

**REQUEST FOR PROPOSALS
FOR CONSULTING ENGINEERING SERVICES**

PFAS PLANNING STUDY

ECWA Project No. 202600008

General

The Erie County Water Authority is a local public benefit corporation created by a special act of the New York State Legislature, codified as Article 5, Title 3 of the Public Authorities Law, whose mission is to provide customers with a plentiful supply of safe, high quality and affordable drinking water through a reliable infrastructure. As such, the Authority operates a federally-designated critical infrastructure system whose assets, systems, and networks, whether physical or virtual, are so vital that their incapacity or destruction would have a debilitating impact on the physical or economic security, and the public health and safety, to residential, commercial, and industrial users including hospitals, health care facilities, and nursing homes, in 36 municipalities located within Erie County, parts of Chautauqua, Cattaraugus, western Wyoming, and western Genesee counties, as well as the territories of the Seneca Nation of Indians.

The Authority is seeking professional services proposals for consulting engineering services to prepare a PFAS planning study to address current and potential future drinking water treatment regulations related to per- and polyfluoroalkyl (PFAS) compounds found in source water and treatment plant residuals.

The Authority reserves the right to modify or cancel this Request for Proposals and/or the project; to reject any or all proposals; and to waive any or all irregularities. This Request for Proposals does not obligate the Authority to award a contract for the project or to reimburse any costs associated with the preparation of any proposal.

Any response to the Request for Proposals (RFP) is subject to the restrictions set forth in the New York State Finance Law §§139-j and 139-k and the Erie County Water Authority's Procurement Policy, as amended. The Procurement Policy is available by accessing the Erie County Water Authority's web site – <http://www.ecwa.org>, under the caption "Doing Business with ECWA" / "Central Purchasing".

Project Description

The Authority owns and operates two water treatment facilities. The Sturgeon Point Water Treatment Plant (Sturgeon Point) was built in the late 1950's and since initial construction, multiple upgrades have occurred. Sturgeon Point has a rated capacity of 90 mgd. The Van de Water Water Treatment Plant (Van de Water) was constructed in the mid 1970's and has a rated capacity of 49.5 mgd. Van de Water has not undergone major modifications since the plant began operations in 1980.

To comply with the requirements of the PFAS National Primary Drinking Water Regulation and the Fifth Unregulated Contaminant Monitoring Rule (UCMR 5), the Authority has performed quarterly sampling and testing in 2025 for 29 PFAS compounds. All compounds have been below the United States Environmental Protection Agency's (EPA) specified Method Reporting Limit (MRL) for each compound. In the past five years, the Authority has detected PFAS only twice at 2.0 ppt and 2.1 ppt. Refer to Appendix F for ECWA PFAS quarterly sampling data in 2023, 2024, and 2025.

While the Authority is not currently experiencing PFAS levels above the maximum contaminant limits (MCLs) set by the EPA, we are seeking qualified firms to prepare a study to address PFAS should compliance challenges arise in the future. The study shall include the following:

- Perform a peer review of similar utilities to understand their source water PFAS levels and efforts to comply with the PFAS National Primary Drinking Water Regulations.
- Review existing PFAS regulations and provide recommendations regarding the federal and state legislative landscape for future PFAS regulations and maximum contaminant limits for various PFAS compounds. Include recommendations for other existing or future regulations that could influence the Authority's selection of PFAS treatment as well as the existing drinking water treatment processes and residuals disposal at each plant.
- Review the best available and emerging PFAS treatment technologies including capital and operation and maintenance costs as well as potential water quality improvements from each technology. Identify a minimum of three relevant technologies for further investigation.
- Perform an alternatives evaluation of at least three technologies to determine the viability of implementation at the Authority's water treatment plants.
- Provide support to ECWA's public relations firm in developing a public communications strategy related to PFAS in ECWA's source and finished water.

Scope of Work

The general scope of work is described in the example Professional Services Agreement included as Attachment 1. The methods of payment shall be per the Professional Services Agreement.

Confidentiality Agreement

Prior to executing a Professional Services Agreement, the consultant will be required to sign a confidentiality agreement with the Authority as record documents that could be used as part of the project relate to its critical infrastructure. The Confidentiality Agreement is included as Appendix E.

Information Requests

All questions and requests for information are to be directed to the designated Authority Contact Person, Daniel J. Seider, PE, Director of Production, at 716-685-8323 (email: dseider@ecwa.org), in accordance with New York State Finance Law §§139-j and 139-k. A pre-proposal meeting will not be scheduled for this project.

Proposal Requirements

Proposals are to be concise, specific and straightforward. All pertinent information is to be contained in the proposal and the use of extraneous information is discouraged. Proposals are to remain valid for a minimum of 60 days. Page limits, for each proposal section, are included below and refer to single-sided 8.5"x11" pages. Each 11"x17" page shall be considered two single-sided pages. Please note that proposal can be printed double-sided. Aside from project descriptions and resumes, no additional appendices are allowed. Each proposal is to include the following:

- Item 1 - Qualifications and related experience, particularly on the type of project outlined above. Include a minimum of three references for similar work including project name, location, contact person, budget, date of completion and state the relevance to this project.

Item 1 Page Limit – 8 pages, including related project summaries. More detailed project descriptions may be provided as an appendix.

- Item 2 - Project understanding, technical approach and detailed scope of services. Identify any suggested revisions to and expand upon the detail of the general scope of work as outlined herein. Identify innovative ideas to improve the quality of the work, reduce schedule and optimize costs.

Item 2 Page Limit – 8 pages.

- Item 3 - Project staffing for all key personnel, subconsultants and partner contractors. Identify the proposed role of all staff proposed for this project. Provide a table of the current and projected workload of each proposed project staff member as it relates to availability to perform the proposed work. Provide the office of each proposed project staff member and the location(s) where work will be performed. Provide an organizational chart showing all of the proposed personnel with a brief summary of experience applicable to this project. Indicate personnel role on the projects listed under Item 1 above.

Item 3 Page Limit – 4 pages. Full resumes for key staff members may be provided as an appendix.

- Item 4 - Work performed for the Water Authority in 2023, 2024, and 2025.

Item 4 Page Limit – 1 page.

- Item 5 - Current remaining workload with the Water Authority.

Item 5 Page Limit – 1 page.

- Item 6 - Completed Forms regarding Public Authorities Law §§ 2875, 2876 and 2878, State Finance Law §§ 139 (j) and (k), and Unlawful Discriminatory Practices per Attachment 1, Appendix A.
- Item 7 - Proof of insurance in accordance with Erie County Water Authority Insurance Requirements for Professional Services per Attachment 1, Appendix C and Appendix D.
- Item 8 - Proposed project schedule, showing duration of all tasks.

Item 8 Page Limit – 2 pages.

- Item 9 - Fee proposal which is to include a breakdown of engineering fees for each task showing personnel (including title/grade), hours, hourly rates (billing and direct labor), overhead rates, and subcontractor costs for each task. Include subtask items as necessary to convey effort provided by individual personnel.

All consultants shall include Special Services lump sum cost of \$50,000 and Allowance lump sum of \$50,000 for the purposes of this proposal. Provide fixed hourly billing rates for applicable personnel to be included in the Professional Services Contract as Appendix B.

Item 9 Page Limit – 4 pages.

Proposals shall include the following form for comparison purposes:

Project 202600008 – RFP for: PFAS Planning Study	
PFAS Planning Study	\$
Special Services	\$ 50,000.00
Contingency Allowance	\$ 50,000.00
TOTAL:	\$

Proposals will be accepted until 4:00 p.m. on July 17, 2026. Three hard copies of the proposal and one digital .pdf file (on a USB flash drive) are to be delivered to Erie County Water Authority, 3030 Union Road, Cheektowaga, NY 14227 to the attention of Mr. Daniel J. Seider, PE Director of Production. Proposals received after this time will not be considered and will be returned unopened. All proposals being mailed (including Federal Express, UPS, Priority Mail, etc.) or hand delivered shall be directed to the attention of Mr. Seider in a sealed envelope and be clearly marked on the outside of the mailing or hand delivered envelope as follows: “PFAS PLANNING STUDY (PN 202600008)”.

Evaluation and Selection

All proposals will be evaluated by a small in-house committee made up of Water Authority personnel familiar with the proposed project. Interviews and/or presentations of the proposals will be requested if needed. The proposals will be evaluated based on the criteria listed above.

The final scope of work and fee for the engineering services for the project will be negotiated with the selected firm. Professional Service Contracts will then be executed pending successful negotiation and authorization by the Water Authority Board of Commissioners. All firms submitting a proposal will be notified of the selection results. It is anticipated that the selection process will be completed in approximately 4 weeks, and that the agreement will be executed in September or October 2026.

ERIE COUNTY WATER AUTHORITY
REQUEST FOR PROPOSALS – ATTACHMENT 1
SAMPLE AGREEMENT

ATTACHMENT 1

This is a sample Agreement. All shaded provisions are examples for illustration purposes only and will be changed to reflect the appropriate agreement between the Authority and the Engineer awarded the contract.

Project No. XXXXXXXX
Contract XX-XX

PROFESSIONAL SERVICES AGREEMENT FOR ENGINEERING SERVICES

This Agreement, effective as of DATE OF BOARD APPROVAL (“Effective Date”), is by and between

ERIE COUNTY WATER AUTHORITY
295 Main Street, Room 350
Buffalo, New York 14203

hereinafter referred to as the “Authority,” and

XYZ ENGINEERING FIRM
0000 Street, Suite 000
City, State, ZIP

hereinafter referred to as the “Engineer.”

The Authority project, for which engineering services are to be provided under this Agreement, relates to preparing a PFAS planning study to address current and potential future drinking water treatment regulations related to per- and polyfluoroalkyl (PFAS) compounds found in source water and treatment plant residuals for Sturgeon Point Water Treatment Plant and Van de Water Water Treatment Plant (the “Project”).

