SANG-EFF-05202025**	**DL**	**LOD**	**LOQ**
Perfluorinated Compounds	**Method**	**UNITS**										
Perfluorobutanoic acid (PFBA)	EPA 537.1 M	ng/L	1.6 U	23	24	19	9.6	1.7 U	1.7 U	0.73	1.7	2.1
Perfluoropentanoic acid (PFPeA)	EPA 537.1 M	ng/L	1.6 U	71	71	47	18	1.7 U	1.7 U	0.53	1.7	2.1
Perfluorohexanoic acid (PFHxA)	EPA 537.1 M	ng/L	1.6 U	57	58	33	9.4	1.7 U	1.7 U	0.54	1.7	2.1
Perfluoroheptanoic acid (PFHpA)	EPA 537.1 M	ng/L	1.6 U	29	29	15	3.3	1.7 U	1.7 U	0.52	1.7	2.1
Perfluorooctanoic acid (PFOA)	EPA 537.1 M	ng/L	1.6 U	28	28	14	2.7	1.7 U	1.7 U	0.74	1.7	2.1
Perfluorononanoic acid (PFNA)	EPA 537.1 M	ng/L	1.6 U	9.3	9	4.1	0.88 J	1.7 U	1.7 U	0.52	1.7	2.1
Perfluorodecanoic acid (PFDA)	EPA 537.1 M	ng/L	1.2 U	5.2	5.2	2.2	1.2 U	1.2 U	1.2 U	0.41	1.2	2.1
Perfluoroundecanoic acid (PFUnA)	EPA 537.1 M	ng/L	1.6 U	0.51 J	0.53 J	1.7 U	1.7 U	1.7 U	1.7 U	0.5	1.7	2.1
Perfluorododecanoic acid (PFDoA)	EPA 537.1 M	ng/L	1.6 U	0.82 J	0.70 J	1.7 U	1.7 U	1.7 U	1.7 U	0.61	1.7	2.1
Perfluorotridecanoic acid (PFTrDA)	EPA 537.1 M	ng/L	1.6 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	0.48	1.7	2.1
Perfluorotetradecanoic acid(PFTeDA)	EPA 537.1 M	ng/L	1.6 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	0.56	1.7	2.1
Perfluorobutanesulfonic acid (PFBS)	EPA 537.1 M	ng/L	1.6 U	9.9	10	4.5	0.84 J	1.7 U	1.7 U	0.68	1.7	2.1
Perfluoropentanesulfonic acid PFPeS	EPA 537.1 M	ng/L	1.6 U	12	11	3.8	1.7 U	1.7 U	1.7 U	0.67	1.7	2.1
Perfluorohexanesulfonic acid(PFHxS)	EPA 537.1 M	ng/L	1.2 U	76	79	30	3.9	1.2 U	1.2 U	0.39	1.2	2.1
Perfluoroheptanesulfonic acid PFHpS	EPA 537.1 M	ng/L	1.6 U	3.1	3.4	1.3 J	1.7 U	1.7 U	1.7 U	0.5	1.7	2.1
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1 M	ng/L	1.6 U	290 (1)	280 (1)	95 (1)	13	1.7 U	1.7 U	4.6	16	20
Perfluorononanesulfonic acid (PFNS)	EPA 537.1 M	ng/L	1.6 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	0.58	1.7	2.1
Perfluorodecanesulfonic acid (PFDS)	EPA 537.1 M	ng/L	1.6 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	0.72	1.7	2.1
Perfluorooctane Sulfonamide (PFOSA)	EPA 537.1 M	ng/L	1.6 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	0.57	1.7	4.2
MeFOSAA	EPA 537.1 M	ng/L	2.8 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	0.82	2.9	4.2
EtFOSAA	EPA 537.1 M	ng/L	2.8 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	1	2.9	4.2
4:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	1.3 J	1.4 J	1.7 U	1.7 U	1.7 U	1.7 U	0.46	1.7	4.2
6:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.2 U	66	62	24	4.1 J	1.3 U	1.3 U	0.39	1.3	4.2
8:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	9	8.6	3.4 J	1.7 U	1.7 U	1.7 U	0.5	1.7	4.2
Hexafluoropropyleneoxide dimer acid	EPA 537.1 M	ng/L	1.6 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	0.53	1.7	4.2
4,8-Dioxa-3H-perfluorononanoic acid	EPA 537.1 M	ng/L	1.6 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	0.51	1.7	4.2
9Cl-PF3ONS (F-53B Major)	EPA 537.1 M	ng/L	1.6 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	0.61	1.7	4.2
11Cl-PF3OUdS (F-53B Minor)	EPA 537.1 M	ng/L	1.6 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	0.43	1.7	4.2

Notes:

(1) Due to high concentration of the target analyte, a reduced sample volume was extracted and analyzed. Detection limit was adjusted accordingly (10x). Some results reference different lab limits due to dilution.

ng/L - nanograms per Liter or parts per trillion.

DL = Detection Limit

EFF = Effluent

FB= Field Blank

INF = Influent

J = Estimated result. Associated value may not be accurate or precise.

LOD = Limit of Detection

LOQ = Limit of Quantitation

SANGB = Stewart Air National Guard Base

U - Undetected. Compound was analyzed for, but not detected.

Sample SANG-FB-05202025 is a field blank.

Sample SANG-INF-05202025 D is a field duplicate of SANG-INF-05202025 .

Sample ports located in each of the 4 trains; A, B, C, D. such as: PBG1= post B train GAC unit 1.

PEAG1 = post E port B GAC Unit 1

PEAG2 = post E port B train GAC Unit 2

PEAR1 = post E port B Resin 1

Effluent (EFF) = Treated water that has passed through the ISWTS

Influent (INF) = Untreated water from Recreational Pond

ISWTS = Interim Storm Water Treatment System

C561355V1_05/27/2025

RESULTS OF ANALYSES OF WATER **VALIDATED DATA**

		Bureau Veritas ID	ARHM32	ARHM37	ARHM38	ARHM36	ARHM35	ARHM34	ARHM33			
		Sampling Date	2025/05/27 08:45	2025/05/27 09:25	2025/05/27 09:25	2025/05/27 09:15	2025/05/27 09:07	2025/05/27 09:00	2025/05/27 08:50			
		Sample ID	**SANG-FB-05272025**	**SANG-INF-05272025**	**SANG-INF-05272025D**	**SANG-PEBG1-05272025**	**SANG-PEBG2-05272025**	**SANG-PEBR1-05272025**	**SANG-EFF-05272025**	**DL**	**LOD**	**LOQ**
Perfluorinated Compounds	**Method**	**UNITS**										
Perfluorobutanoic acid (PFBA)	EPA 537.1 M	ng/L	1.6 U	23	22	21	16	1.6 U	1.6 U	0.8	1.8	2.3
Perfluoropentanoic acid (PFPeA)	EPA 537.1 M	ng/L	1.6 U	74	73	58	40	1.6 U	1.6 U	0.58	1.8	2.3
Perfluorohexanoic acid (PFHxA)	EPA 537.1 M	ng/L	1.6 U	58	59	44	27	1.6 U	1.6 U	0.59	1.8	2.3
Perfluoroheptanoic acid (PFHpA)	EPA 537.1 M	ng/L	1.6 U	29	29	20	11	1.6 U	1.6 U	0.57	1.8	2.3
Perfluorooctanoic acid (PFOA)	EPA 537.1 M	ng/L	1.6 U	28	29	18	9.6	1.6 U	1.6 U	0.81	1.8	2.3
Perfluorononanoic acid (PFNA)	EPA 537.1 M	ng/L	1.6 U	8.2	8.5	5	2.4	1.6 U	1.6 U	0.57	1.8	2.3
Perfluorodecanoic acid (PFDA)	EPA 537.1 M	ng/L	1.2 U	6.1	6	3.7	1.8 J	1.2 U	1.2 U	0.44	1.4	2.3
Perfluoroundecanoic acid (PFUnA)	EPA 537.1 M	ng/L	1.6 U	0.81 J	0.89 J	1.6 U	1.6 U	1.6 U	1.6 U	0.55	1.8	2.3
Perfluorododecanoic acid (PFDoA)	EPA 537.1 M	ng/L	1.6 U	0.81 J	0.78 J	1.6 U	1.6 U	1.6 U	1.6 U	0.67	1.8	2.3
Perfluorotridecanoic acid (PFTrDA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.52	1.8	2.3
Perfluorotetradecanoic acid(PFTeDA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.61	1.8	2.3
Perfluorobutanesulfonic acid (PFBS)	EPA 537.1 M	ng/L	1.6 U	12	11	6.8	4	1.6 U	1.6 U	0.74	1.8	2.3
Perfluoropentanesulfonic acid PFPeS	EPA 537.1 M	ng/L	1.6 U	12	12	6.6	3.2	1.6 U	1.6 U	0.73	1.8	2.3
Perfluorohexanesulfonic acid(PFHxS)	EPA 537.1 M	ng/L	1.2 U	76	79	46	21	1.2 U	1.2 U	0.42	1.4	2.3
Perfluoroheptanesulfonic acid PFHpS	EPA 537.1 M	ng/L	1.6 U	4	4	2.4	1.3 J	1.6 U	1.6 U	0.55	1.8	2.3
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1 M	ng/L	1.6 U	240 (1)	240 (1)	140 (1)	60	1.6 U	1.6 U	4.6	16	20
Perfluorononanesulfonic acid (PFNS)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.64	1.8	2.3
Perfluorodecanesulfonic acid (PFDS)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.78	1.8	2.3
Perfluorooctane Sulfonamide (PFOSA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.63	1.8	4.5
MeFOSAA	EPA 537.1 M	ng/L	2.8 U	3.2 U	3.2 U	2.8 U	2.8 U	2.8 U	2.8 U	0.9	3.2	4.5
EtFOSAA	EPA 537.1 M	ng/L	2.8 U	3.2 U	3.2 U	2.8 U	2.8 U	2.8 U	2.8 U	1.1	3.2	4.5
4:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.4 J	0.83 J	0.52 J	1.6 U	1.6 U	0.5	1.8	4.5
6:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.2 U	84	87	46	21	1.2 U	1.2 U	0.42	1.4	4.5
8:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	15	14	6.1	2.6 J	1.6 U	1.6 U	0.55	1.8	4.5
Hexafluoropropyleneoxide dimer acid	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.58	1.8	4.5
4,8-Dioxa-3H-perfluorononanoic acid	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.56	1.8	4.5
9Cl-PF3ONS (F-53B Major)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.67	1.8	4.5
11Cl-PF3OUdS (F-53B Minor)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.47	1.8	4.5

