US Army Corps of Engineers
Baltimore District

QUARTERLY OM&M REPORT NO. 22

October to December 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
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
TOC	total organic carbon

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 October 1 and December 31, 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 filtration media (sand & gravel) and complete treatment media (GAC & IX) change was performed between December 9 and December 23, 2025, due to restrictive backpressure across the system. The increased pressure was believed to be predominantly from solids contamination within the ISWTS that were restricting the ISWTS hydraulic capacity that could no longer be mitigated through maintenance and backwashing. The increased pressure drop did not appear to be the result of increased bacteria growth in the system as observed earlier this year during the first quarter of 2025 and caused a GAC media change in February 2025 and a complete (GAC & IX) media change in April 2025.

The December 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 ISWTS hydraulic capacity restrictions.

During the performance period, a total of 36,167,457 gallons of stormwater were treated and discharged over the outfall weir by the ISWTS. There were 92 days between October 1 and December 31, 2025. The Recreation Pond was drawn below the outfall weir for 46 of the 92 days or 50% of the quarter, which is typical for Quarter 4 periods. Below average temperatures in December 2025 influenced the ISWTS performance and average drawdown below the weir reduced overall capture.

PFOS and PFOA samples were collected thirteen (13) times on the influent and effluent during the performance period. The combined PFOS and PFOA influent average concentration during the performance period was 230 parts per trillion (ppt). The combined PFOS and PFOA effluent average concentration was 0.12 ppt. The highest PFOS and PFOA detected in the combined effluent was 1.0 ppt on October 28, 2025. The higher detection occurred during normal OM&M activities. The effluent PFOS and PFOA concentrations for the remainder of the quarter were below the detection limits.

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 22nd Quarterly Report that summarizes Operations, Maintenance, and Monitoring (OM&M) activities conducted by BES at SANGB. This report summarizes ISWTS operations between October 1 and December 31, 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 October 1 and December 31, 2025, or months 64, 65, and 66 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. 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 December 9 and 23, 2025. The complete media exchange was conducted due to solids contamination that was increasing system pressures and restricting the ISWTS 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. The GAC media used during the quarter was 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 into the centrifugal separator influent to mitigate

biofouling starting in April 2025 and BES continued to apply peracetic acid through December 31, 2025. During the quarter, the ultrasonic device (Pulsar 3000) operated through 12 November 2025 to mitigate seasonal algae growth in the Recreation Pond. The ultrasonic device is taken off-line to avoid damage from winter conditions. The ISWTS configuration is shown in **Figure 1**.

4.0 GENERAL FACILITY OPERATIONS SUMMARY

During the performance period, approximately 36 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 December were slightly lower than in October and November.

Month	Volume Treated (Gallons)	Run Time[1] (Percent)	Average Treatment Flow[2] (GPM)
October 2025	11,100,332	100%	317
November 2025	14,771,770	100%	320
December 2025	10,295,355	92%	258
Total	36,167,457		

[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 92 days between October 1 and December 31, 2025. The Recreation Pond was drawn down below the outfall weir for 46 of the 92 days or 50% of the quarter, which is typical for the period. Drawdown below the weir in Quarter 4 was influenced by lower-than-average temperatures which impacted ISWTS operations during the December media exchange event.

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 230 parts per trillion (ppt) and 0.12 ppt respectively. PFOS/PFOA was detected in the combined effluent on two occasions during Quarter 4, the highest PFOS/PFOA concentration of 1.0 ppt was detected in the effluent on October 28, 2025, preceded by 0.6 ppt detected on October 21, 2025. The higher detections occurred during normal OM&M activities. No abnormalities were observed and the effluent PFOS and PFOA concentrations improved for the remainder of the quarter were below detection limits. 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 also performed after all three media stages. Intra-process sample results are also provided in **Table 1**.

Intra-process samples are normally collected weekly 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. During active media changes, intra-process samples are not collected. As a result of the December media change, ten (10) intra-process sample rounds

were performed during the quarter. 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. During the performance monitoring period, the highest combined PFOS/PFOA concentrations in the Primary GAC effluent, Secondary GAC effluent and IX effluent were 171, 110, and 0.9 ppt respectively.

5.3 OTHER WATER QUALITY MONITORING

During the performance period additional monitoring was performed for total organic carbon (TOC) and Glycol on the influent, Secondary GAC effluent, and final effluent on November 24, 2025. These results are shown in **Table 2**. Glycol was not detected in any of the samples. Elevated TOC is known to impact IX media life. The ion exchange resin manufacturer recommends that TOC not be more than 2 milligrams per liter (mg/L). The influent TOC on November 24, 2025, was 3.0 mg/L, the Secondary GAC effluent (IX influent) was 2.1 mg/L, and the final effluent TOC was 1.9 mg/L. The IX resin influent of 2.1 mg/L is slightly above the resin manufacturer's recommendation (e.g. <2 mg/L). The results indicate that the Primary and Secondary GAC treatment are helping to reduce TOC and likely aid in maintaining acceptable IX resin performance but not always achieving results below 2 mg/L.

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 5.48 nephelometric turbidity units (NTUs) and 0.54 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 increased monitoring activities for bacteria contamination because it potentially contributes to the premature fouling of GAC that occurred in January and February 2025. Visual evidence of bacterial contamination (bio-slime) was not identified in sand filtration vessels, GAC vessels, or IX resin media during the performance period. To better understand potential bacterial contributors, the BES Team began monitoring dissolved oxygen on the influent, select intra-process locations and effluent. During the fourth quarter, dissolved oxygen levels ranged predominantly between 10 and 13 mg/L and were aerobic. Continued dissolved oxygen monitoring during cold weather months is planned to see if dissolved oxygen can be an indicator of increased bacteria growth under low dissolved oxygen conditions, that may occur during winter periods.

In response to the biofouling concerns, peracetic acid continued to be injected into the influent process during the performance period for bacteria control. During the performance period 12 gallons of peracetic acid was introduced, and the average dose was 0.34 gallons of peracetic acid per million gallons of water treated or 1.14 pounds per day. Ultrasonic treatment to inhibit algae growth was only operational in Recreation Pond during the quarter until it was taken out of service for the winter in November 2025.

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 611 and 647 times respectively, the sand media was replaced in December, and seven cleaning

events were completed. The primary and secondary bag filters were changed 26 and 33 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 15 and 5 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**.

Non-routine maintenance was also performed as required during the performance period. In December, during the media exchange, steel supports were installed below treatment vessels on Train C due to weakening of the underlying structure floorboards. In addition, in late December the air compressor that provides air to a bubbler line in the pond around our intake pump that keeps ice from forming was also rebuilt to improve air distribution and combat ice formation.

7.0 MATERIAL DISPOSAL

Spent ion exchange resin, waste bag filters, spent sand and gravels, and spent granular activated carbon were generated during this reporting period. On January 6, 2026, spent GAC 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 January 8, 2026, by Onion Equipment Company for disposal at US Ecology Subtitled C landfill in Michigan. Certificates of reactivation and waste 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 increased monitoring activities through Standard Operating Procedures to address equipment cleaning, water level control, and water

quality testing during changing seasonal conditions. Bristol will continue 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 monitor and troubleshoot ground fault alarms and system notifications to ensure they are functioning properly after the ISWTS automatically shut down in the overnight hours of December 12, 2025.

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 off-line until spring 2026.

TABLES

C5C6270V1 - 10/07/2025

RESULTS OF ANALYSES OF WATER **VALIDATED DATA**

		Bureau Veritas ID	AVZJ34	AVZJ39	AVZJ40	AVZJ38	AVZJ37	AVZJ36	AVZJ35			
		Sampling Date	2025/10/07 11:00	2025/10/07 11:25	2025/10/07 11:25	2025/10/07 11:20	2025/10/07 11:15	2025/10/07 11:10	2025/10/07 11:05			
		Sample ID	**SANG-FB-10072025**	**SANG-INF-10072025**	**SANG-INF-10072025D**	**SANG-PEAG1-10072025**	**SANG-PEAG2-10072025**	**SANG-PEAR1-10072025**	**SANG-EFF-10072025**	**DL**	**LOD**	**LOQ**
Perfluorinated Compounds	**Method**	**UNITS**										
Perfluorobutanoic acid (PFBA)	EPA 537.1 M	ng/L	1.6 U	34	35	32	23	1.6 U	1.6 U	0.8	1.8	2.3
Perfluoropentanoic acid (PFPeA)	EPA 537.1 M	ng/L	1.6 U	100	110	78	35	1.6 U	1.6 U	0.58	1.8	2.3
Perfluorohexanoic acid (PFHxA)	EPA 537.1 M	ng/L	1.6 U	86	87	50	17	1.6 U	1.6 U	0.59	1.8	2.3
Perfluoroheptanoic acid (PFHpA)	EPA 537.1 M	ng/L	1.6 U	37	36	19	5.7	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	31	14	4	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	8	2.4	0.87 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	5.6	5.5	1.3 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	0.93 J	0.84 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	1.1 J	1.2 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	19	18	9.8	3.1	1.6 U	1.6 U	0.74	1.8	2.3
Perfluoropentanesulfonic acid PFPeS	EPA 537.1 M	ng/L	1.6 U	24	24	10	2.0 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	110	140 (2)	48	8.9	1.2 U	1.2 U	3.7	12	20
Perfluoroheptanesulfonic acid PFHpS	EPA 537.1 M	ng/L	1.6 U	5.3	5.5	2.4	0.81 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	310 (2)	330 (2)	94	15	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	0.84 J (1)	0.77 J (1)	0.59 J (1)	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	2.2 J	2.0 J	1.1 J	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	79	78	20	4.1	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	8	8.2	0.91 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) 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

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

SANGB = Stewart Air National Guard Base

Sample SANG-FB-10072025 is a field blank.

Sample SANG-INF-10072025 D is a field duplicate of SANG-INF-10072025 .