In consideration of the mutual promises set forth in this Agreement, the Authority and the Engineer agrees as follows:

ARTICLE 1 – THE PROJECT

1.01 The project consists of a PFAS planning study to perform an alternatives evaluation to identify the best treatment technology to address PFAS in drinking water and to inform the basis of design for the Authority’s treatment plants, if improvements are deemed to be necessary, in the future.

ARTICLE 2 – COMPLIANCE STANDARDS

2.01 Standard of Performance

- A. **Standard of Care:** The Engineer shall be held to the same standard of care applicable to any consultant providing professional engineering and related services. The Engineer shall use the same care and skill ordinarily used by members of the subject profession practicing under similar circumstances at the time and in the same locality.
- B. **Technical Accuracy:** The Authority shall not be responsible for discovering deficiencies in the technical accuracy of the Engineer's services. The Engineer shall correct deficiencies in technical accuracy without additional compensation unless such corrective action is directly attributable to deficiencies in Authority-furnished information.

2.02 Compliance with Laws and Regulations, and Policies and Procedures

- A. The Authority and the Engineer shall comply with all applicable federal, state or local laws and regulations and all applicable Authority policies and procedures.
- B. The Engineer shall comply with the provisions set forth in Public Authorities Law §§ 2875, 2876, and 2878 of the laws of the State of New York. In response to the Authority's Request for Proposals, the Engineer submitted and signed the Public Authorities Law forms, a copy of which are attached to and incorporated in this Agreement as Appendix A.
- C. The Engineer shall comply with the provisions set forth in State Finance Law §§ 139-j and 139-k. In response to the Authority's Request for Proposals, the Engineer submitted and signed Forms A, B, and C, a copy of which is attached to, and incorporated in, this Agreement as Appendix A.
- D. By executing this Agreement, the Engineer affirms under the penalties of perjury that there was no collusion in the proposal submitted to the Authority, upon which forms the basis of this Agreement.
- E. The Engineer shall comply with the provisions of the Human Rights Law (Executive Law § 290, *et. seq.*) and Labor Law § 201-g of the laws of the State of New York. In response to the Authority's Request for Proposals, the Engineer submitted and signed the Statement Regarding Prevention of Unlawful Discriminatory Practices, a copy of which is attached to, and incorporated in, this Agreement, as Appendix A.
- F. The Engineer shall comply with the provisions of the Shield Act, codified at General Business Law § 899-aa of the laws of the State of New York.
- G. The Authority shall provide the Engineer in writing any and all Authority policies and procedures applicable to the Engineer's performance of services under this Agreement.

The Engineer agrees to comply with such policies and procedures to the extent compliance is not inconsistent with professional practice requirements.

H. If the Engineer, its employees, agents and/or subcontractors, wish to access any Authority property, they must notify the Authority's Security Officer and provide the following information: (a) government-issued photo identification for all site visitors; (b) a detailed statement indicating the purpose for the site visit; (c) the proposed date and time for the site visit; (d) the estimated start and finish time for the site visit; and (e) any additional information reasonably requested by the Authority's Security Officer. No person may visit any Authority Property without the authorization of the Authority and/or its Security Officer. While on Authority property, the Engineer's employees, representatives and engineers shall comply with the specific applicable security and access rules established by the Authority's Security Officer.

2.03 Whenever the Authority is operating under a Declaration of Emergency due to a pandemic, the Engineer, its employees, and agents shall comply with all health safety rules and regulations adopted by the State of New York, the County of Erie, or the Authority including, but not limited to, completing a health screening questionnaire, using a personal protective face mask, or complying with any testing or vaccination requirements, before entering any Authority worksite.

2.04 **Unknown Conditions.** The Engineer shall not be required to sign any documents, no matter by whom requested, that would result in the Engineer having to certify, guarantee, or warrant the existence of conditions whose existence the Engineer cannot ascertain. The Authority agrees not to make resolution of any dispute with the Engineer for payment on any amount due to the Engineer in any way contingent upon the Engineer signing any such documents.

ARTICLE 3 – SCOPE OF SERVICE

3.01 **Kick-off Meeting.** Prior to rendering any professional services, the Engineer will conduct a kickoff meeting with Authority personnel.

3.02 **Engineering Services.** Consultant shall provide engineering services necessary to develop a planning study as detailed in section 1.01, The Project, including but not limited to the following:

- A. Report to the Authority bi-weekly on the progress of the work via email, with the following information:
 - a. Work performed during the previous two weeks;
 - b. Work scheduled for the next two weeks;
 - c. Schedule status/deliverable status, attaching an updated project schedule (in Microsoft Project format) identifying all project milestones and current status;
 - d. Budget status/percent complete;
 - e. Input needed from the Authority or others;
 - f. Requests for scope changes; and

- g. Other issues/concerns
- B. Involvement of all appropriate staff in progress meetings which shall occur on a monthly basis.
- C. Review existing record documents for the Sturgeon Point and Van de Water Water Treatment Plants.
- D. Review and analyze the previous five years of PFAS and pertinent ECWA water quality sampling and testing results.
- E. Review the Authority's electrical power consumption at each treatment plant for the previous five years.
- F. Perform a peer review of at least ten similarly sized drinking water utilities to understand their source water PFAS levels as part of UCMR5 and efforts to comply with the PFAS National Primary Drinking Water Regulation. Prioritization of utilities for the peer review shall be as follows:
 - a. Lake Erie as raw water source
 - b. Great Lakes as raw water source
 - c. Raw water source is from a tributary to a Great Lake
 - d. Surface water as raw water source in the northeastern US
 - e. Groundwater utilities shall not be considered.

Review data and develop trends to understand current and potential future PFAS impacts for each utility. Document each utility's approach to compliance with federal and state PFAS regulations including initial treatment techniques considered and selected treatment technique that has (or will be) implemented. It is the intent of ECWA to share the results of the peer review with all participating utilities.

- G. Review existing PFAS regulations and provide recommendations regarding the federal and state legislative landscape for future PFAS regulations and maximum contaminant limits for various PFAS compounds. Include recommendations for other existing or future regulations that could influence the Authority's selection of PFAS treatment, the existing drinking water treatment process, and residuals disposal.
- H. Review the best available and emerging PFAS treatment technologies including capital and operation and maintenance costs as well as water quality improvements expected from each technology. Identify a minimum of three relevant technologies for further investigation. Additional factors to be considered in identifying the relevant technologies include, but are not limited to, taste and odor removal, corrosion control, filter turbidity, iron/manganese removal, total organic compound (TOC) removal, disinfection byproducts, emerging contaminants, and operation and maintenance flexibility.

- I. Perform an alternatives evaluation of at least three treatment technologies. Prepare the following for each alternative at each treatment plant.
 - a. Describe the process elements, primary components, and process integration concept. Identify any impacts to the Authority's residuals management processes.
 - b. Define the hydraulic impacts including an update to the Authority's hydraulic profile to incorporate the PFAS treatment technology.
 - c. Prepare concept level site plans to define the approximate footprint needed to accommodate the PFAS treatment technology and other systems such as pump stations and water conduits/piping that may be necessary.
 - d. Estimate the approximate increase in electrical power needed under average and peak demand.
 - e. Prepare a 20-year life-cycle cost analysis based on Class V Engineer's opinion of probable cost estimates including capital, operation, and maintenance costs.
- J. Develop an evaluation matrix to aid in the selection of the most appropriate technology for implementation at the Authority's water treatment plants.
- K. Provide support to ECWA's public relations firm in developing a public communications strategy related to PFAS in ECWA's source and finished water.
- L. At a minimum, conduct the following technical workshops with Authority staff. Time allotted for monthly progress meetings can be expanded to accommodate the information to be covered in each workshop. Provide additional workshops, as necessary, to fully communicate the various project components.
 - a. Utility Peer Review and Regulatory Update
 - b. Treatment Technologies and Alternatives Development
 - c. Alternatives Evaluation and Recommendation for Implementation
 - d. Communications Strategy (assume two workshops)
- M. Prepare a Draft PFAS Planning Study and provide the Authority with five (5) hardcopies along with the digital .pdf file.
- N. The Engineer shall meet with the Authority to review the draft report and will incorporate comments into the final version. The Engineer shall supply the Authority with five (5) hardcopies of the final report along with a digital .pdf file.
- O. The Authority has provided the Authority's PFAS testing results to the Engineer. The reports are attached as Appendix F to this Agreement.

3.03 Special Services: The Authority may require one or more of the following special services in carrying out the project:

- A. Soils Investigations - including test borings, pavement cores, and the related analysis.
- B. Detailed mill, shop and/or laboratory inspection of materials and equipment.
- C. Air, water, and/or soil sampling, testing, and/or analysis.
- D. Hazardous material testing and assessment.
- E. Certified welding inspectors.
- F. Ground penetrating radar.
- G. Vacuum truck removal of sediment.
- H. Extra travel and subsistence for the Engineer and its staff beyond that normally required under ordinary circumstances, when authorized by the Authority.
- I. Other services, as deemed necessary by the Authority's Chief Operating Officer and Chief Financial Officer.

3.04 Contingency Allowance: The Engineer may use contingency allowance when the original scope of work for the Project was not sufficient to allow for subsequent changes to improve the completed Project. The Engineer may use the contingency allowance to accommodate specific planning study modifications necessary for overall project completeness. The Engineer may only use contingency allowance following review and approval of the Authority's Engineering Department, Chief Operating Officer or, in their absence, the Executive Engineer in an amount approved by the Authority's Chief Financial Officer or, in their absence, the Comptroller.

3.05 Service Timeframe: Unless otherwise extended by mutual agreement of the parties, the professional services to be rendered in this Project shall be performed within < duration to be inserted based on consultant's proposal > of the Authority's notice to proceed.