Notes:

(1) Due to high concentration of the target analyte, a reduced sample volume was extracted and analyzed. Detection limit was adjusted accordingly (10x). Some results reference different lab limits due to dilution.

ng/L - nanograms per Liter or parts per trillion.

DL = Detection Limit

EFF = Effluent

FB= Field Blank

INF = Influent

J = Estimated result. Associated value may not be accurate or precise.

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LOQ = Limit of Quantitation

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Sample SANG-FB-05272025 is a field blank.

Sample SANG-INF-05272025 D is a field duplicate of SANG-INF-05272025 .

Sample ports located in each of the 4 trains; A, B, C, D. such as: PBG1= post B train GAC unit 1.

PEBG1 = post E port B GAC Unit 1

PEBG2 = post E port B train GAC Unit 2

PEBR1 = post E port B Resin 1

Effluent (EFF) = Treated water that has passed through the ISWTS

Influent (INF) = Untreated water from Recreational Pond

ISWTS = Interim Storm Water Treatment System

C565651V1_06/03/2025

RESULTS OF ANALYSES OF WATER **VALIDATED DATA**

		Bureau Veritas ID	ARPS78	ARPS83	ARPS84	ARPS82	ARPS81	ARPS80	ARPS79			
		Sampling Date	2025/06/03 08:55	2025/06/03 09:20	2025/06/03 09:20	2025/06/03 09:15	2025/06/03 09:10	2025/06/03 09:05	2025/06/03 09:00			
		Sample ID	**SANG-FB-06032025**	**SANG-INF-06032025**	**SANG-INF-06032025D**	**SANG-PECG1-06032025**	**SANG-PECG2-06032025**	**SANG-PECR1-06032025**	**SANG-EFF-06032025**	**DL**	**LOD**	**LOQ**
Perfluorinated Compounds	**Method**	**UNITS**										
Perfluorobutanoic acid (PFBA)	EPA 537.1 M	ng/L	1.6 U	21	18	18	13	1.6 U	1.6 U	0.8	1.8	2.3
Perfluoropentanoic acid (PFPeA)	EPA 537.1 M	ng/L	1.6 U	68	61	49	25	1.6 U	1.6 U	0.58	1.8	2.3
Perfluorohexanoic acid (PFHxA)	EPA 537.1 M	ng/L	1.6 U	54	47	34	14	1.6 U	1.6 U	0.59	1.8	2.3
Perfluoroheptanoic acid (PFHpA)	EPA 537.1 M	ng/L	1.6 U	33	29	17	6.1	1.6 U	1.6 U	0.57	1.8	2.3
Perfluorooctanoic acid (PFOA)	EPA 537.1 M	ng/L	1.6 U	31	28	16	4.9	1.6 U	1.6 U	0.81	1.8	2.3
Perfluorononanoic acid (PFNA)	EPA 537.1 M	ng/L	1.6 U	11	9.8	5.1	1.5 J	1.6 U	1.6 U	0.57	1.8	2.3
Perfluorodecanoic acid (PFDA)	EPA 537.1 M	ng/L	1.2 U	5.1	4.8	2	0.74 J	1.2 U	1.2 U	0.44	1.4	2.3
Perfluoroundecanoic acid (PFUnA)	EPA 537.1 M	ng/L	1.6 U	0.58 J	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.55	1.8	2.3
Perfluorododecanoic acid (PFDoA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.67	1.8	2.3
Perfluorotridecanoic acid (PFTrDA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.52	1.8	2.3
Perfluorotetradecanoic acid(PFTeDA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.61	1.8	2.3
Perfluorobutanesulfonic acid (PFBS)	EPA 537.1 M	ng/L	1.6 U	10	8.7	5.2	1.7 J	1.6 U	1.6 U	0.74	1.8	2.3
Perfluoropentanesulfonic acid PFPeS	EPA 537.1 M	ng/L	1.6 U	12	10	5	1.3 J	1.6 U	1.6 U	0.73	1.8	2.3
Perfluorohexanesulfonic acid(PFHxS)	EPA 537.1 M	ng/L	1.2 U	87	80	38	9	1.2 U	1.2 U	0.42	1.4	2.3
Perfluoroheptanesulfonic acid PFHpS	EPA 537.1 M	ng/L	1.6 U	4.5	3.8	1.9 J	0.82 J	1.6 U	1.6 U	0.55	1.8	2.3
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1 M	ng/L	1.6 U	290 (1)	290 (1)	120 (1)	28	1.6 U	1.6 U	4.6	16	20
Perfluorononanesulfonic acid (PFNS)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.64	1.8	2.3
Perfluorodecanesulfonic acid (PFDS)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.78	1.8	2.3
Perfluorooctane Sulfonamide (PFOSA)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.63	1.8	4.5
MeFOSAA	EPA 537.1 M	ng/L	2.8 U	3.2 U	3.2 U	2.8 U	2.8 U	2.8 U	2.8 U	0.9	3.2	4.5
EtFOSAA	EPA 537.1 M	ng/L	2.8 U	3.2 U	3.2 U	2.8 U	2.8 U	2.8 U	2.8 U	1.1	3.2	4.5
4:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	1.1 J	1.0 J	1.6 U	1.6 U	1.6 U	1.6 U	0.5	1.8	4.5
6:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.2 U	80	68	27	6.7	1.2 U	1.2 U	0.42	1.4	4.5
8:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	20	18	4.6	1.2 J	1.6 U	1.6 U	0.55	1.8	4.5
Hexafluoropropyleneoxide dimer acid	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.58	1.8	4.5
4,8-Dioxa-3H-perfluorononanoic acid	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.56	1.8	4.5
9Cl-PF3ONS (F-53B Major)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.67	1.8	4.5
11Cl-PF3OUdS (F-53B Minor)	EPA 537.1 M	ng/L	1.6 U	1.8 U	1.8 U	1.6 U	1.6 U	1.6 U	1.6 U	0.47	1.8	4.5

Notes:

(1) Due to high concentration of the target analyte, a reduced sample volume was extracted and analyzed. Detection limit was adjusted accordingly (10x). Some results reference different lab limits due to dilution.

ng/L - nanograms per Liter or parts per trillion.

DL = Detection Limit

EFF = Effluent

FB= Field Blank

INF = Influent

J = Estimated result. Associated value may not be accurate or precise.

LOD = Limit of Detection

LOQ = Limit of Quantitation

SANGB = Stewart Air National Guard Base

U - Undetected. Compound was analyzed for, but not detected.

Sample SANG-FB-06032025 is a field blank.

Sample SANG-INF-06032025 D is a field duplicate of SANG-INF-06032025 .

Sample ports located in each of the 4 trains; A, B, C, D. such as: PBG1= post B train GAC unit 1.