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 A GAC Unit 1

PEAG2 = post E port A train GAC Unit 2

PEAR1 = post E port A 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

C5C9544V1 - 10/14/2025

RESULTS OF ANALYSES OF WATER **VALIDATED DATA**

		Bureau Veritas ID	AWFM32	AWFM37	AWFM38	AWFM36	AWFM35	AWFM34	AWFM33			
		Sampling Date	2025/10/14 10:00	2025/10/14 10:25	2025/10/14 10:25	2025/10/14 10:20	2025/10/14 10:15	2025/10/14 10:10	2025/10/14 10:05			
		Sample ID	**SANG-FB-10142025**	**SANG-INF-10142025**	**SANG-INF-10142025D**	**SANG-PEBG1-10142025**	**SANG-PEBG2-10142025**	**SANG-PEBR1-10142025**	**SANG-EFF-10142025**	**DL**	**LOD**	**LOQ**
Perfluorinated Compounds	**Method**	**UNITS**										
Perfluorobutanoic acid (PFBA)	EPA 537.1 M	ng/L	1.6 U	21	24	21	17	1.6 U	1.6 U	0.88	2	2.5
Perfluoropentanoic acid (PFPeA)	EPA 537.1 M	ng/L	1.6 U	70	77	53	37	1.6 U	1.6 U	0.64	2	2.5
Perfluorohexanoic acid (PFHxA)	EPA 537.1 M	ng/L	1.6 U	47	52	35	22	1.6 U	1.6 U	0.65	2	2.5
Perfluoroheptanoic acid (PFHpA)	EPA 537.1 M	ng/L	1.6 U	24	28	17	9.2	1.6 U	1.6 U	0.63	2	2.5
Perfluorooctanoic acid (PFOA)	EPA 537.1 M	ng/L	1.6 U	19	21	13	7.1	1.6 U	1.6 U	0.89	2	2.5
Perfluorononanoic acid (PFNA)	EPA 537.1 M	ng/L	1.6 U	6	6.2	3.8	1.9 J	1.6 U	1.6 U	0.63	2	2.5
Perfluorodecanoic acid (PFDA)	EPA 537.1 M	ng/L	1.2 U	6.2	7.4	2.5	1.1 J	1.2 U	1.2 U	0.49	1.5	2.5
Perfluoroundecanoic acid (PFUnA)	EPA 537.1 M	ng/L	1.6 U	1.1 J	1.1 J	1.6 U	1.6 U	1.6 U	1.6 U	0.6	2	2.5
Perfluorododecanoic acid (PFDoA)	EPA 537.1 M	ng/L	1.6 U	1.3 J	1.4 J	1.6 U	1.6 U	1.6 U	1.6 U	0.74	2	2.5
Perfluorotridecanoic acid (PFTrDA)	EPA 537.1 M	ng/L	1.6 U	2.0 U	2.0 U	1.6 U	1.6 U	1.6 U	1.6 U	0.58	2	2.5
Perfluorotetradecanoic acid(PFTeDA)	EPA 537.1 M	ng/L	1.6 U	2.0 U	2.0 U	1.6 U	1.6 U	1.6 U	1.6 U	0.68	2	2.5
Perfluorobutanesulfonic acid (PFBS)	EPA 537.1 M	ng/L	1.6 U	6.4	6.8	5	2.7	1.6 U	1.6 U	0.81	2	2.5
Perfluoropentanesulfonic acid PFPeS	EPA 537.1 M	ng/L	1.6 U	5.7	6.3	3.6	1.7 J	1.6 U	1.6 U	0.8	2	2.5
Perfluorohexanesulfonic acid(PFHxS)	EPA 537.1 M	ng/L	1.2 U	41	44	25	12	1.2 U	1.2 U	0.46	1.5	2.5
Perfluoroheptanesulfonic acid PFHpS	EPA 537.1 M	ng/L	1.6 U	1.9 J	1.9 J	1.2 J	0.62 J	1.6 U	1.6 U	0.6	2	2.5
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1 M	ng/L	1.6 U	110	120	82	36	1.6 U	1.6 U	0.58	2	2.5
Perfluorononanesulfonic acid (PFNS)	EPA 537.1 M	ng/L	1.6 U	2.0 U	2.0 U	1.6 U	1.6 U	1.6 U	1.6 U	0.7	2	2.5
Perfluorodecanesulfonic acid (PFDS)	EPA 537.1 M	ng/L	1.6 U	2.0 U	2.0 U	1.6 U	1.6 U	1.6 U	1.6 U	0.86	2	2.5
Perfluorooctane Sulfonamide (PFOSA)	EPA 537.1 M	ng/L	1.6 U	2.0 U	2.0 U	1.6 U	1.6 U	1.6 U	1.6 U	0.69	2	5
MeFOSAA	EPA 537.1 M	ng/L	2.8 U	3.5 U	3.5 U	2.8 U	2.8 U	2.8 U	2.8 U	0.99	3.5	5
EtFOSAA	EPA 537.1 M	ng/L	2.8 U	3.5 U	3.5 U	2.8 U	2.8 U	2.8 U	2.8 U	1.2	3.5	5
4:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	0.80 J	0.89 J	0.60 J	1.6 U	1.6 U	1.6 U	0.55	2	5
6:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.2 U	35	37	18	7.1	1.2 U	1.2 U	0.46	1.5	5
8:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	7.2	7.6	1.2 J	1.6 U	1.6 U	1.6 U	0.6	2	5
Hexafluoropropyleneoxide dimer acid	EPA 537.1 M	ng/L	1.6 U	2.0 U	2.0 U	1.6 U	1.6 U	1.6 U	1.6 U	0.64	2	5
4,8-Dioxa-3H-perfluorononanoic acid	EPA 537.1 M	ng/L	1.6 U	2.0 U	2.0 U	1.6 U	1.6 U	1.6 U	1.6 U	0.61	2	5
9Cl-PF3ONS (F-53B Major)	EPA 537.1 M	ng/L	1.6 U	2.0 U	2.0 U	1.6 U	1.6 U	1.6 U	1.6 U	0.74	2	5
11Cl-PF3OUdS (F-53B Minor)	EPA 537.1 M	ng/L	1.6 U	2.0 U	2.0 U	1.6 U	1.6 U	1.6 U	1.6 U	0.51	2	5

Notes:

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

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

SANGB = Stewart Air National Guard Base

Sample SANG-FB-10142025 is a field blank.

Sample SANG-INF-10142025 D is a field duplicate of SANG-INF-10142025 .

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

C5D3263V1 - 10/21/2025

RESULTS OF ANALYSES OF WATER **VALIDATED DATA**

		Bureau Veritas ID	AWMI05	AWMI10	AWMI11	AWMI09	AWMI08	AWMI07	AWMI06			
		Sampling Date	2025/10/21 10:30	2025/10/21 10:55	2025/10/21 10:55	2025/10/21 10:50	2025/10/21 10:45	2025/10/21 10:40	2025/10/21 10:35			
		Sample ID	**SANG-FB-10212025**	**SANG-INF-10212025**	**SANG-INF-10212025D**	**SANG-PECG1-10212025**	**SANG-PECG2-10212025**	**SANG-PECR1-10212025**	**SANG-EFF-10212025**	**DL**	**LOD**	**LOQ**
Perfluorinated Compounds	**Method**	**UNITS**										
Perfluorobutanoic acid (PFBA)	EPA 537.1 M	ng/L	1.6 U	31	32	30	27	0.78 J	1.6 U	0.8	1.8	2.3
Perfluoropentanoic acid (PFPeA)	EPA 537.1 M	ng/L	1.6 U	94	98	83	63	1.6 U	1.6 U	0.58	1.8	2.3
Perfluorohexanoic acid (PFHxA)	EPA 537.1 M	ng/L	1.6 U	76	77	62	41	1.6 U	1.6 U	0.59	1.8	2.3
Perfluoroheptanoic acid (PFHpA)	EPA 537.1 M	ng/L	1.6 U	37	39	28	18	1.6 U	1.6 U	0.57	1.8	2.3
Perfluorooctanoic acid (PFOA)	EPA 537.1 M	ng/L	1.6 U	29	30	20	12	1.6 U	1.6 U	0.81	1.8	2.3
Perfluorononanoic acid (PFNA)	EPA 537.1 M	ng/L	1.6 U	8.1	8	5.5	3.2	1.6 U	1.6 U	0.57	1.8	2.3
Perfluorodecanoic acid (PFDA)	EPA 537.1 M	ng/L	1.2 U	7.5	7.2	4.9	2.8	0.43 J	0.44 J	0.44	1.4	2.3
Perfluoroundecanoic acid (PFUnA)	EPA 537.1 M	ng/L	1.6 U	1.0 J	0.95 J	0.72 J	0.50 J	1.6 U	1.6 U	0.55	1.8	2.3
Perfluorododecanoic acid (PFDoA)	EPA 537.1 M	ng/L	1.6 U	1.2 J	1.1 J	0.62 J (1)	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	12	8.7	5.6	1.6 U	1.6 U	0.74	1.8	2.3
Perfluoropentanesulfonic acid PFPeS	EPA 537.1 M	ng/L	1.6 U	16	17	11	6.7	1.6 U	1.6 U	0.73	1.8	2.3
Perfluorohexanesulfonic acid(PFHxS)	EPA 537.1 M	ng/L	1.2 U	77	81	52	30	1.2 U	1.2 U	0.42	1.4	2.3
Perfluoroheptanesulfonic acid PFHpS	EPA 537.1 M	ng/L	1.6 U	4.2	4.5	3	2.1	1.6 U	1.6 U	0.55	1.8	2.3
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1 M	ng/L	1.6 U	230 (2)	230 (2)	150 (2)	84	1.6 U	0.62 J	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	1.6 J	1.6 J	1.2 J	0.74 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	64	67	39	20	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	6.5	6.7	4.2	2.0 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) 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

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

SANGB = Stewart Air National Guard Base

Sample SANG-FB-10212025 is a field blank.

Sample SANG-INF-10212025 D is a field duplicate of SANG-INF-10212025 .