ARTICLE 4 – PAYMENT OF PROFESSIONAL SERVICES

4.01 Lump Sum Payments: The Consultant agrees to accept lump sum payment for the following services:

PFAS Planning Study: For services described under §3.01 and §3.02 of this Agreement, the Authority shall pay Engineer a lump sum which will include all expense, labor and cost associated with this service. Payment will be made monthly based on the percentage of completion up to 100% of the total lump sum amount.

4.02 Special Services: For services described under §3.03 of this Agreement, the Authority shall pay the Engineer for special services pre-approved by the Authority's Chief Operating Officer or,

in their absence, the Executive Engineer in an amount approved by the Authority’s Chief Financial Officer or, in their absence, the Comptroller.

- A. When the Engineer is performing the services described in §3.03 of this Agreement, such services will be billed at the fixed rates included in Appendix B of this Agreement.
- B. When the Engineer obtains services from a third party, the Engineer will be reimbursed based on the actual invoice cost paid by the Engineer, plus 5%.

4.03 Contingency Allowance: For services described under §3.04, of this Agreement, the Authority shall pay the Engineer for services pre-approved by the Authority’s Chief Operating Officer or, in their absence, the Executive Engineer in an amount approved by the Authority’s Chief Financial Officer or, in their absence, the Comptroller.

- A. When the Engineer is performing the services described in §3.04 of this Agreement, such services will be billed at the fixed rates included in Appendix B of this Agreement.
- B. When the Engineer obtains services from a third party, the Engineer will be reimbursed based on the actual invoice cost paid by the Engineer, plus 5%.

4.04 Engineering Cost Schedule:

A. ***Engineering Costs:***

Project 202600008 – RFP for: PFAS Planning Study	
PFAS Planning Study	\$
Special Services	\$ 50,000.00
Contingency Allowance	\$ 50,000.00
TOTAL:	\$

B. ***Other Costs (2025 and 2026):***

- | | |
|---|----------------------|
| 1. Estimated Mileage (IRS rate) | [Insert\$] |
| 2. Estimated Copy Costs (per copy) | [Insert\$] |
| 3. Prints (per print) | [Insert\$] |
| 4. Subcontractor Expenses, invoiced as special services | Cost plus 5% maximum |
| 5. Other Direct Non-Salary Costs | At cost |

4.04 Audit: The Authority reserves the right to audit the Engineer's records to verify bills submitted and representations made. For this purpose, the Engineer agrees to make company records available for inspection upon written notice by the Authority. The Authority shall have two years from the date of the Engineer's final bill to complete its audit. If the audit establishes an overcharge, the Engineer agrees to refund the excess.

ARTICLE 5 – GENERAL PROVISIONS

5.01 Subcontract and Assignments: The Engineer may not subcontract or delegate any of the work, services, and/or other obligations of the Engineer without the express written consent of the Authority's Executive Staff. The Authority and the Engineer bind themselves and their successors, administrators and assigns to the terms of this Agreement. The Engineer shall not assign, sublet, or transfer its interest in the Agreement without the written consent of the Authority.

5.02 Amendments: Any modification or variation from the terms of this Agreement must be in writing, authorized by a resolution of the Board of Commissioners of the Authority, and signed by all parties to be effective.

5.03 Right to Terminate: The Authority reserves the right to terminate the Engineer's services at any time, without cause, based on seven (7) days' written notice. The Engineer shall not be entitled to lost profit and shall perform only such services, after notification of termination, as the Authority directs.

5.04 Indemnification:

- A. To the fullest extent permitted by law, the Engineer agrees to indemnify and hold the Authority harmless from all third party claims, liabilities, damages and costs (including all reasonable attorney's fees, and cost of defense) to which the Authority, its officers, directors and employees may be subject to, arising out of the death or bodily injury to any person or the destruction or damage to any property to the extent caused by the negligent acts, errors or omissions, or willful misconduct of the Engineer's performance of professional services provided under this Agreement and those of its subcontractors or anyone for whom the Engineer is legally liable.
- B. To the fullest extent permitted by law, the Authority agrees to indemnify and hold the Engineer harmless from all third-party claims, liabilities, damages and costs (including all reasonable attorney's fees and cost of defense) to the extent caused by the negligent acts, errors or omissions of the Authority, its contractors, engineers, or anyone for whom the Authority is legally liable.

5.05 Insurance:

- A. The Engineer agrees to secure and maintain such insurance as will protect itself from claims under the Workers' Compensation Act; claims for damages because of bodily injury, including personal injury, sickness or disease, or death of any of its employees or of any person other than its employees; and from claims for damages

because of injury to or destruction of property including loss of use resulting therefrom in the amounts indicated on Appendix C.

- B. The Engineer agrees to provide and maintain insurance that will provide coverage for claims arising out of the negligent performance of its services.
- C. The Engineer agrees to provide Certificates of Insurance certifying the coverage required by this provision.
- D. The Engineer agrees to provide the name of an employee who will be responsible for providing the Authority with current and updated Certificates of Insurance. The Authority will require the name of the employee, the employee's phone number and email address.
- E. The Engineer agrees to require all direct or indirect subcontractors to procure and maintain insurance in accordance with the Insurance Requirements, as set forth in the Addendum Agreement attached as Appendix D.

5.06 Confidential Information:

- A. To assist the Engineer in the performance of this Agreement, the Authority may provide the Engineer with confidential information including, but not limited to information relative to the services to be performed. All information received by the Engineer in any fashion and under any conditions resulting from the rendering of the services in consideration of this agreement, are considered confidential. The Engineer shall hold in confidence and not disclose to any person or any entity, any information regarding information learned during the performance of services including but not limited to information relative to the services to be performed.
- B. The Engineer shall use at least the same degree of care to protect and prevent unauthorized disclosure of any confidential information as it would use to protect and prevent unauthorized disclosure of its own proprietary information. The Engineer shall use confidential information only in the performance of this Agreement. No other use of the confidential information whether for the Engineer's benefit or for the benefit of others shall be permitted.
- C. In no event is the Engineer authorized to disclose confidential information without the prior written approval of the Authority. The Engineer may provide such information to its subcontractors for the purpose of performing the services; or disclose such information, with notice to the Authority, if such information is required to be disclosed by law or court order.
- D. The Engineer agrees to abide by the terms and conditions of the Authority's Confidentiality and Non-Disclosure Agreement, which is attached to and incorporated in this Agreement as Appendix E.

- E. The terms of this section shall be binding during and after the expiration or termination of this Agreement.

5.07 Copyrights, Trademarks and Licensing: The Engineer agrees all materials or work product produced under this Agreement, whether produced by the Engineer alone or with others, and regardless of whether produced during regular working hours, shall be considered work made for hire and the property of the Authority. The Engineer shall, during and after the terms of this Agreement, assign to the Authority, without further consideration, all right, title and interest in all material produced under this Agreement. All material produced under this Agreement shall be and remain the property of the Authority whether registered or not.

5.08 New York Law and Jurisdiction: Notwithstanding any other provision of this Agreement, any dispute concerning any question of fact or law arising under this Agreement which is not disposed of by agreement between the Engineer and the Authority shall be governed, interpreted and decided by a court of competent jurisdiction of the State of New York in accordance with the laws of the State of New York.

5.09 Conflicts of Interest: The Engineer represents that it has advised the Authority in writing prior to the date of signing this Agreement of any relationships with third parties, including competitors of the Authority, which would present a conflict of interest with the rendering of the services, or which would prevent the Engineer from carrying out the terms of this Agreement or which would present a significant opportunity for the disclosure of confidential information. The Engineer will advise the Authority of any such relationships that arise during the term of this Agreement. The Authority shall then have the option to terminate the Agreement without being subject to further obligations under its terms, except for the payment of services already rendered by the Engineer. So long as the Engineer reports such a conflict as required by this section, the Engineer will have no further obligations for completing the scope of services under the terms of this Agreement.

5.10 Additional Conditions: The Engineer and the Authority acknowledge that there may be additional conditions, terms and provisions which shall apply specifically to the services to be performed. The parties agree to negotiate in good faith to agree upon such additional terms.

5.11 Entire Agreement: This Agreement constitutes the entire understanding of the parties and no representations or agreements, oral or written, made prior to its execution shall vary or modify the terms herein. This Agreement supersedes all prior contemporaneous communications, representations, or agreements, whether oral or written with respect to the subject matter hereof and has been induced by no representations, statements or agreements other than those herein expressed. No subsequent agreement made between the parties shall be binding on either party unless reduced to writing and signed by an authorized officer of the party sought to be bound by such agreement.

5.12 Independent Status:

- A. Nothing contained in the Agreement shall be construed to render either the Authority or the Engineer, an owner, member, officer, partner, employee or agent of the other,

nor shall either party have authority to bind the other in any manner, other than as set forth in this Agreement, it being intended that the Engineer shall remain an independent contractor responsible for its own actions. The Engineer is retained by the Authority only for the purpose and to the extent set forth in this Agreement.

- B. The Engineer is free to choose the aggregate number of hours worked and the scheduling of such hours as it shall see fit at its discretion within the limitations set forth in Article 4.
- C. Neither the Engineer nor its employees shall be considered under the provisions of this Agreement or otherwise as having an employee, servant or agency status or as being entitled to participate in any plans, arrangements or distributions of the Authority.
- D. In providing the services under this Agreement, the Engineer represents and warrants that it has complied with all applicable federal, state and local laws particularly with respect to licenses, withholdings, reporting and payment of taxes. The Engineer agrees to furnish copies of documentation to the Authority evidencing its compliance with such laws. The Engineer further represents and warrants that any income accruing to the Engineer and its employees from the Agreement shall be reported as such to the appropriate taxation authorities.

5.13 Doing Business Status: The Engineer represents it is qualified to do business in the State of New York and has registered with the New York Secretary of State.

5.14 Gratuities: The Engineer shall prohibit its agents, employees and consultants from using their positions for personal financial gain, or from accepting any personal advantage from anyone under circumstances which might reasonably be interpreted as an attempt to influence the recipients in the conduct of their official duties. The Engineer or its employees shall not, under circumstances which might be reasonably interpreted as an attempt to influence the recipients in the conduct of their duties, extend any gratuity or special favor to employees of the Authority.