PECG1 = post E port B GAC Unit 1

PECG2 = post E port B train GAC Unit 2

PECR1 = post E port B Resin 1

Effluent (EFF) = Treated water that has passed through the ISWTS

Influent (INF) = Untreated water from Recreational Pond

ISWTS = Interim Storm Water Treatment System

C568506V1_06/10/2025

RESULTS OF ANALYSES OF WATER **VALIDATED DATA**

		Bureau Veritas ID	ARVB92	ARVB97	ARVB98	ARVB96	ARVB95	ARVB94	ARVB93			
		Sampling Date	2025/06/10 09:00	2025/06/10 09:25	2025/06/10 09:25	2025/06/10 09:20	2025/06/10 09:15	2025/06/10 09:00	2025/06/10 09:05			
		Sample ID	**SANG-FB-06102025**	**SANG-INF-06102025**	**SANG-INF-06102025D**	**SANG-PEDG1-06102025**	**SANG-PEDG2-06102025**	**SANG-PEDR1-06102025**	**SANG-EFF-06102025**	**DL**	**LOD**	**LOQ**
Perfluorinated Compounds	**Method**	**UNITS**										
Perfluorobutanoic acid (PFBA)	EPA 537.1 M	ng/L	1.8 U	16	16	15	12	1.8 U	1.8 U	0.78	1.8	2.2
Perfluoropentanoic acid (PFPeA)	EPA 537.1 M	ng/L	1.8 U	58	57	44	28	1.8 U	1.8 U	0.57	1.8	2.2
Perfluorohexanoic acid (PFHxA)	EPA 537.1 M	ng/L	1.8 U	46	46	32	16	1.8 U	1.8 U	0.58	1.8	2.2
Perfluoroheptanoic acid (PFHpA)	EPA 537.1 M	ng/L	1.8 U	24	24	14	6.6	1.8 U	1.8 U	0.56	1.8	2.2
Perfluorooctanoic acid (PFOA)	EPA 537.1 M	ng/L	1.8 U	24	23	14	5.3	1.8 U	1.8 U	0.79	1.8	2.2
Perfluorononanoic acid (PFNA)	EPA 537.1 M	ng/L	1.8 U	7.6	8	4.5	1.6 J	1.8 U	1.8 U	0.56	1.8	2.2
Perfluorodecanoic acid (PFDA)	EPA 537.1 M	ng/L	1.3 U	5.1	5.1	2.7	0.97 J	1.3 U	1.3 U	0.43	1.3	2.2
Perfluoroundecanoic acid (PFUnA)	EPA 537.1 M	ng/L	1.8 U	0.95 J	1.1 J	0.67 J	1.8 U	1.8 U	1.8 U	0.53	1.8	2.2
Perfluorododecanoic acid (PFDoA)	EPA 537.1 M	ng/L	1.8 U	1.2 J	1.1 J	1.8 U	1.8 U	1.8 U	1.8 U	0.66	1.8	2.2
Perfluorotridecanoic acid (PFTrDA)	EPA 537.1 M	ng/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.51	1.8	2.2
Perfluorotetradecanoic acid(PFTeDA)	EPA 537.1 M	ng/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.6	1.8	2.2
Perfluorobutanesulfonic acid (PFBS)	EPA 537.1 M	ng/L	1.8 U	7.7	7.9	4.9	2.0 J	1.8 U	1.8 U	0.72	1.8	2.2
Perfluoropentanesulfonic acid PFPeS	EPA 537.1 M	ng/L	1.8 U	12	13	5.9	2.0 J	1.8 U	1.8 U	0.71	1.8	2.2
Perfluorohexanesulfonic acid(PFHxS)	EPA 537.1 M	ng/L	1.3 U	60	61	30	9.9	1.3 U	1.3 U	0.41	1.3	2.2
Perfluoroheptanesulfonic acid PFHpS	EPA 537.1 M	ng/L	1.8 U	2.9	2.8	1.4 J	0.58 J	1.8 U	1.8 U	0.53	1.8	2.2
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1 M	ng/L	1.8 U	210 (1)	210 (1)	110	28	1.8 U	1.8 U	4.6	16	20
Perfluorononanesulfonic acid (PFNS)	EPA 537.1 M	ng/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.62	1.8	2.2
Perfluorodecanesulfonic acid (PFDS)	EPA 537.1 M	ng/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.77	1.8	2.2
Perfluorooctane Sulfonamide (PFOSA)	EPA 537.1 M	ng/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.61	1.8	4.4
MeFOSAA	EPA 537.1 M	ng/L	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	0.88	3.1	4.4
EtFOSAA	EPA 537.1 M	ng/L	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	1.1	3.1	4.4
4:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.8 U	0.83 J (2)	0.88 J (2)	0.49 J	1.8 U	1.8 U	1.8 U	0.49	1.8	4.4
6:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.3 U	63	59	28	9	1.3 U	1.3 U	0.41	1.3	4.4
8:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.8 U	17	17	7.4	1.6 J	1.8 U	1.8 U	0.53	1.8	4.4
Hexafluoropropyleneoxide dimer acid	EPA 537.1 M	ng/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.57	1.8	4.4
4,8-Dioxa-3H-perfluorononanoic acid	EPA 537.1 M	ng/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.54	1.8	4.4
9Cl-PF3ONS (F-53B Major)	EPA 537.1 M	ng/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.66	1.8	4.4
11Cl-PF3OUdS (F-53B Minor)	EPA 537.1 M	ng/L	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0.46	1.8	4.4

Notes:

(1) Due to high concentration of the target analyte, a reduced sample volume was extracted and analyzed. Detection limit was adjusted accordingly (10x). Some results reference different lab limits due to dilution.

(2) Result is estimated as analyte confirmation criterion (ion ratio) was not met.

ng/L - nanograms per Liter or parts per trillion.

DL = Detection Limit

EFF = Effluent

FB= Field Blank

INF = Influent

J = Estimated result. Associated value may not be accurate or precise.

LOD = Limit of Detection

LOQ = Limit of Quantitation

SANGB = Stewart Air National Guard Base

U - Undetected. Compound was analyzed for, but not detected.

Sample SANG-FB-06102025 is a field blank.

Sample SANG-INF-06102025 D is a field duplicate of SANG-INF-06102025 .

Sample ports located in each of the 4 trains; A, B, C, D. such as: PBG1= post B train GAC unit 1.