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 C GAC Unit 1

PECG2 = post E port C train GAC Unit 2

PECR1 = post E port C 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

C5D6591V1 - 10/28/2025

RESULTS OF ANALYSES OF WATER **VALIDATED DATA**

		Bureau Veritas ID	AWST70	AWST75	AWST76	AWST74	AWST73	AWST72	AWST71			
		Sampling Date	2025/10/28 11:30	2025/10/28 11:55	2025/10/28 11:55	2025/10/28 11:50	2025/10/28 11:45	2025/10/28 11:40	2025/10/28 11:35			
		Sample ID	**SANG-FB-10282025**	**SANG-INF-10282025**	**SANG-INF-10282025D**	**SANG-PEDG1-10282025**	**SANG-PEDG2-10282025**	**SANG-PEDR1-10282025**	**SANG-EFF-10282025**	**DL**	**LOD**	**LOQ**
Perfluorinated Compounds	**Method**	**UNITS**										
Perfluorobutanoic acid (PFBA)	EPA 537.1 M	ng/L	1.6 U	30	32	30	24	1.1 J	1.6 U	0.8	1.8	2.3
Perfluoropentanoic acid (PFPeA)	EPA 537.1 M	ng/L	1.6 U	96	99	80	53	1.6 U	1.6 U	0.58	1.8	2.3
Perfluorohexanoic acid (PFHxA)	EPA 537.1 M	ng/L	1.6 U	77	79	59	33	1.6 U	1.6 U	0.59	1.8	2.3
Perfluoroheptanoic acid (PFHpA)	EPA 537.1 M	ng/L	1.6 U	36	37	24	13	1.6 U	1.6 U	0.57	1.8	2.3
Perfluorooctanoic acid (PFOA)	EPA 537.1 M	ng/L	1.6 U	29	29	13	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	7.7	7.9	2.7	1.6 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	7	7	3.9	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	0.83 J	0.95 J	0.55 J (1)	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	0.80 J	0.71 J (2)	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	13	13	9.3	5.1	1.6 U	1.6 U	0.74	1.8	2.3
Perfluoropentanesulfonic acid PFPeS	EPA 537.1 M	ng/L	1.6 U	18	19	12	5.8	1.6 U	1.6 U	0.73	1.8	2.3
Perfluorohexanesulfonic acid(PFHxS)	EPA 537.1 M	ng/L	1.2 U	83	84	54	26	1.2 U	1.2 U	0.42	1.4	2.3
Perfluoroheptanesulfonic acid PFHpS	EPA 537.1 M	ng/L	1.6 U	4.2	4.3	2.3	1.1 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	170 (3)	190 (3)	110 (3)	43	0.91 J	0.95 J	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	1.7 J	1.8 J	1.2 J	0.80 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	67	70	21	8.3	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	8	8.7	3.4 J	1.7 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) Result is estimated as analyte confirmation criterion (signal to noise) was not met.

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

(3) 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

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

SANGB = Stewart Air National Guard Base

Sample SANG-FB-10282025 is a field blank.

Sample SANG-INF-10282025 D is a field duplicate of SANG-INF-10282025 .

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 D GAC Unit 1

PEDG2 = post E port D train GAC Unit 2

PEDR1 = post E port D 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

C5E0093V1 - 11/04/2025

RESULTS OF ANALYSES OF WATER **VALIDATED DATA**

Bureau Veritas ID			AWZM15	AWZM20	AWZM21	AWZM19	AWZM18	AWZM17	AWZM16			
Sampling Date			2025/11/04 10:00	2025/11/04 10:25	2025/11/04 10:25	2025/11/04 10:20	2025/11/04 10:15	2025/11/04 10:10	2025/11/04 10:05			
Sample ID			**SANG-FB-11042025**	**SANG-INF-11042025**	**SANG-INF-11042025D**	**SANG-PEAG1-11042025**	**SANG-PEAG2-11042025**	**SANG-PEAR1-11042025**	**SANG-EFF-11042025**	**DL**	**LOD**	**LOQ**
Perfluorinated Compounds	**Method**	**UNITS**										
Perfluorobutanoic acid (PFBA)	EPA 537.1 M	ng/L	1.6 U	28	28	30	26	1.6 J	2	0.8	1.8	2.3
Perfluoropentanoic acid (PFPeA)	EPA 537.1 M	ng/L	1.6 U	85	90	77	63	1.6 U	1.6 U	0.58	1.8	2.3
Perfluorohexanoic acid (PFHxA)	EPA 537.1 M	ng/L	1.6 U	66	72	59	44	1.6 U	1.6 U	0.59	1.8	2.3
Perfluoroheptanoic acid (PFHpA)	EPA 537.1 M	ng/L	1.6 U	37	38	31	21	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	30	23	16	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	7.9	6.6	4.3	1.6 U	1.6 U	0.57	1.8	2.3
Perfluorodecanoic acid (PFDA)	EPA 537.1 M	ng/L	1.2 U	7.1	6.9	5.1	2.9	1.2 U	1.2 U	0.44	1.4	2.3
Perfluoroundecanoic acid (PFUnA)	EPA 537.1 M	ng/L	1.6 U	1.0 J	0.97 J	0.62 J	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	11	11	8.6	5.7	1.6 U	1.6 U	0.74	1.8	2.3
Perfluoropentanesulfonic acid PFPeS	EPA 537.1 M	ng/L	1.6 U	11	12	7.9	4.9	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	78	58	34	1.2 U	1.2 U	0.42	1.4	2.3
Perfluoroheptanesulfonic acid PFHpS	EPA 537.1 M	ng/L	1.6 U	3.5	3.3	2.6	1.5 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	200 (1)	180 (1)	140 (1)	85	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	1.2 J	1.2 J	0.91 J	0.77 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	72	76	48	28	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	16	15	5.3	2.2 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

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

SANGB = Stewart Air National Guard Base

Sample SANG-FB-11042025 is a field blank.

Sample SANG-INF-11042025 D is a field duplicate of SANG-INF-11042025 .

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 A GAC Unit 1

PEAG2 = post E port A train GAC Unit 2

PEAR1 = post E port A 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

C5E3185V1 - 11/11/2025

RESULTS OF ANALYSES OF WATER **VALIDATED DATA**

		Bureau Veritas ID	AXFV81	AXFV86	AXFV87	AXFV85	AXFV84	AXFV83	AXFV82			
		Sampling Date	2025/11/11 09:45	2025/11/11 10:10	2025/11/11 10:10	2025/11/11 10:05	2025/11/11 10:00	2025/11/11 09:55	2025/11/11 09:50			
		Sample ID	**SANG-FB-11112025**	**SANG-INF-11112025**	**SANG-INF-11112025D**	**SANG-PEBG1-11112025**	**SANG-PEBG2-11112025**	**SANG-PEBR1-11112025**	**SANG-EFF-11112025**	**DL**	**LOD**	**LOQ**
Perfluorinated Compounds	**Method**	**UNITS**										
Perfluorobutanoic acid (PFBA)	EPA 537.1 M	ng/L	1.6 U	17	16	18	18	1.8 J	3	0.7	1.6	2
Perfluoropentanoic acid (PFPeA)	EPA 537.1 M	ng/L	1.6 U	52	49	53	46	1.6 U	1.6 U	0.51	1.6	2
Perfluorohexanoic acid (PFHxA)	EPA 537.1 M	ng/L	1.6 U	43	37	39	30	1.6 U	1.6 U	0.52	1.6	2
Perfluoroheptanoic acid (PFHpA)	EPA 537.1 M	ng/L	1.6 U	23	20	18	13	1.6 U	1.6 U	0.5	1.6	2
Perfluorooctanoic acid (PFOA)	EPA 537.1 M	ng/L	1.6 U	18	16	14	9.3	1.6 U	1.6 U	0.71	1.6	2
Perfluorononanoic acid (PFNA)	EPA 537.1 M	ng/L	1.6 U	5.3	4.7	4	2.5	1.6 U	1.6 U	0.5	1.6	2
Perfluorodecanoic acid (PFDA)	EPA 537.1 M	ng/L	1.2 U	5	4.5	4.7	3.4	1.2 U	1.2 U	0.39	1.2	2
Perfluoroundecanoic acid (PFUnA)	EPA 537.1 M	ng/L	1.6 U	0.61 J	1.6 U	0.52 J	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	0.83 J	0.66 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	7	6.3	5.7	3.8	1.6 U	1.6 U	0.65	1.6	2
Perfluoropentanesulfonic acid PFPeS	EPA 537.1 M	ng/L	1.6 U	7.2	7.2	5.1	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	45	40	33	21	1.2 U	1.2 U	0.37	1.2	2
Perfluoroheptanesulfonic acid PFHpS	EPA 537.1 M	ng/L	1.6 U	2.1	1.8 J	1.8 J	1.1 J	1.6 U	1.6 U	0.48	1.6	2
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1 M	ng/L	1.6 U	110 (1)	110 (1)	89	52	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	0.92 J	0.77 J	0.57 J	0.56 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	40	36	23	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	10	8.9	7.1	3.9 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.

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

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

SANGB = Stewart Air National Guard Base

Sample SANG-FB-11112025 is a field blank.

Sample SANG-INF-11112025 D is a field duplicate of SANG-INF-11112025 .

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

C5E6627V1 - 11/18/2025

RESULTS OF ANALYSES OF WATER **VALIDATED DATA**

		Bureau Veritas ID	AXMR92	AXMR97	AXMR98	AXMR96	AXMR95	AXMR94	AXMR93			
		Sampling Date	2025/11/18 08:30	2025/11/18 09:10	2025/11/18 09:10	2025/11/18 09:00	2025/11/18 08:52	2025/11/18 08:45	2025/11/18 08:38			
		Sample ID	**SANG-FB-11182025**	**SANG-INF-11182025**	**SANG-INF-11182025D**	**SANG-PECG1-11182025**	**SANG-PECG2-11182025**	**SANG-PECR1-11182025**	**SANG-EFF-11182025**	**DL**	**LOD**	**LOQ**
Perfluorinated Compounds	**Method**	**UNITS**										
Perfluorobutanoic acid (PFBA)	EPA 537.1 M	ng/L	1.6 U	19	20	24	21	5.3	5.3	0.7	1.6	2
Perfluoropentanoic acid (PFPeA)	EPA 537.1 M	ng/L	1.6 U	61	66	56	47	1.5 J	1.1 J	0.51	1.6	2
Perfluorohexanoic acid (PFHxA)	EPA 537.1 M	ng/L	1.6 U	50	52	41	33	1.6 U	1.6 U	0.52	1.6	2
Perfluoroheptanoic acid (PFHpA)	EPA 537.1 M	ng/L	1.6 U	25	27	21	15	1.6 U	1.6 U	0.5	1.6	2
Perfluorooctanoic acid (PFOA)	EPA 537.1 M	ng/L	1.6 U	21	22	16	11	1.6 U	1.6 U	0.71	1.6	2
Perfluorononanoic acid (PFNA)	EPA 537.1 M	ng/L	1.6 U	6.1	6.7	5.1	3.4	1.6 U	1.6 U	0.5	1.6	2
Perfluorodecanoic acid (PFDA)	EPA 537.1 M	ng/L	1.2 U	5.4	5.7	4.1	2.8	1.2 U	1.2 U	0.39	1.2	2
Perfluoroundecanoic acid (PFUnA)	EPA 537.1 M	ng/L	1.6 U	0.72 J	0.78 J	0.68 J	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	0.63 J	0.67 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	9.1	10	7.4	5	1.6 U	1.6 U	0.65	1.6	2
Perfluoropentanesulfonic acid PFPeS	EPA 537.1 M	ng/L	1.6 U	9.8	11	7.4	4.7	1.6 U	1.6 U	0.64	1.6	2
Perfluorohexanesulfonic acid(PFHxS)	EPA 537.1 M	ng/L	1.2 U	54	60	43	27	1.2 U	1.2 U	0.37	1.2	2
Perfluoroheptanesulfonic acid PFHpS	EPA 537.1 M	ng/L	1.6 U	2.7	3	2.1	1.5 J	1.6 U	1.6 U	0.48	1.6	2
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1 M	ng/L	1.6 U	160 (1)	170 (1)	100 (1)	63	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	1.0 J	1.2 J	0.88 J	0.68 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	52	58	36	22	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	12	5.5	3.6 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.