5.15 Notice: Any notices required by this Agreement or otherwise shall be delivered by United States Postal mail or personal delivery upon the addresses hereinbefore stated. Any change in such addresses shall be required to be in writing to the other party and acknowledged as such.

ARTICLE 6 – SEVERABILITY

6.01 Any provision or part of the Agreement held to be void or unenforceable by a court of competent jurisdiction shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon the parties, which agrees that the Agreement shall be reformed to replace such stricken provisions or part thereof with a valid enforceable provision that comes as close as possible to expressing the intent of the stricken provision. The validity and enforceability of all other provisions of this Agreement shall not otherwise be affected.

ARTICLE 7 – TERMINATION

7.01 The Authority reserves the right to terminate this Agreement in the event it is found that the Certification filed by the Engineer in accordance with New York State Finance Law §139-k was intentionally false or intentionally incomplete. Upon such finding, the Authority may exercise its termination right by providing written notification to the Engineer in accordance with the written notification terms of this Agreement.

ERIE COUNTY WATER AUTHORITY

By _____
Jerome D. Schad, Chair

< insert name of Engineer >

By _____

STATE OF NEW YORK)
COUNTY OF ERIE) ss:

On the _____ day of _____, in the year 2026, before me personally came Jerome D. Schad, to me known, who, being by me duly sworn, did depose and say that he resides in Amherst, New York, that he is the Chair of the Board of Commissioners for the Erie County Water Authority described in the above instrument; and that he signed his name thereto by order of the Board of Commissioners.

Notary Public

STATE OF NEW YORK)
COUNTY OF _____) ss:

On the _____ day of _____, in the year 2026, before me personally came _____, to me known, who, being by me duly sworn, did depose and say that he/she resides in _____, New York, that he/she is the _____ of the Corporation described in the above instrument; and that he signed his/her name thereto by order of the Board of Directors of said Corporation.

Notary Public

ERIE COUNTY WATER AUTHORITY
APPENDIX A
RESPONSE TO RFP REQUIRED FORMS

< Consultant's RFP response including the following required forms to be inserted here >

NON-COLLUSIVE BIDDING CERTIFICATION

as mandated by Public Authority Law § 2878

By submission of this bid or proposal, each bidder/respondent and each person signing on behalf of any bidder/respondent certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of his knowledge and belief:

(1) The prices in this bid or proposal have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder/respondent or with any competitor; and

(2) Unless otherwise required by law, the prices which have been quoted in this bid or proposal have not been knowingly disclosed by the bidder/respondent and will not knowingly be disclosed by the bidder/respondent prior to opening, directly or indirectly, to any other bidder/respondent or to any competitor; and

(3) No attempt has been made or will be made by the bidder/respondent to induce any other person, partnership, or corporation to submit or not to submit a bid for the purpose of restricting competition.

NOTICE

(Penal Law § 210.45)

IT IS A CRIME, PUNISHABLE AS A CLASS A MISDEMEANOR UNDER THE LAWS OF THE STATE OF NEW YORK, FOR A PERSON, IN AND BY A WRITTEN INSTRUMENT, TO KNOWINGLY MAKE A FALSE STATEMENT, OR TO MAKE A FALSE STATEMENT, OR TO MAKE A STATEMENT WHICH SUCH PERSON DOES NOT BELIEVE TO BE TRUE.

Affirmed under penalty of perjury this _____ day _____, 20____

FIRM NAME _____

ADDRESS _____

_____ ZIP _____

AUTHORIZED SIGNATURE _____

TYPED NAME OF AUTHORIZED SIGNATURE _____

TITLE _____ TELEPHONE No. _____

SECTION 2875 OF THE PUBLIC AUTHORITIES LAW

§2875. GROUND FOR CANCELLATION OF CONTRACT BY PUBLIC AUTHORITY.

A clause shall be inserted in all specifications or contracts hereafter made or awarded by any public authority or by any official of any public authority created by the state or any political subdivision, for work or services performed or to be performed or goods sold or to be sold, to provide that upon the refusal of a person, when called before a grand jury, head of a state department, temporary state commission, or other state agency, the organized crime task force in the department of law, head of a city department, or other city agency, which is empowered to compel the attendance of witnesses and examine them under oath, to testify in an investigation concerning any transaction or contract had with the state, any political subdivision thereof or of a public authority, to sign a waiver of immunity against subsequent criminal prosecution or to answer any relevant question concerning such transaction or contract.

- (a) Such person, and any firm, partnership, or corporation of which he is a member, partner, director, or officer shall be disqualified from thereafter selling to or submitting bids to or receiving awards from or entering into any contracts with any public authority or official thereof, for goods, work or services, for a period of five years after such refusal, and to provide also that

- (b) any and all contracts made with any public authority or official thereof, since the effective date of this law, by such person and by any firm, partnership, or corporation of which he is a member, partner, director or officer may be canceled or terminated by the public authority without incurring any penalty or damages on account of such cancellation or termination, but any monies owing by the public authority for goods delivered or work done prior to the cancellation termination shall be paid.

This is to CERTIFY that neither the undersigned nor any member, partner, director, or officer of the firm has refused to sign a waiver of immunity against subsequent criminal prosecution or to answer any relevant question concerning a transaction or contract with the state, any political subdivision thereof, a public authority or with a public department, agency or official of the state or of any political subdivision thereof or of a public authority, when called before a grand jury, head of a state department, temporary state commission, or other state agency, the organized crime task force in the department of law, head of a city department, or other city agency, which is empowered to compel the attendance of witnesses and examine them under oath.

(Name of Individual, Partnership or Corporation)

By _____
(Person authorized to sign)

(SEAL)

SECTION 2876 OF THE PUBLIC AUTHORITIES LAW

§2876. DISQUALIFICATION TO CONTRACT WITH PUBLIC AUTHORITY

Any person who, when called before a grand jury, head of a state department, temporary state commission or other state agency, the organized crime task force in the department of law, head of a city department or other city agency, which is empowered to compel the attendance of witnesses and examine them under oath to testify in an investigation concerning any transaction or contract had with the state, any political subdivision thereof, a public authority or with a public department, agency or official of the state or of any political subdivision thereof or of a public authority, refuses to sign a waiver of immunity against subsequent criminal prosecution or to answer any relevant questions concerning such transaction or contract, and any firm, partnership or corporation of which he is a member, partner, director or officer shall be disqualified from thereafter selling to or submitting bids to or receiving awards from or entering into any contracts with any public authority or any official of any public authority created by the state or any political subdivision, for goods, work or services, for a period of five years after such refusal or until a disqualification shall be removed pursuant to the provisions of section twenty-six hundred three of this article.

It shall be the duty of the officer conducting the investigation before the grand jury, the head of a state department, the chairman of the temporary state commission or other state agency, the organized crime task force in the department of law, the head of a city department or other city agency before which the refusal occurs to send notice of such refusal, together with the names of any firm, partnership or corporation of which the person so refusing is known to be a member, partner, officer or director, to the commissioner of transportation of the state of New York, or the commissioner of general services as the case may be, and the appropriate departments, agencies and officials of the state, political subdivisions thereof or public authorities with whom the persons so refusing and any firm, partnership or corporation of which he is a member, partner, director or officer, is known to have a contract. However, when such refusal occurs before a body other than a grand jury, notice of refusal shall not be sent for a period of ten days after such refusal occurs. Prior to the expiration of this ten day period, any person, firm, partnership or corporation which has become liable to the cancellation or termination of a contract or disqualification to contract on account of such refusal may commence a special proceeding at a special term of the supreme court, held within the judicial district in which the refusal occurred, for an order determining whether the questions in response to which the refusal occurred were relevant and material to the inquiry. Upon the commencement of such proceeding, the sending of such notice of refusal to answer shall be subject to order of the court in which the proceeding was brought in a manner and on such terms as the court may deem just. If a proceeding is not brought within ten days, notice of refusal shall thereupon be sent as provided herein.

This is to CERTIFY that neither the undersigned nor any member, partner, director, or officer of the firm has refused to sign a waiver of immunity against subsequent criminal prosecution or to answer any relevant question concerning a transaction or contract with the state, any political subdivision thereof, a public authority or with a public department, agency or official of the state or of any political subdivision thereof or of a public authority, when called before a grand jury, head of a state department, temporary state commission, or other state agency, the organized crime task force in the

department of law, head of a city department, or other city agency, which is empowered to compel the attendance of witnesses and examine them under oath.

(Name of Individual, Partnership or Corporation)

By _____
(Person authorized to sign)

(SEAL)

FORMS A, B, and C

STATE FINANCE LAW REQUIREMENTS

The Erie County Water Authority (the “Authority”) is a government entity, as that term is defined in State Finance Law §§ 139-j(1)(a) and 139-k(1)(a). When the Authority seeks to procure goods or services by means of an Invitation or Notice to Bid, or a Request for Proposals, the State Finance Law imposes certain restrictions on anyone who may wish to offer goods or services to the Authority as an Offerer, as that term is defined in §§ 139-j(1)(h) and 139-k(1)(h).

During the Restricted Period, as defined in §§ 139-j(1)(f) and 139-k(1)(f), when bids or proposals are being solicited, the Authority will designate a contact person with whom the Offerer may contact for information and other authorized purposes as set forth in §139-j of the State Finance Law. The designated contact is identified in the Notice to Bidders, or in the Request for Proposal. An Offerer is authorized to contact the Authority’s designated contact for such purposes as set forth in § 139-j(3).