PEDG1 = post E port B GAC Unit 1

PEDG2 = post E port B train GAC Unit 2

PEDR1 = post E port B Resin 1

Effluent (EFF) = Treated water that has passed through the ISWTS

Influent (INF) = Untreated water from Recreational Pond

ISWTS = Interim Storm Water Treatment System

C572242V1_06/17/2025

RESULTS OF ANALYSES OF WATER **VALIDATED DATA**

		Bureau Veritas ID	ASBQ78	ASBQ83	ASBQ84	ASBQ82	ASBQ81	ASBQ80	ASBQ79			
		Sampling Date	2025/06/17 07:55	2025/06/17 08:20	2025/06/17 08:20	2025/06/17 08:15	2025/06/17 08:10	2025/06/17 08:05	2025/06/17 08:00			
		Sample ID	**SANG-FB-06172025**	**SANG-INF-06172025**	**SANG-INF-06172025D**	**SANG-PEAG1-06172025**	**SANG-PEAG2-06172025**	**SANG-PEAR1-06172025**	**SANG-EFF-06172025**	**DL**	**LOD**	**LOQ**
Perfluorinated Compounds	**Method**	**UNITS**										
Perfluorobutanoic acid (PFBA)	EPA 537.1 M	ng/L	1.6 U	14	13	15	14	1.6 U	1.6 U	0.7	1.6	2
Perfluoropentanoic acid (PFPeA)	EPA 537.1 M	ng/L	1.6 U	45	43	41	31	1.6 U	1.6 U	0.51	1.6	2
Perfluorohexanoic acid (PFHxA)	EPA 537.1 M	ng/L	1.6 U	37	35	29	19	1.6 U	1.6 U	0.52	1.6	2
Perfluoroheptanoic acid (PFHpA)	EPA 537.1 M	ng/L	1.6 U	20	19	14	6.9	1.6 U	1.6 U	0.5	1.6	2
Perfluorooctanoic acid (PFOA)	EPA 537.1 M	ng/L	1.6 U	19	18	11	4.9	1.6 U	1.6 U	0.71	1.6	2
Perfluorononanoic acid (PFNA)	EPA 537.1 M	ng/L	1.6 U	6.4	6.1	3.7	1.6 J	1.6 U	1.6 U	0.5	1.6	2
Perfluorodecanoic acid (PFDA)	EPA 537.1 M	ng/L	1.2 U	4.1	4	2.8	1.2 J	1.2 U	1.2 U	0.39	1.2	2
Perfluoroundecanoic acid (PFUnA)	EPA 537.1 M	ng/L	1.6 U	1.0 J	0.98 J	0.73 J	0.60 J	1.6 U	1.6 U	0.48	1.6	2
Perfluorododecanoic acid (PFDoA)	EPA 537.1 M	ng/L	1.6 U	1.0 J	0.99 J	1.6 U	1.6 U	1.6 U	1.6 U	0.59	1.6	2
Perfluorotridecanoic acid (PFTrDA)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.46	1.6	2
Perfluorotetradecanoic acid(PFTeDA)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.54	1.6	2
Perfluorobutanesulfonic acid (PFBS)	EPA 537.1 M	ng/L	1.6 U	6.6	6.5	4.7	2.7	1.6 U	1.6 U	0.65	1.6	2
Perfluoropentanesulfonic acid PFPeS	EPA 537.1 M	ng/L	1.6 U	10	10	6.8	2.6	1.6 U	1.6 U	0.64	1.6	2
Perfluorohexanesulfonic acid(PFHxS)	EPA 537.1 M	ng/L	1.2 U	48	47	28	10	1.2 U	1.2 U	0.37	1.2	2
Perfluoroheptanesulfonic acid PFHpS	EPA 537.1 M	ng/L	1.6 U	3	2.7	1.7 J	0.82 J	1.6 U	1.6 U	0.48	1.6	2
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1 M	ng/L	1.6 U	180 (1)	170 (1)	93	30	1.6 U	1.6 U	4.6	16	20
Perfluorononanesulfonic acid (PFNS)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.56	1.6	2
Perfluorodecanesulfonic acid (PFDS)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.69	1.6	2
Perfluorooctane Sulfonamide (PFOSA)	EPA 537.1 M	ng/L	1.6 U	0.62 J (2)	0.60 J	1.6 U	1.6 U	1.6 U	1.6 U	0.55	1.6	4
MeFOSAA	EPA 537.1 M	ng/L	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	0.79	2.8	4
EtFOSAA	EPA 537.1 M	ng/L	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	0.97	2.8	4
4:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	0.72 J (2)	0.67 J (2)	1.6 U	1.6 U	1.6 U	1.6 U	0.44	1.6	4
6:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.2 U	47	44	22	8.2	1.2 U	1.2 U	0.37	1.2	4
8:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	12	11	7.5	2.9 J	1.6 U	1.6 U	0.48	1.6	4
Hexafluoropropyleneoxide dimer acid	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.51	1.6	4
4,8-Dioxa-3H-perfluorononanoic acid	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.49	1.6	4
9Cl-PF3ONS (F-53B Major)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.59	1.6	4
11Cl-PF3OUdS (F-53B Minor)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.41	1.6	4

Notes:

(1) Due to high concentration of the target analyte, a reduced sample volume was extracted and analyzed. Detection limit was adjusted accordingly (10x). Some results reference different lab limits due to dilution.

(2) Result is estimated as analyte confirmation criterion (ion ratio) was not met.

ng/L - nanograms per Liter or parts per trillion.

DL = Detection Limit

EFF = Effluent

FB= Field Blank

INF = Influent

J = Estimated result. Associated value may not be accurate or precise.

LOD = Limit of Detection

LOQ = Limit of Quantitation

SANGB = Stewart Air National Guard Base

U - Undetected. Compound was analyzed for, but not detected.

Sample SANG-FB-06172025 is a field blank.

Sample SANG-INF-06172025 D is a field duplicate of SANG-INF-06172025 .

Sample ports located in each of the 4 trains; A, B, C, D. such as: PBG1= post B train GAC unit 1.

PEAG1 = post E port B GAC Unit 1

PEAG2 = post E port B train GAC Unit 2

PEAR1 = post E port B Resin 1

Effluent (EFF) = Treated water that has passed through the ISWTS

Influent (INF) = Untreated water from Recreational Pond

ISWTS = Interim Storm Water Treatment System

C575601V1_06/24/2025

RESULTS OF ANALYSES OF WATER **VALIDATED DATA**

		Bureau Veritas ID	ASHZ73	ASHZ78	ASHZ79	ASHZ77	ASHZ76	ASHZ75	ASHZ74			
		Sampling Date	2025/06/24 08:00	2025/06/24 08:25	2025/06/24 08:25	2025/06/24 08:20	2025/06/24 08:15	2025/06/24 08:10	2025/06/24 08:05			
		Sample ID	**SANG-FB-06242025**	**SANG-INF-06242025**	**SANG-INF-06242025D**	**SANG-PEBG1-06242025**	**SANG-PEBG2-06242025**	**SANG-PEBR1-06242025**	**SANG-EFF-06242025**	**DL**	**LOD**	**LOQ**
Perfluorinated Compounds	**Method**	**UNITS**										
Perfluorobutanoic acid (PFBA)	EPA 537.1 M	ng/L	1.6 U	24	25	26	24	1.6 U	1.6 U	0.7	1.6	2
Perfluoropentanoic acid (PFPeA)	EPA 537.1 M	ng/L	1.6 U	74	79	75	53	1.6 U	1.6 U	0.51	1.6	2
Perfluorohexanoic acid (PFHxA)	EPA 537.1 M	ng/L	1.6 U	57	61	52	30	1.6 U	1.6 U	0.52	1.6	2
Perfluoroheptanoic acid (PFHpA)	EPA 537.1 M	ng/L	1.6 U	31	33	23	11	1.6 U	1.6 U	0.5	1.6	2
Perfluorooctanoic acid (PFOA)	EPA 537.1 M	ng/L	1.6 U	28	30	19	7.8	1.6 U	1.6 U	0.71	1.6	2
Perfluorononanoic acid (PFNA)	EPA 537.1 M	ng/L	1.6 U	9.1	9.3	5.2	2.4	1.6 U	1.6 U	0.5	1.6	2
Perfluorodecanoic acid (PFDA)	EPA 537.1 M	ng/L	1.2 U	6.1	6.1	3	1.2 J	1.2 U	1.2 U	0.39	1.2	2
Perfluoroundecanoic acid (PFUnA)	EPA 537.1 M	ng/L	1.6 U	0.88 J	0.83 J	1.6 U	1.6 U	1.6 U	1.6 U	0.48	1.6	2
Perfluorododecanoic acid (PFDoA)	EPA 537.1 M	ng/L	1.6 U	1.2 J	1.2 J	0.77 J	1.6 U	1.6 U	1.6 U	0.59	1.6	2
Perfluorotridecanoic acid (PFTrDA)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.46	1.6	2
Perfluorotetradecanoic acid(PFTeDA)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.54	1.6	2
Perfluorobutanesulfonic acid (PFBS)	EPA 537.1 M	ng/L	1.6 U	10	11	7.9	4.7	1.6 U	1.6 U	0.65	1.6	2
Perfluoropentanesulfonic acid PFPeS	EPA 537.1 M	ng/L	1.6 U	14	15	9.2	3.6	1.6 U	1.6 U	0.64	1.6	2
Perfluorohexanesulfonic acid(PFHxS)	EPA 537.1 M	ng/L	1.2 U	78	82	47	19	1.2 U	1.2 U	0.37	1.2	2
Perfluoroheptanesulfonic acid PFHpS	EPA 537.1 M	ng/L	1.6 U	3.4	3.5	1.8 J	0.72 J	1.6 U	1.6 U	0.48	1.6	2
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1 M	ng/L	1.6 U	310 (1)	300 (1)	160 (1)	49	1.6 U	1.6 U	4.6	16	20
Perfluorononanesulfonic acid (PFNS)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.56	1.6	2
Perfluorodecanesulfonic acid (PFDS)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.69	1.6	2
Perfluorooctane Sulfonamide (PFOSA)	EPA 537.1 M	ng/L	1.6 U	1.6 U	0.69 J	1.6 U	1.6 U	1.6 U	1.6 U	0.55	1.6	4
MeFOSAA	EPA 537.1 M	ng/L	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	0.79	2.8	4
EtFOSAA	EPA 537.1 M	ng/L	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	0.97	2.8	4
4:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	1.0 J (2)	1.1 J	0.71 J (2)	0.48 J	1.6 U	1.6 U	0.44	1.6	4
6:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.2 U	62	68	34	13	1.2 U	1.2 U	0.37	1.2	4
8:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	16	17	5.8	1.6 J	1.6 U	1.6 U	0.48	1.6	4
Hexafluoropropyleneoxide dimer acid	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.51	1.6	4
4,8-Dioxa-3H-perfluorononanoic acid	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.49	1.6	4
9Cl-PF3ONS (F-53B Major)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.59	1.6	4
11Cl-PF3OUdS (F-53B Minor)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	0.41	1.6	4

Notes:

(1) Due to high concentration of the target analyte, a reduced sample volume was extracted and analyzed. Detection limit was adjusted accordingly (10x). Some results reference different lab limits due to dilution.