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

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

SANGB = Stewart Air National Guard Base

Sample SANG-FB-11182025 is a field blank.

Sample SANG-INF-11182025 D is a field duplicate of SANG-INF-11182025 .

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 C GAC Unit 1

PECG2 = post E port C train GAC Unit 2

PECR1 = post E port C 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

C5E9335V1 - 11/24/2025

RESULTS OF ANALYSES OF WATER **VALIDATED DATA**

		Bureau Veritas ID	AXSA31	AXSA36	AXSA37	AXSA35	AXSA34	AXSA33	AXSA32			
		Sampling Date	2025/11/24 08:00	2025/11/24 08:25	2025/11/24 08:25	2025/11/24 08:20	2025/11/24 08:15	2025/11/24 08:10	2025/11/24 08:05			
		Sample ID	**SANG-FB-11242025**	**SANG-INF-11242025**	**SANG-INF-11242025D**	**SANG-PEDG1-11242025**	**SANG-PEDG2-11242025**	**SANG-PEDR1-11242025**	**SANG-EFF-11242025**	**DL**	**LOD**	**LOQ**
Perfluorinated Compounds	**Method**	**UNITS**										
Perfluorobutanoic acid (PFBA)	EPA 537.1 M	ng/L	1.6 U	26	21	28	26	12	9.4	0.7	1.6	2
Perfluoropentanoic acid (PFPeA)	EPA 537.1 M	ng/L	1.6 U	75	73	72	59	2.2	2.0 J	0.51	1.6	2
Perfluorohexanoic acid (PFHxA)	EPA 537.1 M	ng/L	1.6 U	60	64	55	45	1.6 U	1.6 U	0.52	1.6	2
Perfluoroheptanoic acid (PFHpA)	EPA 537.1 M	ng/L	1.6 U	31	31	27	21	1.6 U	1.6 U	0.5	1.6	2
Perfluorooctanoic acid (PFOA)	EPA 537.1 M	ng/L	1.6 U	26	25	21	15	1.6 U	1.6 U	0.71	1.6	2
Perfluorononanoic acid (PFNA)	EPA 537.1 M	ng/L	1.6 U	6.7	7	5.6	4	1.6 U	1.6 U	0.5	1.6	2
Perfluorodecanoic acid (PFDA)	EPA 537.1 M	ng/L	1.2 U	6.3	6.1	4.9	3.3	1.2 U	1.2 U	0.39	1.2	2
Perfluoroundecanoic acid (PFUnA)	EPA 537.1 M	ng/L	1.6 U	0.68 J	0.73 J	0.60 J	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	0.65 J	1.6 U	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	13	13	10	7.5	1.6 U	1.6 U	0.65	1.6	2
Perfluoropentanesulfonic acid PFPeS	EPA 537.1 M	ng/L	1.6 U	13	13	11	6.1	1.6 U	1.6 U	0.64	1.6	2
Perfluorohexanesulfonic acid(PFHxS)	EPA 537.1 M	ng/L	1.2 U	77	75	63	42	1.2 U	1.2 U	0.37	1.2	2
Perfluoroheptanesulfonic acid PFHpS	EPA 537.1 M	ng/L	1.6 U	3.5	3.5	2.9	1.9 J	1.6 U	1.6 U	0.48	1.6	2
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1 M	ng/L	1.6 U	230 (1)	230 (1)	150 (1)	95 (1)	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	1.3 J	1.3 J	1.1 J	0.63 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	66	66	49	33	1.2 U	0.38 J	0.37	1.2	4
8:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	15	14	8.6	5.7	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

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

SANGB = Stewart Air National Guard Base

Sample SANG-FB-11242025 is a field blank.

Sample SANG-INF-11242025 D is a field duplicate of SANG-INF-11242025 .

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 D GAC Unit 1

PEDG2 = post E port D train GAC Unit 2

PEDR1 = post E port D 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

C5F3763V1 - 12/02/2025

RESULTS OF ANALYSES OF WATER **VALIDATED DATA**

		Bureau Veritas ID	AYAR99	AYAS04	AYAS05	AYAS03	AYAS02	AYAS01	AYAS00			
		Sampling Date	2025/12/02 08:00	2025/12/02 08:25	2025/12/02 08:25	2025/12/02 08:20	2025/12/02 08:15	2025/12/02 08:10	2025/12/02 08:05			
		Sample ID	**SANG-FB-1202025**	**SANG-INF-12022025**	**SANG-INF-12022025D**	**SANG-PEAG1-12022025**	**SANG-PEAG2-12022025**	**SANG-PEAR1-12022025**	**SANG-EFF-12022025**	**DL**	**LOD**	**LOQ**
Perfluorinated Compounds	**Method**	**UNITS**										
Perfluorobutanoic acid (PFBA)	EPA 537.1 M	ng/L	1.6 U	26	25	24	24	12	12	0.78	1.8	2.2
Perfluoropentanoic acid (PFPeA)	EPA 537.1 M	ng/L	1.6 U	77	75	63	56	2.6	2.7	0.57	1.8	2.2
Perfluorohexanoic acid (PFHxA)	EPA 537.1 M	ng/L	1.6 U	59	57	47	38	1.8 U	0.62 J	0.58	1.8	2.2
Perfluoroheptanoic acid (PFHpA)	EPA 537.1 M	ng/L	1.6 U	31	29	24	18	1.8 U	1.8 U	0.56	1.8	2.2
Perfluorooctanoic acid (PFOA)	EPA 537.1 M	ng/L	1.6 U	27	25	19	14	1.8 U	1.8 U	0.79	1.8	2.2
Perfluorononanoic acid (PFNA)	EPA 537.1 M	ng/L	1.6 U	6.5	6.4	5	3.8	1.8 U	1.8 U	0.56	1.8	2.2
Perfluorodecanoic acid (PFDA)	EPA 537.1 M	ng/L	1.2 U	5	4.5	4.3	3.2	1.3 U	1.3 U	0.43	1.3	2.2
Perfluoroundecanoic acid (PFUnA)	EPA 537.1 M	ng/L	1.6 U	0.55 J	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	13	12	10	7.1	1.8 U	1.8 U	0.72	1.8	2.2
Perfluoropentanesulfonic acid PFPeS	EPA 537.1 M	ng/L	1.6 U	15	14	10	6.5	1.8 U	1.8 U	0.71	1.8	2.2
Perfluorohexanesulfonic acid(PFHxS)	EPA 537.1 M	ng/L	1.2 U	78	73	58	39	1.3 U	1.3 U	0.41	1.3	2.2
Perfluoroheptanesulfonic acid PFHpS	EPA 537.1 M	ng/L	1.6 U	3.4	3.3	2.6	1.8 J	1.8 U	1.8 U	0.53	1.8	2.2
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1 M	ng/L	1.6 U	200 (1)	190 (1)	140 (1)	95	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	1.5 J	1.7 J	1.2 J	0.98 J	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	68	63	44	30	0.55 J	0.65 J	0.41	1.3	4.4
8:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	12	12	6.8	3.8 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

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

SANGB = Stewart Air National Guard Base

Sample SANG-FB-12022025 is a field blank.

Sample SANG-INF-12022025 D is a field duplicate of SANG-INF-12022025 .