Pursuant to the State Finance Law, the Authority is also required to make certain findings before making any determinations as to the qualifications and eligibility of those seeking a procurement contract, as that term is defined in State Finance Law §§ 139-j(1)(g) and 139-k(1)(g). Certain findings of non-responsibility can result in rejection for contract award and in the event of two findings of non-responsibility occurring within a 4-year period, the Offerer will be debarred from obtaining procurement contracts with the Authority. Further information about these requirements can be found in §§139–j and 139–k of the New York State Finance Law and the Erie County Water Authority’s Procurement Disclosure Policy.

The following forms will be used by the Authority to make such findings:

Form A - Offerer’s Affirmation of Understanding of, and Agreement to Comply with, the Authority’s Permissible Contact Requirements During the Restricted Period.

Form B - Offerer’s Certification of Compliance with State Finance Law.

Form C - Offerer’s Disclosure of Prior Non-Responsibility Determinations.

FORM A

**Offerer's Affirmation of Understanding of, and Agreement to Comply
with, the Permissible Contact Requirements During the Restricted Period**

Instructions:

The Erie County Water Authority (the "Authority") is a government entity, as that term is defined in State Finance Law §§ 139-j(1)(a) and 139-k(1)(a). The Authority must obtain a written affirmation of understanding and agreement to comply with procedures regarding permissible contacts with the Authority in the restricted period for a procurement contract in accordance with State Finance Law §139-j and §139-k. It is required that this affirmation be obtained as early as possible in the procurement process, but no later than when the Offerer submits its proposal.

Offerer affirms that it understands and agrees to comply with the procedures of the Authority relative to permissible contacts as required by State Finance Law §139-j(3) and §139-j(6)(b).

By: _____ Date: _____

Name: _____

Title: _____

Contractor Name: _____

Contractor Address: _____

FORM B

**Offerer's Certification of Compliance
With State Finance Law §139-k(5)**

Instructions:

The Erie County Water Authority (the "Authority") is a government entity, as that term is defined in State Finance Law §§ 139-j(1)(a) and 139-k(1)(a). The Authority must obtain a Certification that the information submitted for a procurement contract is complete, true, and accurate regarding any prior findings of non-responsibility, such as non-responsibility pursuant to State Finance Law §139-j. The Offerer must agree to sign the Certification, under penalty of perjury, and to provide the Certification to the Authority. The Certification should be obtained as early as possible in the process, but no later than when an Offerer submits its proposal.

Offerer Certification:

I certify that all information provided to the Authority relating to the awarding of a procurement contract is complete, true, and accurate.

By: _____ Date: _____

Name: _____

Title: _____

Contractor Name: _____

Contractor Address: _____

FORM C**Offerer's Disclosure of Prior
Non-Responsibility Determinations****Background:**

The Erie County Water Authority (the "Authority") is a government entity, as that term is defined in State Finance Law §§ 139-j(1)(a) and 139-k(1)(a). New York State Finance Law §139-k(2) obligates the Authority to obtain specific information regarding prior non-responsibility determinations with respect to State Finance Law §139-j. In accordance with State Finance Law §139-k, an Offerer must be asked to disclose whether there has been a finding of non-responsibility made within the previous four (4) years by any Governmental Entity due to: (a) a violation of State Finance Law §139-j; or (b) the intentional provision of false or incomplete information to a Government Entity.

The terms "Offerer" and "Governmental Entity" are defined in State Finance Law §§139-j(1) and §139-k(1). These sections also set forth detailed requirements about the restrictions on contacts during the procurement process. A violation of State Finance Law §139-j includes, but is not limited to, an impermissible contact during the restricted period (for example, contacting a person or entity other than the designated contact person, when such contact does not fall within one of the exemptions).

As part of its responsibility determination, State Finance Law §139-k(3) mandates consideration of whether an Offerer fails to timely disclose accurate or complete information regarding the above non-responsibility determination. In accordance with law, no Procurement Contract shall be awarded to any Offerer that fails to timely disclose accurate or complete information under this section, unless a finding is made that the award of the Procurement Contract to the Offerer is necessary to protect public property or public health safety, and the Offerer is the only source capable of supplying the required Article of Procurement, as that term is defined in State Finance Law §§ 139-j(1)(b) and 139-k(1)(b), within the necessary timeframe. See State Finance Law §139-j(10)(b) and §139-k(3).

Instructions:

The Authority must include a disclosure request regarding prior non-responsibility determinations in accordance with State Finance Law §139-k in its solicitation of proposals or bid documents or specifications or contract documents, as applicable, for procurement contracts. The attached form is to be completed and submitted by the individual or entity seeking to enter into a Procurement Contract. It shall be submitted to the Authority conducting the Governmental Procurement no later than when the Offerer submits its proposal.

FORM C (Continued)

Offerer's Disclosure of Prior Non-Responsibility Determinations

Name of Individual or Entity Seeking to Enter into the Procurement Contract:

Address: _____

Name and Title of Person Submitting this Form: _____

Contract Procurement Number: _____

Date: _____

1. Has any Governmental Entity made a finding of non-responsibility regarding the individual or entity seeking to enter into the Procurement Contract in the previous four years? (Please circle):
No Yes

If yes, please answer the next questions:

2. Was the basis for the finding of non-responsibility due to a violation of State Finance Law §139-j (Please circle):
No Yes

3. Was the basis for the finding of non-responsibility due to the intentional provision of false or incomplete information to a Governmental Entity? (Please circle) No Yes

4. If you answered yes to any of the above questions, please provide details regarding the finding of non-responsibility below.

Governmental Entity: _____

Date of Finding of Non-Responsibility: _____

Basis of Finding of Non-Responsibility: _____

(Add additional pages as necessary)

CONTRACT TERMINATION PROVISION

Instructions:

A Contract Termination Provision will be included in each procurement contract governed by State Finance Law §139-k. New York State Finance Law §139-k(5) provides that every procurement contract award subject to the provisions of State Finance Law §§139-k and 139-j shall contain a provision authorizing the governmental entity to terminate the contract in the event that the certification is found to be intentionally false or intentionally incomplete. This statutory contract language authorizes, but does not mandate, termination. “Government Entity” and “procurement contract” are defined in State Finance Law §§ 139 j(1) and 139-k(1).

This required clause will be included in a covered procurement contract.

A sample of the Termination Provision is included below. If a contract is terminated in accordance with State Finance Law §139-k(5), the Erie County Water Authority, as a governmental entity, is required to include a statement in the procurement record describing the basis for any action taken under the termination provision.

Sample Contract Termination Provision

The Erie County Water Authority, as a governmental entity, reserves the right to terminate this contract in the event it is found that the certification filed by the Offerer in accordance with New York State Finance Law §139-k was intentionally false or intentionally incomplete. Upon such finding, the Authority may exercise its termination right by providing written notification to the Offerer in accordance with the written notification terms of this contract.

**OFFERER’S STATEMENT REGARDING PREVENTION OF
UNLAWFUL DISCRIMINATORY PRACTICES**

The Erie County Water Authority (the “Authority”), as an employer in New York State, is subject to the Human Rights Law, codified as Executive Law §290, *et. seq.*, and Labor Law §201-g. The Authority seeks to provide a work environment that is free from unlawful discriminatory practices as they are defined in Executive Law §296, as well as from inappropriate harassing conduct even if not deemed unlawful, to its employees, contractors, subcontractors, vendors, consultants, and any other person providing services on Authority premises. Pursuant to the Human Rights Law, it shall be unlawful to discriminate against an individual, or to subject an individual to harassment, due to age, race, creed, color, national origin, sexual orientation, gender identity or expression, military status, sex, disability, predisposing genetic characteristics, familial status, marital status, or status as a victim of domestic violence. Accordingly, the Authority requires that any Offeror of a proposal or bid, agree to sign the following statement regarding unlawful discriminatory practices, including, but not limited to sexual harassment, under penalty of perjury. This statement should be provided to the Authority as early as possible in the procurement process, but not later than at the time of execution of a contract with the Authority. Failure to agree to sign the statement may result in the Authority deeming the bid or proposal withdrawn by the Offerer.

Offerer Statement:

I certify, under penalty of perjury, that the following statements are accurate:

- *Offerer is aware of its obligations under the Human Rights Law (Executive Law §290, et. seq.)*
- *Offerer complies with the provisions of Executive Law §290, et. seq., including Executive Law §296, and does not permit unlawful discriminatory practices or harassment based on an individual’s age, race, creed, color, national origin, sexual orientation, gender identity or expression, military status, sex, disability, predisposing genetic characteristics, familial status, marital status, or status as a victim of domestic violence in its workplace.*
- *Offerer complies with the provisions of Labor Law §201-g, has implemented a written policy addressing sexual harassment in the workplace which meets the minimum standards of Labor Law §201-g, and provides annual sexual harassment prevention training to all of its employees.*

By: _____ Date: _____

Name: _____

Title: _____

Offerer Name: _____

Offerer Address: _____

ERIE COUNTY WATER AUTHORITY
APPENDIX B
FIXED RATES FOR SPECIAL SERVICES

FIXED RATES FOR CONTINGENCY ITEMS

<i>Title/Grade</i>	<i>Hourly Billing Rate</i>

ERIE COUNTY WATER AUTHORITY

APPENDIX C

INSURANCE REQUIREMENTS

APPENDIX C
INSURANCE REQUIREMENTS FOR PROFESSIONAL SERVICES CONTRACT FOR
CONSULTING ENGINEERING SERVICES

PFAS PLANNING STUDY

ECWA Project No. 202600008

The following minimum insurance requirements shall apply to vendors providing services to the Erie County Water Authority (the Authority). If a service or project, in the opinion of the Authority, represents an unusual or exceptional risk, the Authority may establish additional insurance requirements for that service or project. All insurance required herein shall be obtained at the sole cost and expense of the contractor, including deductibles and self-insured retentions, and shall be in full force and effect on the contract commencement date and for the duration of the contract. These requirements include but are not limited to the minimum insurance requirements.

Insurance Requirements:

a. Workers Compensation:

Part 1: Workers Compensation: Statutory

Part 2: Employers Liability: \$1,000,000.