(2) Result is estimated as analyte confirmation criterion (ion ratio) was not met.

ng/L - nanograms per Liter or parts per trillion.

DL = Detection Limit

EFF = Effluent

FB= Field Blank

INF = Influent

J = Estimated result. Associated value may not be accurate or precise.

LOD = Limit of Detection

LOQ = Limit of Quantitation

SANGB = Stewart Air National Guard Base

U - Undetected. Compound was analyzed for, but not detected.

Sample SANG-FB-06242025 is a field blank.

Sample SANG-INF-06242025 D is a field duplicate of SANG-INF-06242025 .

Sample ports located in each of the 4 trains; A, B, C, D. such as: PBG1= post B train GAC unit 1.

PEBG1 = post E port B GAC Unit 1

PEBG2 = post E port B train GAC Unit 2

PEBR1 = post E port B Resin 1

Effluent (EFF) = Treated water that has passed through the ISWTS

Influent (INF) = Untreated water from Recreational Pond

ISWTS = Interim Storm Water Treatment System

TABLE 2 - OTHER WATER QUALITY MONITORING RESULTS

Bristol ENVIRONMENTAL SOLUTIONS, LLC

Glycols				
Sample Parameter/Sample ID	**Sampling Date**	**Influent (SANG-INF-06262025 mg/L)**	**PBG2 Effluent (SANG-PEBG2-06262025 mg/L)**	**Effluent (SANG-EFF-06262025 mg/L)**
Diethylene glycol	6/26/2025	<52	<52	<52
Ethylene glycol		<13	<13	<13
Propylene glycol		<10	<10	<10
Triethylene Glycol		<54	<54	<54

Total Organic Carbon (TOC)				
Sample Parameter	**Sampling Date**	**Influent (mg/L)**	**SANG-PEBG2 Effluent (mg/L)**	**Effluent (mg/L)**
TOC	6/26/2025	3.20	<1.0	<1.0

TABLE 3 - PREVENTIVE MAINTENANCE

Date	Primary Bag Filter Change and Type Installed	Secondary Bag Filter Change and Type Installed	Treatment Process Backwashed	Sand Filter Cleaning or Changeout	Media Change Out	Other	Resin Vessel Insp.
4/2/2025		Secondary bags Regular 10 micron					
4/3/2025						Biofouling Sampling	
4/4/2025	Primary bags Regular 25 micron						
4/7/2025		Secondary bags Regular 10 micron				Treat 13 drums of IDW water	
4/8/2025				Replaced media in Coarse Sand filters 1A/1B and 2A/2B with 2.5 cu.ft. gravel and 8 cu.ft. coarse sand			
4/9/2025				Replaced media in Fine Sand filters 3A/3B, 4A/4B and 5A/5B with 2.5 cu.ft. gravel and 8 cu.ft. fine sand		Deployed Ultrasonic in recreation pond. Performed pump maintenance	
4/10/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron			Remove GAC/IX media from Treatment Train B. Install ≈2,500 lbs of virgin F-400 carbon in (B1 & B2), fill with water and degas overnight. Install ≈ 15 cubic feet of Anthracite and ≈65 CF of PFA-694 Resin in Train B Resin vessel		
4/11/2025			Primary Carbon vessels B1& B2 initial		Remove GAC/IX media from Treatment Train A. Install ≈2,500 lbs of virgin F-400 carbon in (A1 & A2), fill with water and degas overnight. Install ≈ 15 cubic feet of Anthracite and ≈65 CF of PFA-694 Resin in Train A Resin vessel		
4/14/2025			Pri/Sec Carbon vessels A1 & A2 initial		Remove GAC/IX media from Treatment Train C. Install ≈2,500 lbs of virgin F-400 carbon in (C1 & C2), fill with water and degas overnight. Install ≈ 15 cubic feet of Anthracite and ≈65 CF of PFA-694 Resin in Train C Resin vessel		

TABLE 3 - PREVENTIVE MAINTENANCE

Date	Primary Bag Filter Change and Type Installed	Secondary Bag Filter Change and Type Installed	Treatment Process Backwashed	Sand Filter Cleaning or Changeout	Media Change Out	Other	Resin Vessel Insp.
4/15/2025		Secondary bags Pleated 10 micron	Pri/Sec Carbon vessels C1 & C2 initial		Remove GAC/IX media from Treatment Train D. Install ≈2,500 lbs of virgin F-400 carbon in (D1 & D2), fill with water and degas overnight. Install ≈ 15 cubic feet of Anthracite and ≈65 CF of PFA-694 Resin in Train D Resin vessel		
4/16/2025	Primary bags Regular 25 micron		Pri/Sec Carbon vessels D1 & D2 initial				
4/18/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron				Load 21 Bags of Spent Carbon for reactivation	
4/21/2025	Primary bags Regtular 25 micron		Primary Carbon vessels A1, B1, C1, & D1			Load 17 Sacks of resin and bag filters for disposal	
4/22/2025		Secondary bags Regular 10 micron					
4/23/2025	Primary bags Regular 25 micron						
4/24/2025		Secondary bags Regular 10 micron					
4/25/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron					
4/28/2025		Secondary bags Pleated 10 micron					
4/29/2025	Primary bags Regular 25 micron		Primary Carbon vessels A1, B1, C1, & D1				
4/30/2025		Secondary bags Regular 10 micron					
5/1/2025		Secondary bags Regular 10 micron					
5/2/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron					
5/5/2025		Secondary bags Regular 10 micron					
5/6/2025			Primary Carbon vessels A1, B1, C1, & D1				

TABLE 3 - PREVENTIVE MAINTENANCE

Date	Primary Bag Filter Change and Type Installed	Secondary Bag Filter Change and Type Installed	Treatment Process Backwashed	Sand Filter Cleaning or Changeout	Media Change Out	Other	Resin Vessel Insp.
5/7/2025	Primary bags Regular 25 micron	Secondary bags Regular 10 micron					
5/8/2025				Coarse Sand Filters 1A/1B			
5/9/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron					
5/14/2025		Secondary bags Regular 10 micron	Primary Carbon vessels A1, B1, C1, & D1				
5/15/2025				Coarse Sand Filters 2A/2B			
5/16/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron					
5/19/2025		Secondary bags Regular 10 micron					
5/20/2025	Primary bags Regular 25 micron	Secondary bags Regular 10 micron					
5/21/2025		Secondary bags Regular 10 micron	Primary Carbon vessels A1, B1, C1, & D1				
5/22/2025		Secondary bags Regular 10 micron	Secondary Carbon vessels A2, B2, C2, & D2				
5/23/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron					
5/27/2025		Secondary bags Regular 10 micron					
5/28/2025	Primary bags Regular 25 micron	Secondary bags Pleated 10 micron	Primary Carbon vessels A1, B1, C1, & D1				

TABLE 3 - PREVENTIVE MAINTENANCE

Date	Primary Bag Filter Change and Type Installed	Secondary Bag Filter Change and Type Installed	Treatment Process Backwashed	Sand Filter Cleaning or Changeout	Media Change Out	Other	Resin Vessel Insp.
5/29/2025				Fine Sand Filters 3A/3B			
5/30/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron					
6/2/2025		Secondary bags Regular 10 micron					
6/3/2025			Primary Carbon vessels A1, B1, C1, & D1				
6/4/2025	Primary bags Regular 25 micron	Secondary bags Regular 10 micron		Fine Sand Filters 4A/4B			
6/5/2025			Secondary Carbon vessels A2, B2, C2, & D2				
6/6/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron					
6/10/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron					
6/11/2025			Primary Carbon vessels A1, B1, C1, & D1				
6/12/2025							Inspected all four Resin Vessels in Trains A, B, C and D. Leveled mounded resin in Trains A, B and C
6/13/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron					
6/16/2025		Secondary bags Regular 10 micron					
6/18/2025	Primary bags Regular 25 micron	Secondary bags Regular 10 micron	Primary Carbon vessels A1, B1, C1, & D1				
6/20/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron					