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 A GAC Unit 1

PEAG2 = post E port A train GAC Unit 2

PEAR1 = post E port A 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

C5F6737V1 - 12/16/2025

RESULTS OF ANALYSES OF WATER **VALIDATED DATA**

Bureau Veritas ID			AYGP42	AYLQ29	AYRR15	AYGP44	AYLQ31	AYRR17	AYGP43	AYLQ30	AYRR16			
Sampling Date			2025/12/09 08:00	2025/12/16 08:00	2025/12/22 07:45	2025/12/09 08:10	2025/12/16 08:10	2025/12/22 07:55	2025/12/09 08:05	2025/12/16 08:05	2025/12/22 07:50			
Sample ID			**SANG-FB-12092025**	**SANG-FB-12162025**	**SANG-FB-12222025**	**SANG-INF-12092025**	**SANG-INF-12162025**	**SANG-INF- 12222025**	**SANG-EFF-12092025**	**SANG-EFF-12162025**	**SANG-EFF-12222025**	**DL**	**LOD**	**LOQ**
Perfluorinated Compounds	**Method**	**UNITS**												
Perfluorobutanoic acid (PFBA)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	35	37	19	25	32	5.9	0.78	1.8	2.2
Perfluoropentanoic acid (PFPeA)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	93	100	61	7.4	12	1.4 J	0.57	1.8	2.2
Perfluorohexanoic acid (PFHxA)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	73	82	47	1.2 J (1)	2.4	1.7 U	0.58	1.8	2.2
Perfluoroheptanoic acid (PFHpA)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	36	39	28	0.52 J	0.71 J	1.7 U	0.56	1.8	2.2
Perfluorooctanoic acid (PFOA)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	32	34	23	1.6 U	1.8 U	1.7 U	0.79	1.8	2.2
Perfluorononanoic acid (PFNA)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	8.2	8.5	6.7	1.6 U	1.8 U	1.7 U	0.56	1.8	2.2
Perfluorodecanoic acid (PFDA)	EPA 537.1 M	ng/L	1.2 U	1.2 U	1.2 U	7.1	7.6	5.8	1.2 U	1.3 U	1.2 U	0.44	1.3	2.2
Perfluoroundecanoic acid (PFUnA)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	0.79 J	0.88 J	0.76 J	1.6 U	1.8 U	1.7 U	0.54	1.8	2.2
Perfluorododecanoic acid (PFDoA)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	0.73 J	0.92 J	0.74 J	1.6 U	1.8 U	1.7 U	0.66	1.8	2.2
Perfluorotridecanoic acid (PFTrDA)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.8 U	1.7 U	1.6 U	1.8 U	1.7 U	0.51	1.8	2.2
Perfluorotetradecanoic acid(PFTeDA)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.2 J	1.7 U	1.6 U	1.8 U	1.7 U	0.6	1.8	2.2
Perfluorobutanesulfonic acid (PFBS)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	14	16	8.5	1.6 U	1.8 U	1.7 U	0.73	1.8	2.2
Perfluoropentanesulfonic acid PFPeS	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	16	19	9.5	1.6 U	1.8 U	1.7 U	0.71	1.8	2.2
Perfluorohexanesulfonic acid(PFHxS)	EPA 537.1 M	ng/L	1.2 U	1.2 U	1.2 U	86	93	59	1.2 U	1.3 U	1.2 U	0.41	1.3	2.2
Perfluoroheptanesulfonic acid PFHpS	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	3.7	4.6	2.0 J	1.6 U	1.8 U	1.7 U	0.54	1.8	2.2
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	310 (2)	270 (1)	140 (1)	1.6 U	1.8 U	1.7 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	1.8 U	1.7 U	1.6 U	1.8 U	1.7 U	0.63	1.8	2.2
Perfluorodecanesulfonic acid (PFDS)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.8 U	1.7 U	1.6 U	1.8 U	1.7 U	0.77	1.8	2.2
Perfluorooctane Sulfonamide (PFOSA)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	0.69 J	0.75 J (2)	1.7 U	1.6 U	1.8 U	1.7 U	0.61	1.8	4.5
MeFOSAA	EPA 537.1 M	ng/L	2.8 U	2.8 U	2.8 U	2.8 U	3.1 U	2.9 U	2.8 U	3.1 U	2.9 U	0.88	3.1	4.5
EtFOSAA	EPA 537.1 M	ng/L	2.8 U	2.8 U	2.8 U	2.8 U	3.1 U	2.9 U	2.8 U	3.1 U	2.9 U	1.1	3.1	4.5
4:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.5 J	1.5 J	0.78 J	1.6 U	1.8 U	1.7 U	0.49	1.8	4.5
6:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.2 U	1.2 U	1.2 U	70	77	43	0.93 J	1.6 J	1.3 U	0.41	1.3	4.5
8:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	16	16	11	0.50 J	1.8 U	1.7 U	0.54	1.8	4.5
Hexafluoropropyleneoxide dimer acid	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.8 U	1.7 U	1.6 U	1.8 U	1.7 U	0.57	1.8	4.5
4,8-Dioxa-3H-perfluorononanoic acid	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	0.60 J	1.7 U	1.6 U	1.8 U	1.7 U	0.55	1.8	4.5
9Cl-PF3ONS (F-53B Major)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.8 U	1.7 U	1.6 U	1.8 U	1.7 U	0.66	1.8	4.5
11Cl-PF3OUdS (F-53B Minor)	EPA 537.1 M	ng/L	1.6 U	1.6 U	1.6 U	1.6 U	1.8 U	1.7 U	1.6 U	1.8 U	1.7 U	0.46	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.

(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

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

FB= Field Blank

Influent (INF) = Untreated water from Recreational Pond

INF = Influent

ISWTS = Interim Storm Water Treatment System

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

LOD = Limit of Detection

LOQ = Limit of Quantitation

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

SANGB = Stewart Air National Guard Base

Samples SANG-FB-12092025, 12162025 and 12222025 are field blanks.

C5G2654V1 - 12/29/2025

RESULTS OF ANALYSES OF WATER **VALIDATED DATA**

		Bureau Veritas ID	AYSY15	AYSY20	AYSY21	AYSY19	AYSY18	AYSY17	AYSY16			
		Sampling Date	2025/12/29 11:30	2025/12/29 11:55	2025/12/29 11:55	2025/12/29 11:50	2025/12/29 11:45	2025/12/29 11:40	2025/12/29 11:35			
		Sample ID	**SANG-FB-12292025**	**SANG-INF-12292025**	**SANG-INF-12292025D**	**SANG-PEAG1-12292025**	**SANG-PEAG2-12292025**	**SANG-PEAR1-12292025**	**SANG-EFF-120292025**	**DL**	**LOD**	**LOQ**
Perfluorinated Compounds	**Method**	**UNITS**										
Perfluorobutanoic acid (PFBA)	EPA 537.1 M	ng/L	1.8 U	25	26	4.2	1.8 U	1.8 U	1.8 U	0.78	1.8	2.2
Perfluoropentanoic acid (PFPeA)	EPA 537.1 M	ng/L	1.8 U	80	85	9.2	1.8 U	1.8 U	1.8 U	0.57	1.8	2.2
Perfluorohexanoic acid (PFHxA)	EPA 537.1 M	ng/L	1.8 U	66	68	5.9	1.8 U	1.8 U	1.8 U	0.58	1.8	2.2
Perfluoroheptanoic acid (PFHpA)	EPA 537.1 M	ng/L	1.8 U	34	35	3	1.8 U	1.8 U	1.8 U	0.56	1.8	2.2
Perfluorooctanoic acid (PFOA)	EPA 537.1 M	ng/L	1.8 U	27	28	2.3	1.8 U	1.8 U	1.8 U	0.79	1.8	2.2
Perfluorononanoic acid (PFNA)	EPA 537.1 M	ng/L	1.8 U	7.4	7.4	0.81 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	1.3 U	6.7	6.4	0.71 J	1.3 U	1.3 U	1.3 U	0.44	1.3	2.2
Perfluoroundecanoic acid (PFUnA)	EPA 537.1 M	ng/L	1.8 U	0.88 J	0.88 J	1.8 U	1.8 U	1.8 U	1.8 U	0.54	1.8	2.2
Perfluorododecanoic acid (PFDoA)	EPA 537.1 M	ng/L	1.8 U	0.72 J	0.73 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	13	13	0.78 J	1.8 U	1.8 U	1.8 U	0.73	1.8	2.2
Perfluoropentanesulfonic acid PFPeS	EPA 537.1 M	ng/L	1.8 U	13	13	1.8 U	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	75	78	3.2	1.3 U	1.3 U	1.3 U	0.41	1.3	2.2
Perfluoroheptanesulfonic acid PFHpS	EPA 537.1 M	ng/L	1.8 U	3.4	3.4	1.8 U	1.8 U	1.8 U	1.8 U	0.54	1.8	2.2
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1 M	ng/L	1.8 U	200 (1)	220 (1)	10	1.8 U	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	0.63	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	4.5
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	4.5
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	4.5
4:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.8 U	1.4 J	1.1 J	1.8 U	1.8 U	1.8 U	1.8 U	0.49	1.8	4.5
6:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.3 U	64	69	3.5 J	1.3 U	1.3 U	1.3 U	0.41	1.3	4.5
8:2 Fluorotelomer sulfonic acid	EPA 537.1 M	ng/L	1.8 U	14	16	1.3 J	0.61 J	1.8 U	1.8 U	0.54	1.8	4.5
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	4.5
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	0.55	1.8	4.5
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	4.5
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	4.5

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

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

SANGB = Stewart Air National Guard Base

Sample SANG-FB-12292025 is a field blank.

Sample SANG-INF-12292025 D is a field duplicate of SANG-INF-12292025 .

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 A GAC Unit 1

PEAG2 = post E port A train GAC Unit 2

PEAR1 = post E port A 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

Glycols				
Sample Parameter/Sample ID	**Sampling Date**	**Influent (SANG-INF-11242025 mg/L)**	**PBG2 Effluent (SANG-PEAG2-11242025 mg/L)**	**Effluent (SANG-EFF-11242025 mg/L)**
Diethylene glycol	11/24/2025	<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	11/24/2025	3.00	2.1	1.9