Note: If New York State domiciled employees are used, coverage to be New York Statutory for both Parts 1 and 2

b. New York Disability Benefits Liability: Statutory coverage if New York State domiciled employees are used.

c. Commercial General Liability:

- \$2,000,000. General Aggregate
- \$2,000,000. Products/Completed Operations Aggregate
- \$1,000,000. Each Occurrence
- \$1,000,000. Personal Injury/Advertising Liability
- Per Project/Job Aggregate Limit Required
- Erie County Water Authority to be scheduled as an Additional Insured for both ongoing and completed operations (attach Additional Insured endorsement to Certificate of Insurance)
- Insurance to be primary and non-contributory.

d. Automobile Liability:

- \$1,000,000. Each Accident
- Erie County Water Authority to be scheduled as an Additional Insured.

e. Umbrella Liability:

- \$5,000,000. Each Occurrence
- \$5,000,000. Aggregate
- Per Project/Job Aggregate Limit Required

- Erie County Water Authority to be scheduled as an Additional Insured

f. Professional Liability:

- \$2,000,000. Per Claim
- \$2,000,000. Aggregate

Certificates of Insurance to be provided to the Authority prior to start of work as follows:

ACORD 25 including copy of Additional Insured Endorsement

Note: If coverage provided for NYS domiciled employees require Forms C 105.2 and DB 120.1 for Workers Compensation and NYS DBL.

Certificates of Insurance, on forms approved by the New York State Department of Insurance, must be submitted to the Authority prior to the award of contract. Renewals of Certificates of Insurance, on forms approved by the New York State Department of Insurance, must be received by the Authority 30 days prior to the expiration of the insurance policy period.

Certificates of Insurance and renewals, on forms approved by the New York State Department of Insurance, must be submitted to the Authority prior to the award of contract.

Each insurance carrier issuing a Certificate of Insurance shall be rated by A. M. Best no lower than “A-” with a Financial Strength Code (FSC) of at least VII.

The professional service provider shall name the Authority, its officers, agents and employees as additional insured on a Primary and Non-Contributory Basis, including a Waiver of Subrogation endorsement (form CG 20 26 11 85 or equivalent), on all applicable liability policies.

Any liability coverage on a “claims made” basis should be designated as such on the Certificate of Insurance. Such insurance shall continue through the term of this Agreement and vendor shall purchase at his sole expense either 1) an Extended Reporting Endorsement (also, known as Tail Coverage); or 2) Prior Acts Coverage from new insurer with a retroactive date back to the date of, or prior to, the inception of this Agreement; or 3) demonstrate through Certificates of Insurance that vendor has Maintained continuous coverage with the same or original insurer. Coverage provided under items; 1), 2), or 3) will continue as long as the law allows.

To avoid confusion with similar insurance company names and to properly identify the insurance company, please make sure that the insurer’s National Association of Insurance Commissioners (N.A.I.C.) identifying number or A. M. Best identifying number appears on the Certificate of Insurance. Also, at the top of the Certificate of Insurance, please list the project number.

Acceptance of a Certificate of Insurance and/or approval by the Authority shall not be construed to relieve the outside vendor of any obligations, responsibilities or liabilities. Certificates of Insurance should be e-mailed to mmusarra@ecwa.org or mailed to Ms. Molly Jo Musarra, Claim Representative/Risk Manager Erie County Water Authority, 295 Main Street – Room 350, Buffalo, New York 14203-2494, or if you have any questions you can contact Ms. Musarra by e-mail or phone (716) 849-8465.

ERIE COUNTY WATER AUTHORITY

APPENDIX D

ADDENDUM AGREEMENT

APPENDIX D

[THIS FORM IS INTENDED TO BE USED AS AN EXHIBIT OR ADDENDUM TO ANY SUBCONTRACT — IT SHOULD NOT BE USED BY ITSELF AS A SOLE CONTRACT DOCUMENT]

ADDENDUM AGREEMENT

This Addendum to the Agreement (“Addendum Agreement”) between [**Insert name of Upstream Contractor or Upstream Subcontractor**] (hereinafter referenced as “Contractor”) and [**Insert name of Downstream Subcontractor**] (hereinafter referenced as “Subcontractor”) is being entered into by the parties for any and all work done for, with, or on behalf of **the Erie County Water Authority** (hereinafter the “Authority”) under the Primary Contract No. _____, Project No. _____ [**Insert Project Description**] with [**Insert name of Contractor**], a copy of which may be obtained from [**Insert name and contract information of the entity**].

In accordance with the terms and conditions of the Primary Contract No. _____ entered into with the Erie County Water Authority, an **ACORD25-Certificate of Liability Insurance** and **ACORD 855 NY-NY Construction Certificate of Liability Addendum** shall be provided evidencing the following insurance is currently maintained and in force with an insurance carrier approved to do business in the State of New York and maintaining an A.M. Best Rating of A- or better showing the Authority as Certificate Holder and additional insured. You should share these requirements with your current insurance agent, broker or insurance company.

Insurance Requirements

Prior to the commencement of any work designated in any contract or agreement to which this Addendum Agreement is attached, and until at least the final completion and acceptance of the work under the contract or agreement to which this Addendum Agreement is attached, the Subcontractor, at its sole expense, shall maintain the following minimum insurance on its own behalf, and furnish to the Authority certificates of insurance evidencing same and reflecting the effective date of such coverage as listed below. In no event shall the failure to provide this proof, prior to the commencement of the work, be deemed a waiver by the Authority of the Subcontractor’s obligation to maintain the insurance set forth herein. The insurance required shall not be canceled, not renewed or materially changed after the issuance of the certificate of insurance required by this Addendum Agreement.

A. Worker’s Compensation, Occupational Disease & Employer’s Liability Insurance:

Worker’s Compensation, Occupational Disease & Employer’s Liability Insurance in accordance with the applicable laws and statutes to cover any injuries or illness to employees and any other person eligible for compensation, and the liability of the employer thereof to any person or organization, as follows:

Worker’s Compensation & Occupational Disease: Statutory

Employer's Liability: \$1,000,000 bodily injury by accident or disease, except for work work/employers subject to the New York Worker's Compensation Law, in which this insurance shall be unlimited.

All such coverage shall: not contain any exclusion for injuries to sole proprietors, partners, members of limited liability companies or executive officers of any corporate entity; and provide for a "Waiver of Subrogation" endorsement in favor of the Owner/Contractor.

Any Contractor/Subcontractor with a principal place of business located outside of the State of New York must include New York under Part 3A of the policy.

B. Commercial General Liability:

Commercial general liability insurance as provided under the ISO Commercial General Liability Coverage Form, CG 00 01, or its equivalent, for claims of Bodily Injury, Property Damage and Personal and Advertising Injury, with limits of not less than:

Per Occurrence and Personal & Advertising Injury-	\$1,000,000.00
General Aggregate & Products/Completed Operations Aggregate-	\$2,000,000.00
Fire Damage Legal Liability/Damage to Rented Property-	\$100,000.00
Medical Payment (per-person)	\$5,000.00

The coverage must include the following:

1. Liability assumed by the insured in an "insured contract" as that term is defined in the ISO Commercial General Liability Coverage Form, CG 00 01.
2. Products/Completed Operations liability for a period of three years after acceptance of the work.
3. A per project aggregate of \$ 2,000,000.00.
4. A "Waiver of Subrogation" Endorsement in favor of the Owner/Contractor.
5. Exterior Insulation Finish System ("EFIS") coverage must be specifically included or provided separately where the Contractor/Subcontractor work under this Agreement or in any contract or agreement to which this Addendum is attached in any way involves EFIS.
6. The coverage shall not include any provision, definition, exclusion or endorsement which in any way would serve to eliminate the insurance to any insured or additional insured for liability for bodily injury or property damage arising from work performed in New York State, for claims made under the New York Labor Law or for claims made by employees, subcontractors and employees of subcontractors hired to perform work by any insured or additional insured pursuant to work that is subject to this Addendum Agreement or in any contract or agreement to which this Addendum Agreement is attached.

7. The insurance is to be provided through insurers licensed and admitted to do business in the State of New York, with an A. M. Best financial rating of A- or better, or otherwise specifically approved by the Owner.

The Authority, its officers, directors, partners, representatives, agents, and employees must be named as Additional Insureds on a primary and non-contributory basis on both the ongoing and completed operations coverage required herein utilizing the ISO endorsements: CG 2010 04 13 or CG 2038 04 13 (or their equivalent) for ongoing operations; and CG 2037 04 13 (or its equivalent) for completed operations. The Additional Insured coverage shall contain no special limitation or limitation on the scope of the protection afforded to the Additional Insureds.

C. Commercial Automobile Liability Insurance:

Commercial Automobile Liability insurance covering the ownership, maintenance and use of all Owned, Non-Owned and Hired Vehicles by the Subcontractor with combined Bodily Injury and Property Damage limits including pollution transit coverage of \$1,000,000.00 per accident. The Authority, its officers, directors, partners, representatives, agents, and employees must be named as Additional Insureds on a primary and non- contributory basis. A “Waiver of Subrogation” in favor of the Authority must be included.

D. Commercial Umbrella/Excess Liability Insurance:

Commercial Umbrella/Excess Liability Insurance with limits of \$5,000,000.00 per occurrence and a \$5,000,000.00 aggregate. The Authority, its officers, directors, partners, representatives, agents, and employees must be named as Additional Insureds on a be included.

E. Professional Liability:

- \$2,000,000 per claim
- \$2,000,000 aggregate

JOB-SITE SAFETY:

The Authority makes no representation with respect to the physical conditions or safety of the Project Site. The Subcontractor shall, at its own expense, protect from injury its employees engaged in the performance of the Work. The prevention of accidents to all workers engaged in the Subcontractor’s work and others affected by the Subcontractor’s work is the responsibility of the Subcontractor. Subcontractor shall comply with all applicable federal, state, labor and local laws, regulations and codes concerning safety.