TABLE 3 - PREVENTIVE MAINTENANCE

Date	Primary Bag Filter Change and Type Installed	Secondary Bag Filter Change and Type Installed	Treatment Process Backwashed	Sand Filter Cleaning or Changeout	Media Change Out	Other	Resin Vessel Insp.
6/25/2025	Primary bags Regular 25 micron	Secondary bags Regular 10 micron					
6/26/2025		Secondary bags Regular 10 micron					
6/27/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron					
6/30/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron	Primary Carbon vessels A1, B1, C1, & D1				

FIGURES

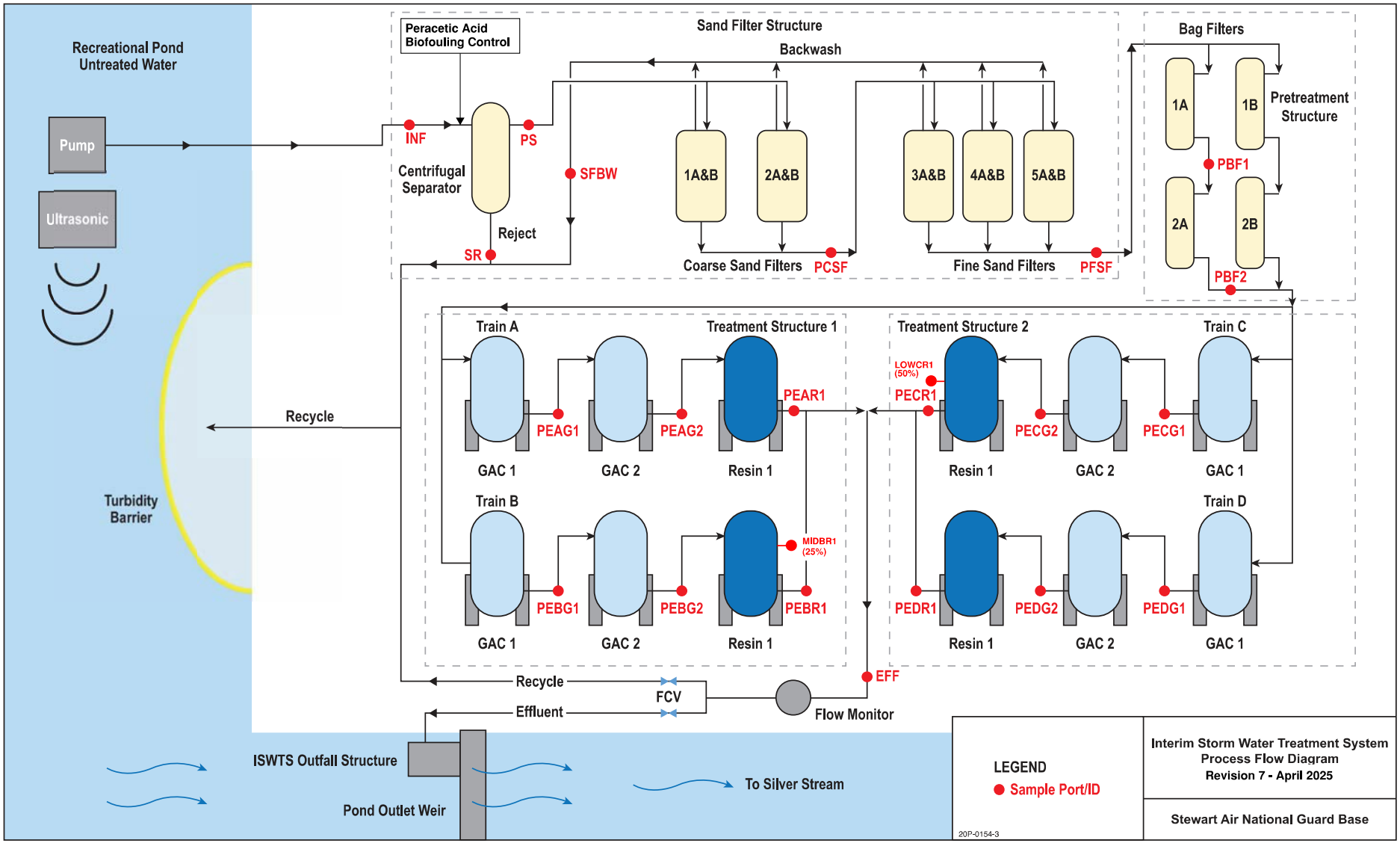

Recreational Pond
Untreated Water
Pump
Ultrasonic
Turbidity
Barrier
Peracetic Acid
Biofouling Control
Sand Filter Structure
Backwash
INF
PS
Centrifugal
Separator
SFBW
Reject
SR
1A&B
2A&B
3A&B
4A&B
5A&B
Coarse Sand Filters
PCSF
Fine Sand Filters
PFSF
Bag Filters
1A
1B
Pretreatment
Structure
PBF1
2A
2B
PBF2
Recycle
Train A
Treatment Structure 1
PEAG1
PEAG2
PEAR1
GAC 1
GAC 2
Resin 1
Train B
MIDBR1
(25%)
PEBG1
PEBG2
PEBR1
Treatment Structure 2
LOWCR1
(50%)
PECR1
PECG2
PECG1
Train C
Train D
PEDR1
PEDG2
PEDG1
EFF
Recycle
Effluent
FCV
Flow Monitor
ISWTS Outfall Structure
Pond Outlet Weir
To Silver Stream
LEGEND
Sample Port/ID
20P-0154-3
Interim Storm Water Treatment System
Process Flow Diagram
Revision 7 - April 2025
Stewart Air National Guard Base