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	Media Change Out	Other
10/1/2025		Secondary bags Regular 10 micron	Primary Carbon vessels A1, B1, C1, & D1			
10/2/2025		Secondary bags Regular 10 micron				Inspected all four Resin Vessels in Trains A, B, C and D. Leveled mounded resin in each vessel.
10/3/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron				
10/6/2025		Secondary bags Regular 10 micron				
10/7/2025	Primary bags Regular 25 micron	Secondary bags Regular 10 micron				
10/8/2025		Secondary bags Regular 10 micron	Primary Carbon vessels A1, B1, C1, & D1			
10/9/2025		Secondary bags Regular 10 micron		Fine Sand Filters 4A/4B		Clean Unit Heaters
10/10/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron				Planned SANGB Power Outage
10/13/2025		Secondary bags Regular 10 micron				
10/15/2025			Primary Carbon vessels A1, B1, C1, & D1			
10/16/2025		Secondary bags Regular 10 micron				
10/17/2025	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	Media Change Out	Other
10/20/2025		Secondary bags Regular 10 micron				
10/21/2025	Primary bags Regular 25 micron	Secondary bags Regular 10 micron				
10/22/2025		Secondary bags Regular 10 micron	Primary Carbon vessels A1, B1, C1, & D1			
10/23/2025			Secondary Carbon vessels A2, B2, C2, & D2			
10/24/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron				
10/27/2025						Planned SANGB Power Outage
10/28/2025	Primary bags Regular 25 micron	Secondary bags Regular 10 micron				
10/29/2025			Primary Carbon vessels A1, B1, C1, & D1			
10/30/2025		Secondary bags Regular 10 micron		Fine Sand Filters 5A/5B		
10/31/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron				
11/3/2025						Pressure washed bag filter housings & cages
11/5/2025			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	Media Change Out	Other
11/6/2025				Coarse Sand Filters 1A/1B		
11/7/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron				
11/12/2025			Primary Carbon vessels A1, B1, C1, & D1			Remove Ultrasonic from pond. Intake pump maintenance
11/13/2025		Secondary bags Regular 10 micron		Coarse Sand Filters 2A/2B		
11/14/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron				
11/19/2025				Fine Sand Filters 3A/3B		
11/20/2025			Primary Carbon vessels A1, B1, C1, & D1			
11/21/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron				
11/24/2025						
11/25/2025				Fine Sand Filters 4A/4B		
11/26/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron	Primary Carbon vessels A1, B1, C1, & D1			
12/2/2025	Primary bags Regular 25 micron	Secondary bags Regular 10 micron				
12/3/2025			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	Media Change Out	Other
12/4/2025				Fine Sand Filters 5A/5B		
12/5/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron				
12/9/2025					Replaced media in Coarse Sand filters 1A/1B with 2.5 cu.ft. gravel and 8 cu.ft. coarse sand.	
12/10/2025					Replaced media in Coarse Sand filters 2A/2B and Fine Sand filters 3A/3B with 2.5 cu.ft. gravel each and 8 cu.ft. coarse sand in 2A/2B and 8 cu. Ft. of fine sand in 3A/3B.	
12/11/2025	Primary bags Regular 25 micron	Secondary bags Regular 10 micron			Replaced media in Fine Sand filters 4A/4B with 2.5 cu.ft. gravel and 8 cu.ft. fine sand.	
12/12/2025	Primary bags Regular 25 micron Primary bags Pleated 25 micron	Secondary bags Regular 10 micron Secondary bags Pleated 10 micron			Replaced media in Fine Sand filters 5A/5B with 2.5 cu.ft. gravel and 8 cu.ft. fine sand.	Intake pump froze following alarm shut down. Unfroze pump to restart system
12/13/2025					Remove GAC/IX media from Treatment Train D, (D2 GAC and resin vessels). No media installed due to equipment freezing issues.	
12/15/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron			Remove GAC media from Treatment Train D (Vessel D1). Install ≈2,500 lbs of virgin F-400 carbon in (D1 & D2), fill with water & degas overnight. No media installed in Train D resin because media was frozen.	
12/16/2025	Primary bags Regular 25 micron		Primary & Secondary Carbon vessels D1& D2 initial		Install ≈ 15 cubic feet of Anthracite and ≈65 CF of PFA-694 Resin in Train D 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	Media Change Out	Other
12/17/2025	Primary bags Regular 25 micron	Secondary bags Regular 10 micron			Remove GAC & IX media from Treatment Train C. Install ≈2,500 lbs of virgin F-400 carbon in (D1 & D2), fill with water & degas overnight. Install ≈ 15 cubic feet of Anthracite and ≈65 CF of PFA-694 Resin in Train C Resin vessel	Install 8 Metal leg supports at Train C, GAC C1 and Resin Vessels due to floor failure
12/18/2025	Primary bags Regular 25 micron	Secondary bags Regular 10 micron	Primary & Secondary Carbon vessels C1& C2 initial			
12/19/2025	Primary bags Regular 25 micron					
12/20/2025	Primary bags Pleated 25 micron	Secondary bags Pleated 10 micron			Remove GAC & IX media from Treatment Train A. Install ≈2,500 lbs of virgin F-400 carbon in (A1 & A2), fill with water & degas overnight. Install ≈ 15 cubic feet of Anthracite and ≈65 CF of PFA-694 Resin in Train A Resin vessel	
12/22/2025			Primary & Secondary Carbon vessels A1& A2 initial		Remove GAC & IX media from Treatment Train B. Install ≈2,500 lbs of virgin F-400 carbon in (B1 & B2), fill with water & degas overnight.	
12/23/2025			Primary & Secondary Carbon vessels B1& B2 initial		Install ≈ 15 cubic feet of Anthracite and ≈65 CF of PFA-694 Resin in Train B Resin vessel. Media Exchange Complete.	
12/24/2025	Primary bags Regular 25 micron					Rebuilt Bubbler Air Compressor
12/26/2025	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	Media Change Out	Other
12/29/2025	Primary bags Regular 25 micron					
12/30/2025		Secondary bags Regular 10 micron				
12/31/2025			Primary Carbon vessels A1, B1, C1, & D1			

FIGURES

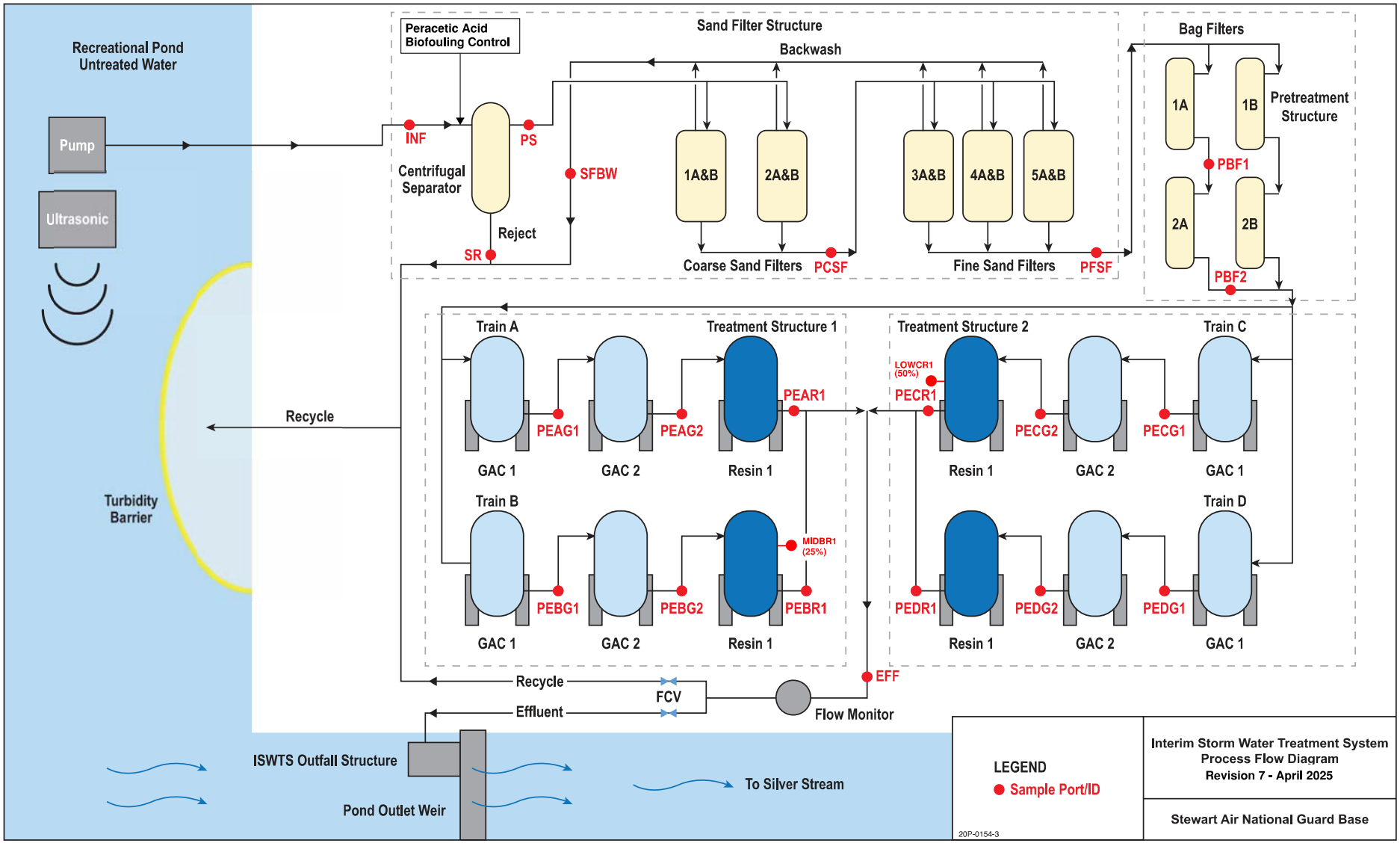

Recreational Pond
Untreated Water
Pump
Ultrasonic
Turbidity
Barrier
Peracetic Acid
Biofouling Control
Sand Filter Structure
Backwash
INF
PS
Centrifugal
Separator
SFBW
Reject
SR
1A&B
2A&B
3A&B
4A&B
5A&B
Coarse Sand Filters
PCSF
Fine Sand Filters
PFSF
Bag Filters
1A
1B
Pretreatment
Structure
PBF1
2A
2B
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