For purposes of this Addendum Agreement, “Project Site” means the entire construction site or the various separately identifiable part of the site described in any contract or agreement to which the Addendum Agreement is attached, and as described in the Primary Contract with the Authority.

WORKERS COMP IMMUNITY WAIVER:

In any and all claims against the Authority by any employee of the Subcontractor, anyone directly or indirectly employed by the Subcontractor (including any of the Subcontractor's subcontractors) or anyone for whose acts the Subcontractor may be liable, the indemnification obligation shall not be limited by any limitation on the amount or type of damages, compensation or benefits payable by or for the Subcontractor under workers' compensation acts, disability benefit acts or other employee benefit acts.

HOLD HARMLESS / INDEMNIFICATION:

To the fullest extent permitted by law, Subcontractor shall defend, indemnify and hold harmless the Authority and its heirs, executors, administrators, successors, assigns, affiliates, employees and agents (hereinafter referenced as "Owner Indemnitees") from and against any and all actions, claims, liabilities, damages, losses and expenses, including but not limited to bodily injury, death and property damage, and reasonable attorney's fees and costs (including those incurred in the defense of any such underlying claim, as well as those incurred in the enforcement of this Addendum Agreement and/or in the prosecution of any claim for indemnification by Authority) arising out of or resulting from, or alleged to arise out of or result from, the Subcontractor's work (including the work by any of the Subcontractor's subcontractors), except to the extent caused by the negligence or willful misconduct of any Owner Indemnitees.

MISCELLANEOUS:

If any term or provision of this Addendum Agreement conflicts with or is otherwise inconsistent with any term or provision in the Primary Contract or any prior written agreement entered between the parties, the terms and provisions contained herein shall govern and control.

This Addendum Agreement shall be binding upon and inure to the benefit of the parties hereto and their successors and permitted assigns. This Addendum Agreement, its terms and any claims arising therefrom, shall be interpreted and construed in accordance with the laws of the State of New York.

This Addendum Agreement may be executed via facsimile or email in any number of counterparts, all of which taken together shall constitute one and the same agreement. No waiver by a party of any breach by the other party of any of the provisions of this Agreement shall be deemed a waiver of any preceding or succeeding breach of the same or any other provisions hereof. No such waiver shall be effective unless in writing and then only to the extent expressly set forth in writing.

No modification or amendment of this Addendum Agreement shall be effective unless in writing and signed by both parties and approved in writing by the Authority. If any term or provision of this Addendum Agreement shall to any extent be invalid or unenforceable, the remainder of this Addendum Agreement shall not be affected thereby, and each provision of this Addendum Agreement shall be valid and enforceable to the fullest extent permitted by law.

[Insert name of Upstream Contractor or Upstream Subcontractor]

[Insert name of Downstream Subcontractor]

[Print Name and Title of Representative]

[Print Name and Title of Representative]

Date:

Date:

ERIE COUNTY WATER AUTHORITY

APPENDIX E

CONFIDENTIALITY AND NON-DISCLOSURE AGREEMENT



ERIE COUNTY WATER AUTHORITY CONFIDENTIALITY & NON-DISCLOSURE AGREEMENT

THIS CONFIDENTIALITY & NON-DISCLOSURE AGREEMENT (hereinafter “Agreement”) is hereby executed between:

ERIE COUNTY WATER AUTHORITY
295 Main Street, Room 350
Buffalo, New York 14203

hereinafter referred to as the “Authority”, and

XYZ ENGINEERING FIRM
0000 Street, Suite 000
City, State, ZIP

hereinafter referred to as the “Consultant.”

Certification & Affirmation

Name, Title, an individual who is Consultant’s duly authorized representative (hereafter “Authorized Representative”), by signing this Agreement in the name and on behalf of the Consultant, subscribes and affirms the following:

1. that he/she is signing this Agreement on behalf of Consultant intending to bind said Consultant to the representations made in this Agreement,
2. that Consultant will comply with all requirements of this Agreement, and
3. that Consultant will certify the return or destruction of Confidential Information received as specified in this Agreement, if applicable.

Purpose

This Agreement is being entered into regarding services being provided by Consultant in response to a Request for Proposals (RFP No. 202500188) and the contract resulting from the RFP.

PART 1. DEFINITIONS

A. Confidential Information

Confidential Information shall be defined to include any information, regardless of form or medium of disclosure (e.g., verbal, hard copy, or electronic) or the source of information (e.g., electronic systems licensed by third-party contractors), which the Authority provides to



ERIE COUNTY WATER AUTHORITY CONFIDENTIALITY & NON-DISCLOSURE AGREEMENT

Consultant, or which Consultant obtains, discovers, derives, or otherwise becomes aware solely because of Consultant's contractual relationship with the Authority.

Confidential information does not include the following:

- (a) information that is previously rightfully known to Consultant without restriction on disclosure,
- (b) information that is or becomes, from no act or failure to act on the part of Consultant, generally known in the relevant industry or in the public domain, or
- (c) information that is independently developed by Consultant without the use of Confidential Information.

Title to all Confidential Information remains the property of the Authority. Confidential Information is provided on an "as is" basis, and the Authority makes no warranties, guarantees or representations of any kind express or implied, or arising by custom or trade usage, as to any matter whatsoever, without limitation, and specifically makes no implied warranty of fitness for any particular purpose or use, including but not limited to adequacy, accuracy, completeness or conformity to any representation, description, sample, or model.

B. Authorized Use

"Authorized Use" shall be defined as the use of Confidential Information by Consultant, its employees, or agents, solely for the purpose of performing the services as agreed to, as now or hereafter modified, or amended. Disclosure, display, use, duplication, storage, or transmittal of Confidential Information, in any form, for any purpose other than as agreed to, including extrapolation or retention of summary information, data or business processes, even if without specific identifiers, shall be deemed an "unauthorized use."

C. Authorized Person

"Authorized Person" shall be defined as those persons within Consultant's employ or control identified by Consultant to the Authority as having a need to receive, possess, store, access, or view Confidential Information for an Authorized Use.



ERIE COUNTY WATER AUTHORITY CONFIDENTIALITY & NON-DISCLOSURE AGREEMENT

PART 2. CONFIDENTIALITY & NON-DISCLOSURE REQUIREMENTS

A. Duty to Protect Confidential Information

Upon proper execution of this Agreement, Consultant will be granted a non-exclusive, non-transferable license to display, use, duplicate, store, and disclose Confidential Information only for an Authorized Use. Consultant shall safeguard all Confidential Information which is delivered from the Authority to Consultant to ensure its authorized use and to protect and prevent its unauthorized use or disclosure.

“Safeguard all Confidential Information” shall be defined as Consultant taking either one, or a combination of the following security measures, whichever standard is higher:

- (a) Where Consultant has established security procedures for its own confidential, sensitive business information which impose security requirements for the protection of its own trade secret, proprietary or confidential information, Consultant shall protect the Confidential Information using the same means; and/or
- (b) Where Consultant has not established such internal procedures, Consultant shall take the commercial measures defined below, to protect the Confidential Information.

B. Commercial Measures to Protect Confidential Information

For purposes of this Agreement, “commercial measures” shall be defined and will include each of the following responsibilities to be undertaken by Consultant:

1. Use Restriction

Confidential Information shall only be received, possessed, stored, accessed and/or viewed by Authorized Persons.

2. Access by Authorized Person(s)

- a. Consultant shall be responsible for identifying those persons within its employ or control (e.g., employees and agents) who have a need to receive, possess, store, access, or view Confidential Information for an authorized use (hereinafter “Authorized Person(s)”).
- b. Consultant shall be required to take commercially reasonable steps to inform each Authorized Person of their individual obligation to protect the security of Confidential Information in accordance with the requirements of this Agreement.



ERIE COUNTY WATER AUTHORITY CONFIDENTIALITY & NON-DISCLOSURE AGREEMENT

- c. Consultant shall not permit Confidential Information to be received, possessed, stored, accessed, or viewed by any Authorized Person until such person has agreed and acknowledged in writing to comply with the required security obligations set forth below.

3. Access by Third-Party Consultant or Subcontractor

- a. Consultant shall not permit Confidential Information to be received, possessed, stored, accessed, or viewed by any third-party consultant or subcontractor without the express written consent of the Authority's General Counsel.
- b. The Authority's General Counsel may only give such written consent after the legal representative of the third-party consultant or subcontractor has been made aware of and has agreed in writing to comply with the required security obligations of this Agreement.
- c. If such written consent is given by the Authority's General Counsel, the third-party consultant or subcontractor shall not be allowed to further disseminate or distribute Confidential Information, other than to provide access by Authorized Person(s) within third-party consultant's or subcontractor's control and oversight.

4. Security Obligations Regarding Confidential Information

Any person(s) who receive, possess, store, access, or view Confidential Information from either Consultant or its approved third-party consultant or subcontractor (hereinafter "Custodian") shall be subject to the following security obligations:

- a. Custodian is the SOLE entity authorized to duplicate, distribute, or otherwise transmit Confidential Information,
- b. Custodian's legal representative must approve any process used to duplicate, distribute, or otherwise transmit Confidential Information to Authorized Person(s), and may NOT approve or use any process which involves the use of any public internet or other non-secure medium,
- c. Unless otherwise authorized by Custodian's legal representative, Confidential Information may NOT be stored on personal (non-business) computing or other electronic devices (including zip drives, thumb drives, disks, or any similar computing storage or copying device) or taken or removed in any form outside of the physical premises of Custodian.