FIGURE 2 - RECREATION POND LEVEL CHART

April to June 2025

ISWTS SANGB - RECREATION POND LEVEL

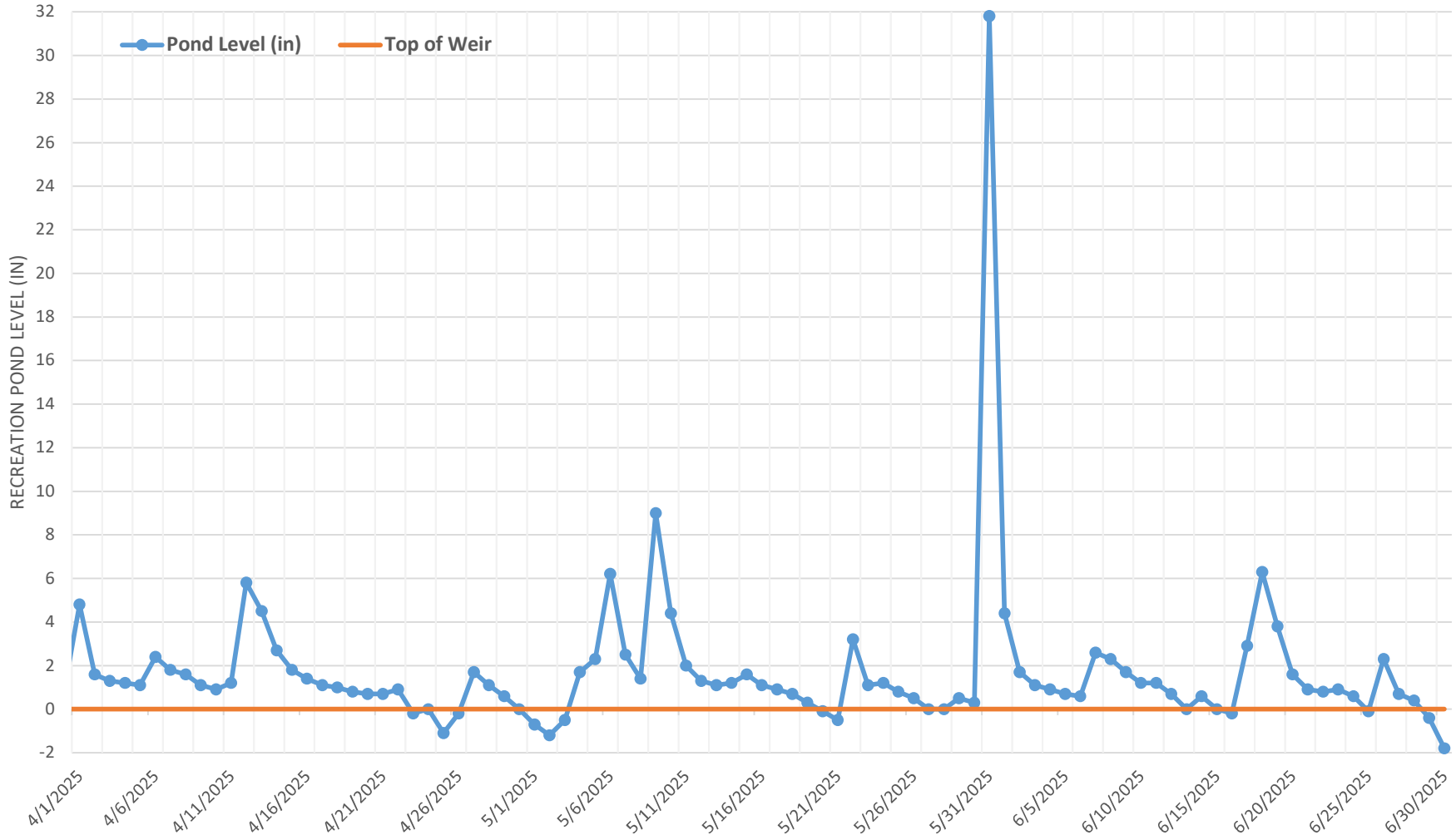
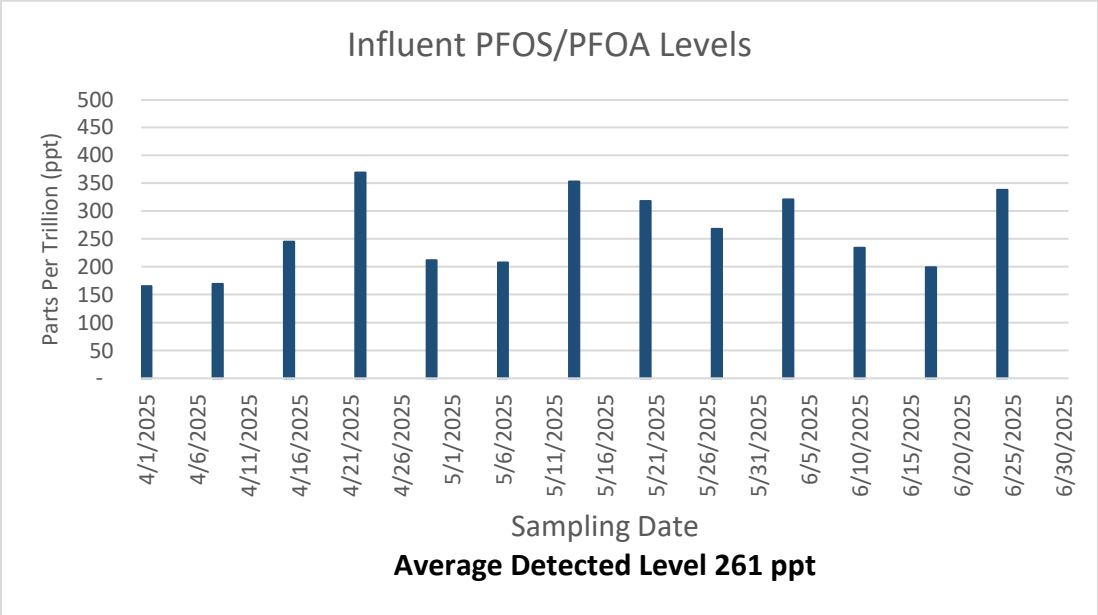
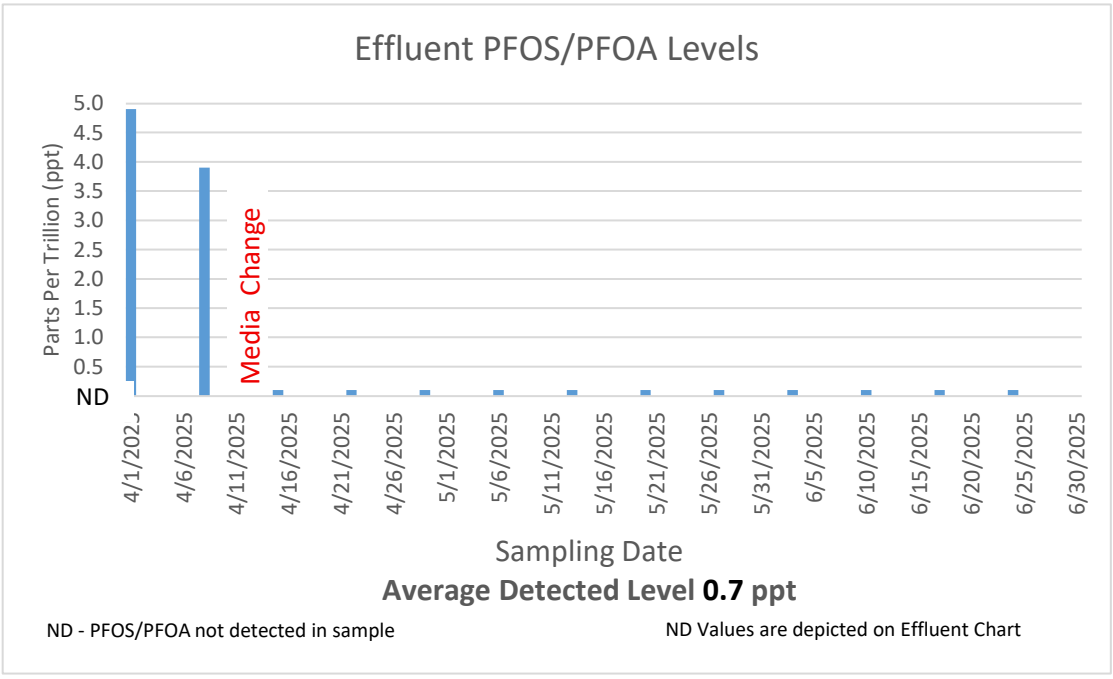