October to December 2025

ISWTS SANGB - RECREATION POND LEVEL

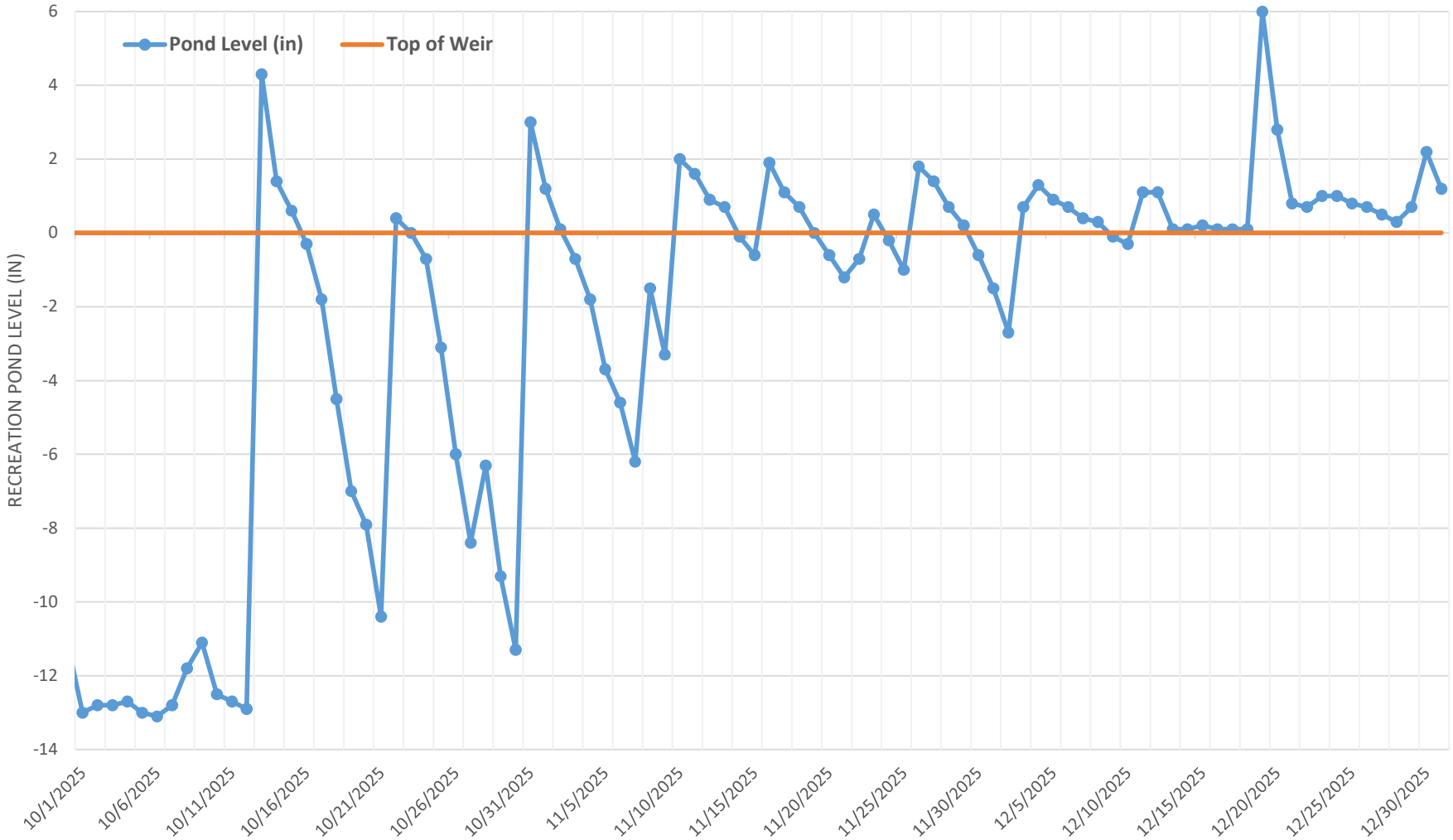
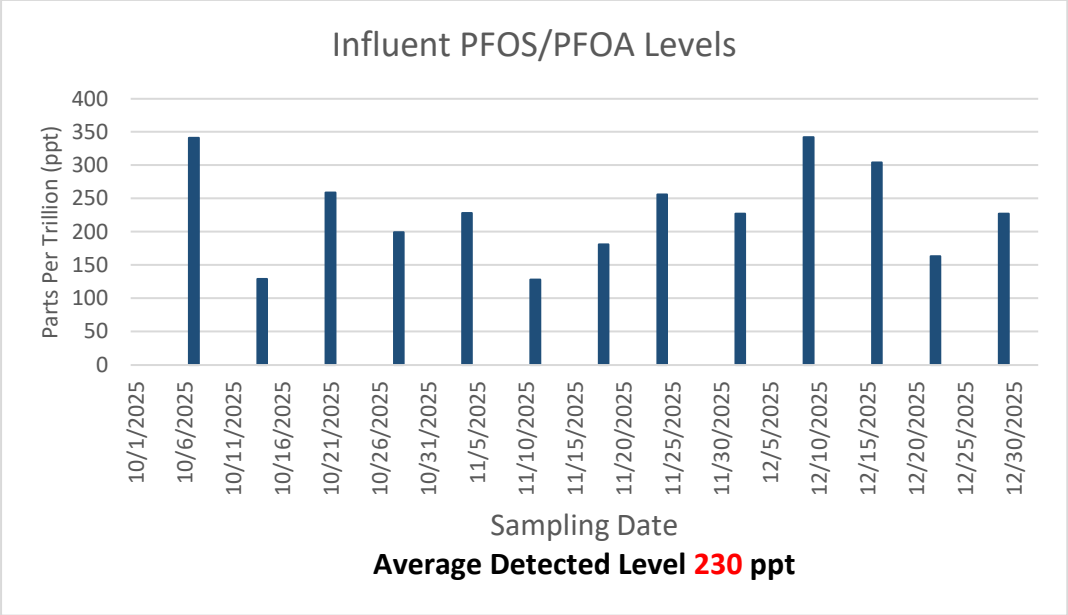
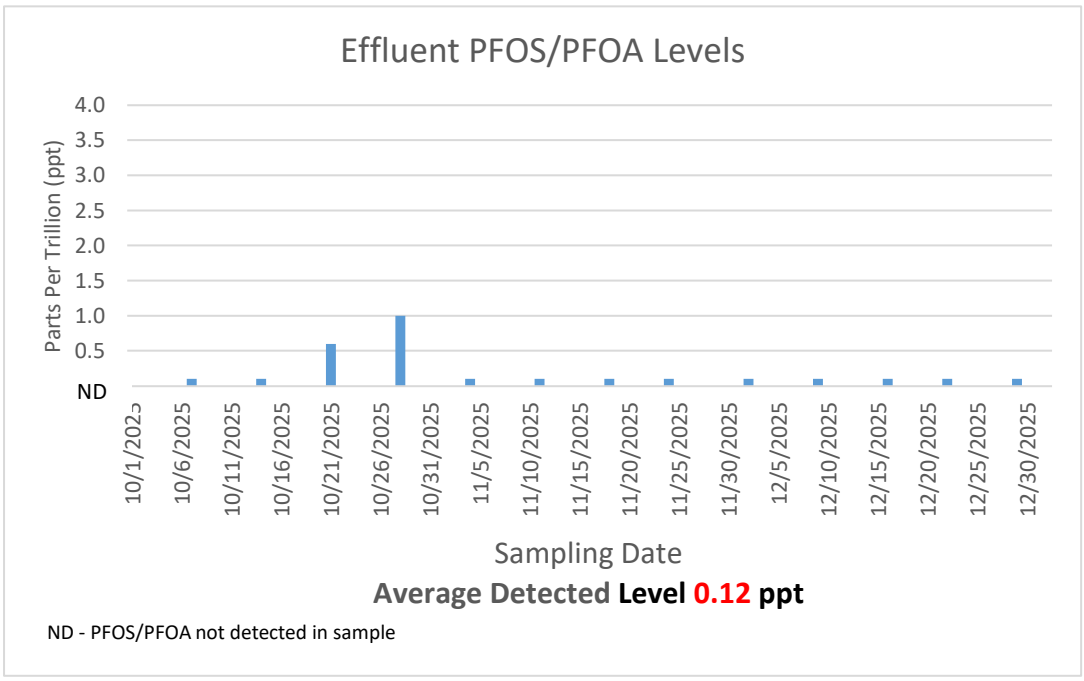


FIGURE 3 - INFLUENT AND EFFLUENT PFOS AND PFOA CHARTS



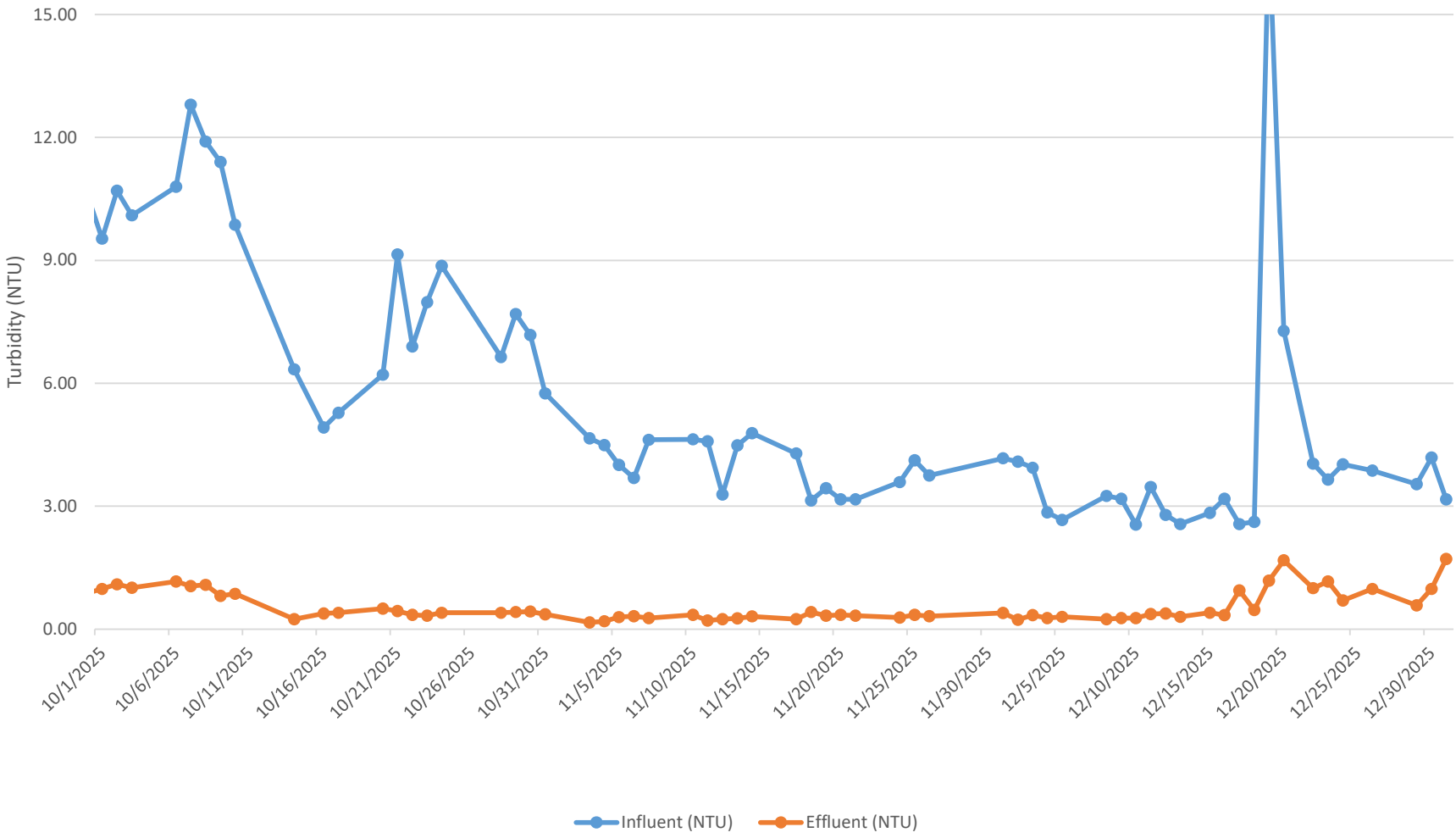


ND - PFOS/PFOA not detected in sample

FIGURE - 4 - INFLUENT AND EFFLUENT TURBIDITY CHART

October to December 2025

Influent and Effluent Turbidity



ATTACHMENT 1

Waste Disposal

ONION EQUIPMENT COMPANY

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

November 6, 2025

Re: Stewart ANG December 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 December 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: February 4, 2026

Service Order # 60101496

CCC CAN Number: 6973N / 19-03U-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

REPUBLIC
SERVICES

Certificate of Disposal

This certificate is to verify the wastes specified on Manifest # 19-03U-2 has been properly disposed of in accordance with local, state and federal regulation.

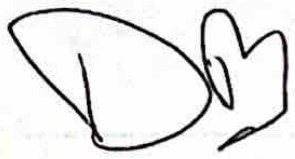
"Disposed of" means either: 1) Burial or 2) Processed as specified in 40CFR et sea.

Disposal Facility:

Wayne Disposal, Inc. (EPA ID# MID048090633)

49350 N I-94 Service Drive - Bellville, Michigan 48111

Phone: 800-592-5489

Authorized Signature: 

Non-Hazardous Waste Manifest

GENERATOR SECTION

Non-Hazardous Waste Manifest	Generator ID Number	Waste Profile Number	Waste Tracking (Manifest) Number
	NYD981183338	6973N	19-03U-1

Customer Billing Name and Mailing
on Equipment Company
5705 W 73rd Street - Indianapolis, IN 46278

Customer Billing Phone: (317) 694-7576

Generator's Site Address
Stewart ANG Base
1 Maquire Way, Newburgh, NY 12550

Generator's Phone:

Transporter 1 Company Name
Dart Trucking

US EPA ID Number

Transporter 2 Company Name

US EPA ID Number

Designated Facility Name and Site Address
Calgon Carbon Corporation, 15024 US 23, Cattlesburgh, KY 41129
C/O Dart Trucking, 11017 Market St, North Lima, OH 44452

Facility's Phone: 412-771-4050, X4116

US EPA ID Number
PAD000736942

	Waste Shipping Name and Description	Containers No	Containers Type	Total Quantity	Unit Wt / Vol.	Disposal Method
1	non RCRA Spent Activated Carbon; Non DOT Regulated	16	1 CYD BAG	20,000	LB	Reactivation
2						
3						
4						

Handling Instructions and Additional Information
Profile 6973N, RMA 60020232
Note item 1 weight is dry weight basis

24 Hour Emergency Response Phone
(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 D Patterson		December	26	2025

TRANSPORTER SECTION

Transporter's Acknowledgement of Receipt of Materials

Transporter 1 Printed / Typed Name	Signature	Month	Day	Year
		01	06	2026
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:

e 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

DART Trucking COMPANY, INC. NORTH LIMA, OH

11017 MARKET ST.
NORTH LIMA, OH 44452
US & OHIO 1-800-541-8206
330-549-4115

CalgonCarbon

SHIPPER: Stewart ans Base	DATE: 1-6-26
RECEIVER	Driver's Signature: Russell Woods
NOTE: ARRIVAL AND DEPARTURE TIMES MUST BE FILLED IN DAILY	Truck No. 226
ARRIVAL TIME: DAY - 1 7:30 AM / DAY - 2	Trailer No. 31
DEPARTURE TIME: 9:30 AM	Driver No. 4930
TOTAL TIME: 2	Load No. 73825

GENERAL REMARKS: Had To Check in and get the Truck Searched before I could go load and strap down

NOTE: ALLOWED TRUCK FREE TIME IS FOUR (4) HOURS, EXCESS HOURS MAY BE INVOICED

REASONS FOR CUSTOMER DELAY:

CUSTOMER'S SIGNATURE: Evan Glande	CUSTOMER'S PRINTED NAME: Evan Glande

WHITE - **CUSTOMER** • CANARY - **BILLING** • PINK - **FILE**

151833

CalgonCarbon
A Kuraray Company

Neville Island Plant
200 Neville Road Pittsburgh PA 15225 US

Pick Up Location:
Customer No. 8046094
STEWART ANG BASE
1 MAQUIRE WAY
NEWBURGH NY 12550-5075

Bill of Lading: 524818
ORIGINAL

Customer PO No.	PO-01259
Sales Order No.	60022396
Delivery No.	84129789
Actual Shipment Date	01/06/2026
Page	1 of 3

Subject to Section 7 of 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 lawful charges. CALGON CARBON CORPORATION

SHIPPER SIGNATURE Evan Blake **SHPD DATE** 1/6/26

RECEIVER SIGNATURE _____ **RECD DATE** _____

Requirements
Freight Terms: 10 COLLECT
Freight Agent: DART TRUCKING CO INC

Req Delv Date : 01/06/2026
Registration :

Return to:
Neville Island Plant
c/o Calgon Carbon Corp
200 Neville Road
Pittsburgh PA 15225

Weight
Gross Weight: 9,071.840 KG
Net Weight: 9,071.840 KG
No. of Pieces _____

73825 Russ Woods

Item	Material No. Description	Qty	Weight
10	7000002 SPENT CARBON - CAN 6973N G50200 Spent,Liquid Carbon Acceptance Number : 6973N Offsite Storage: Y	20,000.000 LB	ECCN#: EAR99

THIS DOCUMENT IS AN APPROVED BOL FOR SPENT PICKUP

*
*
*
*
*

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to shipper, on request the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned, and destined as shown below, which said carrier agrees to carry to destination, if on its route, or otherwise to deliver to another carrier on the route to destination. That service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Straight Bill of Lading set forth at 49 CFR Part 1035.2 which are made a part hereof to the same extent as if set forth herein, to the extent that they do not conflict with the terms and conditions of any contract between the carrier and shipper.

CARRIER SIGNATURE:_____ DATE:_____

REDSTONE LOGISTICS

Shipment ID#: 127004005

Shipper:	Steward Ang Base 1 Maguire Way NEWBURGH, NY 12550	**Contact:**	Ben Francis Phone: (860) 614-1959 E-mail:
Consignee:	Ayne Disposal Inc Site#2 Landfill 49350 N I-94 Service Dr. BELLEVILLE, MI 48111	**Contact:**	Receiving Phone: (412) 771-4050 ext. 4116 E-mail:
3rd Party Bill To:	RedStone Logistics 18000 W, 105th OLATHE, KS, 66061 Phone:	**Carrier:** **Shipper Ref #:** **PO#:** **Service Level:** **Trailer Type:** **Trailer Size:**	LANDSTAR RANGER, INC. 19-03U-2 14131234 Normal 53 ft Flatbed Full

Pickup Date: 1/8/2026
Pickup Hours: 9:00 AM - 3:00 PM
Pickup Instructions: Please call ahead for loading! Need US Driver with Proper ID for loading at Gov. AFB 21 Skids, Needs straps! Receiving apt Set for 10am on 1/9/26!! Delivery Conf# 14131234
Pickup Accessorials: Airport PU, Military Base

Delivery Date: 1/9/2026
Consignee Hours: 10:00 AM- 10:00 AM
Delivery Instructions: Please call ahead for loading! Need US Driver with Proper ID for loading at Gov. AFB 21 Skids, Needs straps! Receiving apt Set for 10am on 1/9/26!! Delivery Conf# 14131234
Delivery Accessorials: Appointment

Shipment Details

Shipment Information

HANDLING UNIT		PACKAGE		WEIGHT	H.M. (X)	COMMODITY DESCRIPTION
QTY	TYPE	QTY	TYPE			
21	Pallet	21	PCS	25,000		Spent PFAS Filtration Media 0x0x0
21		21		25,000		

Notes:
Please call ahead for loading! Need US Driver with Proper ID for loading at Gov. AFB 21 Skids, Needs straps! Receiving apt Set for 10am on 1/9/26!! Delivery Conf# 14131234

Note: Liability limitations for loss or damage in this shipment may be applicable. See 49 USC 14709 (c)(1)(A)and(B).

Shipper Signature: (BES)	Date: 1/8/26	This is to certify 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.	
Pickup Carrier Signature:	Date: 1/8/26	Carrier acknowledges receipt of packages and required placards. Carrier certifies emergency response information was made available and/or carrier has the Department of Transportation emergency response guidebook or equivalent documentation in the vehicle.	
Delivered By:	Date:	Time:	# of Pieces:
Consignee Signature:	Date:	Time:	Printed Last Name:

Thursday

Non-Hazardous Waste Manifest

GENERATOR SECTION

Non-Hazardous Waste Manifest	Generator ID Number	Waste Profile Number	Waste Tracking (Manifest) Number
	NYD 981 183 338	F220121WDI-OTS	19-03U-2

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

Transporter 1 Company Name	US EPA ID Number
Transporter 2 Company Name	**US EPA ID Number**
Designated Facility Name and Site Address WAYNE DISPOSAL, INC. SITE #2 LANDFILL 49350 N I-94 SERVICE DRIVE- BELLEVILLE, MI 48111 Facility's Phone: 412-771-4050, X4116	US EPA ID Number 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	21	1 CYD BAG	25000	LB	Landfill
2						
3						
4						

Special Handling Instructions and Additional Information	24 Hour Emergency Response Phone
(9) Bags Resin, (7) Bags Filter Bags, (5) Sand Bags Delivery Appointment Friday 1/9 at 10AM. Conf.# 14131234	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=epatterson@oecprocess.com, c=US Date: 2022.11.21 19:07:44 -05'00'	December	26	2025

TRANSPORTER SECTION

Transporter's Acknowledgement of Receipt of Materials

Transporter 1 Printed / Typed Name	Signature	Month	Day	Year
Shannon Hogan				
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