FIGURE 3 - INFLUENT AND EFFLUENT PFOS AND PFOA CHARTS





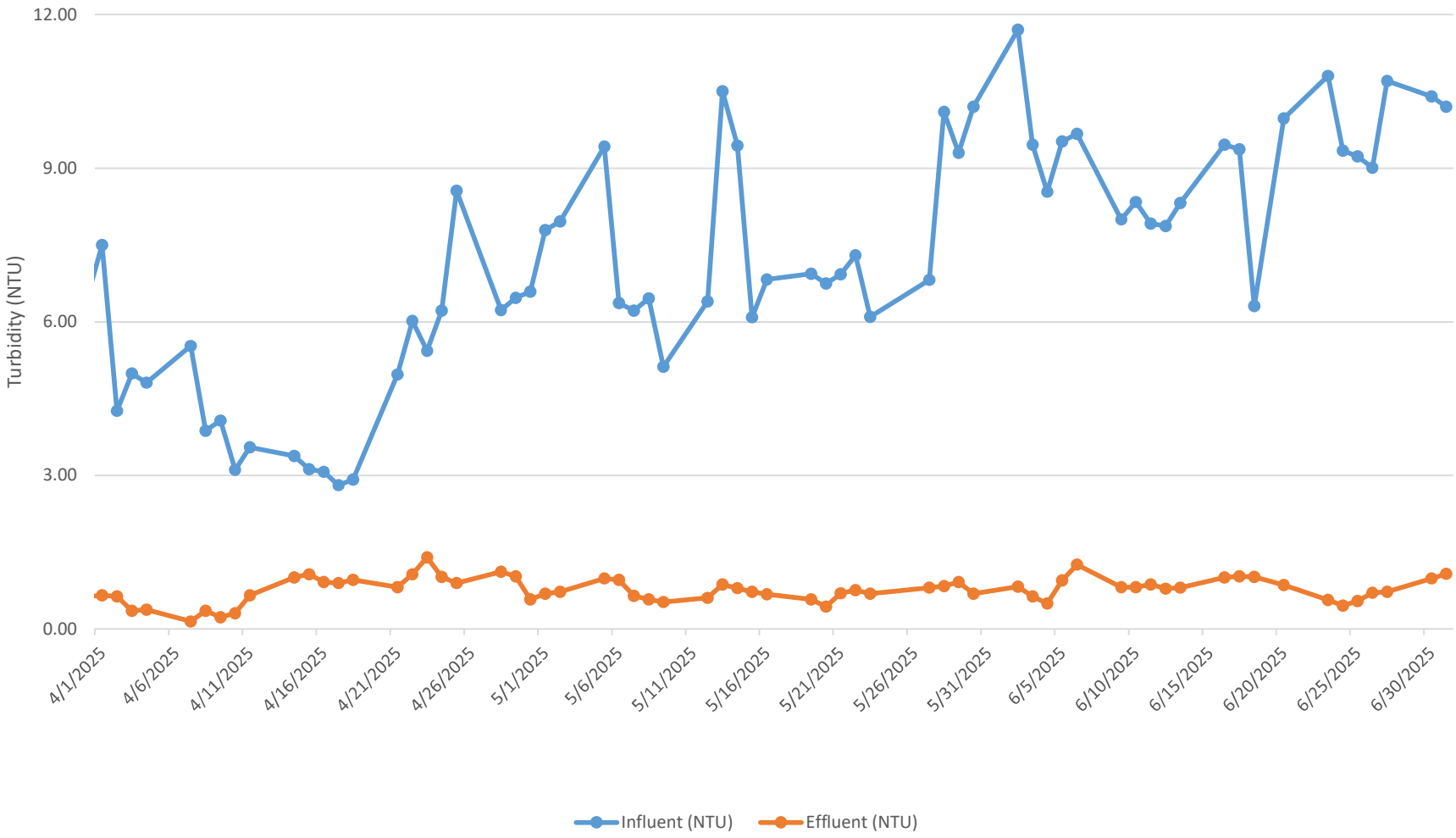
ND - PFOS/PFOA not detected in sample

ND Values are depicted on Effluent Chart

FIGURE - 4 - INFLUENT AND EFFLUENT TURBIDITY CHART

April to June 2025

Influent and Effluent Turbidity



ATTACHMENT 1

Waste Disposal

ONION EQUIPMENT COMPANY

5705 W 73rd Street
Indianapolis, IN 46278
Phone: (317) 762-6007

July 9, 2025

Re: Stewart ANG April 2025 Media Exchange Event

To whom it may concern,

Attached are the manifests and disposal certificates for the waste generated on the service event which occurred in April of 2025.

Thank you,

Eric Patterson

CERTIFICATE OF DESTRUCTION AND ACTIVATED CARBON REACTIVATION

CAN Number: 6973N

Company: Onion Equipment Company
5705 West 73rd St.
Indianapolis, IN 46278-1741

Issue Date: May 18, 2025

Service Order # 60081494

CCC CAN Number: 6973N / 19-03S-1

Waste Classification: RCRA non-hazardous

Treatment Method: Thermal Reactivation

Calgon Carbon hereby certifies on the above date 20,000 pounds of spent carbon received under the indicated carbon profile application number and customer manifest was reactivated in accordance with the state and federal regulations by thermal processing that removes and destroys the volatile and semi-volatile contaminants adsorbed on the spent carbon.

Calgon Carbon Corporation

Robert Natili

Quality Assurance Supervisor

Calgon Carbon Corporation
200 Neville Road
Pittsburgh, PA 15225

Phone 412-771-4050

Non-Hazardous Waste Manifest

917.853.3354

GENERATOR SECTION

Non-Hazardous Waste Manifest	Generator ID Number	Waste Profile Number	Waste Tracking (Manifest) Number
	NYD 981 183 338	F220121WDI-OTS	19-03S

Customer Billing Name and Mailing	Generator's Site Address
Onion Equipment Company 5705 W 73rd Street - Indianapolis, IN 46278	Stewart ANG Base 1 Maquire Way, Newburgh, NY 12550
Customer Billing Phone: (317) 694-7576	Generator's Phone:

Transporter 1 Company Name	US EPA ID Number
ALtex Logistic	MA
Transporter 2 Company Name	US EPA ID Number

Designated Facility Name and Site Address	US EPA ID Number
WAYNE DISPOSAL, INC. SITE #2 LANDFILL 49350 N I-94 SERVICE DRIVE- BELLEVILLE, MI 48111 Facility's Phone: 412-771-4050, X4116	MID 048 090 633

	Waste Shipping Name and Description	Containers No.	Containers Type	Total Quantity	Unit Wt / Vol.	Disposal Method
1	F220121WDI / Spent PFAS Filtration Media	17	1 CYD BAG	25000	LB	Landfill
2						
3						
4						

Special Handling Instructions and Additional Information	24 Hour Emergency Response Phone
~~(8) Bags Resin, (6) Bags Filter Bags~~ Delivery Appointment Friday 4/22 at 8AM. Conf.# 1350826 (9) Resin Bags, (5) Sand Bags, (3) Bag Filters	317-694-7576 Emergency Response Guide Number

GENERATOR'S / OFFEROR'S CERTIFICATION: I hereby certify that the above-described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Generator's Offeror's Printed / Typed Name	Signature	Month	Day	Year
Eric Patterson (agent for SANG)	Digitally signed by Eric Patterson DN: cn=Eric Patterson, o=OEC Process, ou=..., email=...@oecprocess.com, c=US Date: 2025.11.21 19:07:44 -05'00'	April	15	2025

TRANSPORTER SECTION

Transporter's Acknowledgement of Receipt of Materials

Transporter 1 Printed / Typed Name	Signature	Month	Day	Year
Nodar Bashayev		4	21	2025
Transporter 2 Printed / Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY SECTION

Discrepancy

Discrepancy Indication Space	☐ Quantity	☐ Type	☐ Residue	☐ Partial Rejection	☐ Full Rejection

Alternate Facility (or Generator)	US EPA ID Number
Facility's Phone:	

Signature of Alternate Facility (or Generator)	Month	Day	Year

Designated Facility Owner or Operator: Certification of Receipt of materials covered by the manifest except as noted in Discrepancy section

Printed / Typed Name	Signature	Month	Day	Year

20661312

Larkin Express Logistics, LLC
Straight Bill of Lading

LRKN

04/15/2025 1349

Order No 1206811
Ref No conf# 1350826

Order date 04/21/2025 0800
BOL

Shipper	Consignee	Bill To
Stewart Air National Guard Base 1 Maguire Way NEWBURGH, NY 12550 Ralph Fletcher (860) 614-1959	Wayne Disposal Inc SITE #2 LANDFILL 49350 N Interstate 94 Service Dr BELLEVILLE, MI 48111 SITE #2 LANDFIL	Larkin Express Logistics, LLC P.O. Box 50910 Knoxville, TN 37950

Load Information

Commodity	17 Bags USED Resin, sand & Filter	Weight	35000.0	Pieces	17

Dispatch Information

Delivered at BELLEVILLE, MI E.T.A. Trailer

Reference numbers
conf# 1350826

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading state whether weight is "carrier's or shipper's weight".	REMIT C.O.D TO: ADDRESS	C.O.D Amt. $	C.O.D FEE: PREPAID ☐ COLLECT ☐ $	TOTAL CHARGES: $

Note-Where the rate is dependent on value, shippers are required to *state specifically in writing the agreed or declared value of the property.* The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ _____ per _____	Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee *without recourse on the consignor, the consignor shall sign the following statement.* The carrier shall not make delivery of this shipment without payment of freight and all other charges. BMurion (Signature of Consignor)	FREIGHT CHARGES Bill to Larkin Unless Checked: ☐ Freight prepaid ☐ Collect

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said rout to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classifications in effect on the date hereof, if this is a rail or rail-water shipment or (2) in the applicable motor carrier classification or tariff, if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Mark with 'RQ' if appropriate to designate Hazardous Materials as defined in the U.S. Department of Transportation Regulations governing the transportation of hazardous materials. The use of this column is an optional method for identifying hazardous materials on Bills of Lading per 172.201(a)(1) (iii) of Title 49 Code of Federal Regulations. Also when shipping hazardous materials, the shipper's certification statement prescribed in section 172.204(a) of the Ferderal Regulations, as indicated on the Bill of Lading does apply, unless a specific exception from the requirement is provided in the Regulation for a particular material.	The format and content of hazardous item list is the responsibility of individual company interpretation of requirements as described in 49 code of Federal Regulations 172, Subpart C-Shipping Papers. Such description consists of the following per Sections 172.201 (hazardous Material Table) and Sections 172.202 and 172.203: Proper Shipping name, hazardous class, UN indentification number, packing group, and subsidiary class(es).	Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 United States Code, Sections 14706(c (1)(A) and (B).

SHIPPER	RECEIVER BMurion
PER	PER Republic Services

1 This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transfortation according to the applicable regulations of the U.S. Department of Transportation.

Carrier acknowledges receipt of packages and any required placards. Carrier certifies emergency response information was made available and/or carrier has the U.S. Department of Transportation emergency resonse guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

W. 59180
TR. 93066

20661313

CERTIFICATE OF DISPOSAL

REPUBLIC SERVICES

This certificate is to verify the wastes specified on Manifest # 19-035

have been properly disposed of in accordance with all local, state and federal regulation.

"Disposed of" means either: 1) Burial or 2) Processed as specified in 40CFR et sea.

FACILITY NAME: (Please check one)	☐ Michigan Disposal Waste Treatment Plant (EPA I.D. # MID000724831)	☑ Wayne Disposal, Inc. (EPA I.D. # MID048090633)
ADDRESS:	49350 N. I-94 Service Drive Bellville, Michigan 48111	
PHONE NUMBER:	1-800-592-5489	
FAX NUMBER:	1-800-593-5329	

Authorized Signature: DB

20661314