ERIE COUNTY WATER AUTHORITY CONFIDENTIALITY & NON-DISCLOSURE AGREEMENT

- d. Confidential Information may only be duplicated, distributed, or otherwise transmitted “as is”, without alteration of any kind. “Confidential” or “Copyright” notices, whether originally in physical or electronic medium, shall not be removed from and shall be duplicated on Confidential Information when such information is duplicated, distributed, or otherwise transmitted pursuant to (b) above.
- e. Other than as set forth in (a-d), above, Confidential Information may not be duplicated, distributed, stored, or otherwise transmitted or communicated to or by any person or system. Authorized Person(s) may not copy, re-duplicate, re-transmit or re-distribute Confidential Information, in any form, whether whole or in part, or in any medium, whether electronic or hard copy.
- f. Upon termination of employment, or upon completion or expiration of the services performed by Consultant or any third-party party consultant or subcontractor, each Authorized Person(s) shall be required to return Confidential Information to Custodian’s legal representative, and/or to certify that all electronic, optical, or other copies have been destroyed within any electronic storage or other medium, and all device(s) used or provided to and in the possession of such Authorized Person for the possession or storage of Confidential Information shall be surrendered and returned to the Custodian who shall then deliver it to the Authority for whatever forensic review of the activity logged into or disseminated from said device(s) the Authority may determine to implement.

5. Chain of Custody

Consultant shall be required to keep a record of all copies of the Confidential Information that have been made and distributed to those persons within the employ of Consultant, and to any third-party consultant or subcontractor who has a need to access Confidential Information for such authorized use.

Any third-party consultant or subcontractor receiving Confidential Information from Consultant shall, as a condition of accessing such information, certify that such entity shall keep a record of all copies of the Confidential Information that have been made and distributed to those persons within the employ of such entity, and that such entity will provide its written certification of compliance with the provisions of this Agreement to the Consultant.

Consultant shall make all Chain of Custody documentation set forth in this section available to the Authority upon request.



ERIE COUNTY WATER AUTHORITY CONFIDENTIALITY & NON-DISCLOSURE AGREEMENT

Termination

The license to use, possess, or retain any Confidential Information or any of the devices upon which it was accessed, downloaded, transferred or stored, terminates automatically upon the happening of any of the following: (a) breach of this agreement or (b) completion of Consultant's services as agreed to or (c) any notice of termination by the Authority of the services agreement with or without cause and solely on the demand of the Authority to any representative of the Consultant (given orally or in writing in any format) without regard to any other claims, controversies, demands, or alleged legal rights claimed by Consultant, including but not limited to any amounts alleged to be owed for services rendered or any other legal or equitable claims. Consultant and all prior Authorized Users shall be legally liable, both criminally and civilly, for any violation of this provision which shall be deemed a wrongful taking or withholding of the Confidential Information to the same extent as if it had been obtained by all such parties without the Authority's permission and consent in the first instance.

The confidentiality obligations under this Agreement shall be perpetual (unless otherwise provided in this Agreement) or until such time as the Confidential Information is no longer considered protected, confidential and/or privileged by the Authority.

Compliance

Should Consultant breach or threaten to breach this Agreement, the Authority shall have all equitable and legal rights (including the right to obtain injunctive relief) to prevent such breach and/or to be fully compensated (including reasonable attorney's fees) for losses or damages resulting from such breach. Consultant is deemed to acknowledge that compensation for damages may not be sufficient and that injunctive relief to prevent or limit any breach of confidentiality may be the only viable remedy to fully protect the Confidential Information.

Consultant affirms that its employees with access to Confidential Information will not disclose such Confidential Information to anyone, except as provided in this Agreement. In addition, Authorized Persons shall safeguard all Confidential Information from unauthorized access, loss, theft, destruction, and the like. Consultant shall notify the Authority immediately upon becoming aware that Confidential information is in the possession of or has been disclosed to an unauthorized person or entity.

Governing Laws

This Agreement shall be governed by and construed in accordance with the laws of the State of New York. If any provision of Agreement is declared by a court of competent jurisdiction to be invalid, illegal, or unenforceable, the other provisions shall remain in full force and effect.

ERIE COUNTY WATER AUTHORITY

APPENDIX F

ERIE COUNTY WATER AUTHORITY PFAS SAMPLING RESULTS



ERIE COUNTY WATER AUTHORITY

Donald F. Kane Water Quality Laboratory
 3750 River Rd
 Tonawanda, NY 14218
 (716) 685-8574



NYSDOH ELAP#: 11528

Prepped	Analyzed	Method	Analyte	Result	Units	MRL
Sample: VDW Delivered (202302083)			Sampled on 2/6/2023			
		EPA 522 - 1,4 Dioxane				
2/7/2023	2/9/2023	EPA 522	1,4 Dioxane	<1.0	ug/L	1.0
2/7/2023	2/9/2023	EPA 522	Dioxane-d8	71	%	
		EPA 537.1 - PFOA/PFOS				
2/9/2023	2/10/2022	EPA 537.1	Perfluorooctanoic acid (PFOA)	<0.0050	ug/L	0.0050
2/9/2023	2/10/2022	EPA 537.1	Perfluorooctanesulfonic acid (PFOS)	<0.0050	ug/L	0.0050
2/9/2023	2/10/2022	EPA 537.1	13C2-PFDA - Surrogate	73	%	
2/9/2023	2/10/2022	EPA 537.1	13C2-PFHxA - Surrogate	78	%	
2/9/2023	2/10/2022	EPA 537.1	13C2-PFOA - IS#1	99	%	
2/9/2023	2/10/2022	EPA 537.1	13C3-HFPO-DA - Surrogate	76	%	
2/9/2023	2/10/2022	EPA 537.1	13C4-PFOS - IS#2	97	%	
2/9/2023	2/10/2022	EPA 537.1	d3-NMeFOSAA - IS#3	98	%	
2/9/2023	2/10/2022	EPA 537.1	d5-NEtFOSAA - Surrogate	64	%	
Sample: SP Delivered (202302080)			Sampled on 2/6/2023			
		EPA 522 - 1,4 Dioxane				
2/7/2023	2/9/2023	EPA 522	1,4 Dioxane	<1.0	ug/L	1.0
2/7/2023	2/9/2023	EPA 522	Dioxane-d8	86	%	
		EPA 537.1 - PFOA/PFOS				
2/9/2023	2/10/2023	EPA 537.1	Perfluorooctanoic acid (PFOA)	<0.0050	ug/L	0.0050
2/9/2023	2/10/2023	EPA 537.1	Perfluorooctanesulfonic acid (PFOS)	<0.0050	ug/L	0.0050
2/9/2023	2/10/2023	EPA 537.1	13C2-PFDA - Surrogate	83	%	
2/9/2023	2/10/2023	EPA 537.1	13C2-PFHxA - Surrogate	86	%	
2/9/2023	2/10/2023	EPA 537.1	13C2-PFOA - IS#1	82	%	
2/9/2023	2/10/2023	EPA 537.1	13C3-HFPO-DA - Surrogate	89	%	
2/9/2023	2/10/2023	EPA 537.1	13C4-PFOS - IS#2	81	%	
2/9/2023	2/10/2023	EPA 537.1	d3-NMeFOSAA - IS#3	82	%	
2/9/2023	2/10/2023	EPA 537.1	d5-NEtFOSAA - Surrogate	70	%	

Validation By: *Abouma Yiguel*

Date: 3/21/2023



ERIE COUNTY WATER AUTHORITY

Donald F. Kane Water Quality Laboratory
 3750 River Rd
 Tonawanda, NY 14218
 (716) 685-8574



NYSDOH ELAP#: 11528

Prepped	Analyzed	Method	Analyte	Result	MCL	MRL	Notification Levels
Sample: VDW Delivered (202305431)			Sampled on 4/3/2023				
EPA 522 - 1,4 Dioxane							
4/11/2023	4/11/2023	EPA 522	1,4 Dioxane	<1.0 ppb	1.0 ppb	1 ppb	
4/11/2023	4/11/2023	EPA 522	Dioxane-d8	80	%		
Sample: VDW Delivered (202305428)			Sampled on 4/18/2023				
EPA 533 - PFOA/PFOS							
4/19/2023	4/19/2023	EPA 533	Perfluorooctanoic acid (PFOA)	<2.0 ppt	10 ppt	2.0 ppt	
4/19/2023	4/19/2023	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<2.0 ppt	10 ppt	2.0 ppt	
4/19/2023	4/19/2023	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.0 ppt	10 ppt	2.0 ppt	
4/19/2023	4/19/2023	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.0 ppt	10 ppt	2.0 ppt	
4/19/2023	4/19/2023	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0 ppt	10 ppt	2.0 ppt	
4/19/2023	4/19/2023	EPA 533	Perfluorononanoic Acid (PFNA)	<2.0 ppt	10 ppt	2.0 ppt	
			PFAS6	<2.0 ppt	30 ppt	2.0 ppt	30 ppt
4/19/2023	4/19/2023	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.0 ppt	NE	2.0 ppt	10ppt
4/19/2023	4/19/2023	EPA 533	13C8 PFOA	93	%		
4/19/2023	4/19/2023	EPA 533	13C8 PFOS	100	%		
4/19/2023	4/19/2023	EPA 533	13C4 PFHpA	98	%		
4/19/2023	4/19/2023	EPA 533	13C3 PFHxS	105	%		
4/19/2023	4/19/2023	EPA 533	13C6 PFDA	83	%		
4/19/2023	4/19/2023	EPA 533	13C9 PFNA	86	%		
Sample: SP Delivered (202306331)			Sampled on 4/3/2023				
EPA 522 - 1,4 Dioxane							
4/11/2023	4/11/2023	EPA 522	1,4 Dioxane	<1.0 ppb	1.0 ppb	1.0	
4/11/2023	4/11/2023	EPA 522	Dioxane-d8	71	%		
Sample: SP Delivered (202306333)			Sampled on 4/18/2023				
EPA 533 - PFOA/PFOS							
4/19/2023	4/19/2023	EPA 533	Perfluorooctanoic acid (PFOA)	<2.0 ppt	10 ppt	2.0 ppt	
4/19/2023	4/19/2023	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<2.0 ppt	10 ppt	2.0 ppt	
4/19/2023	4/19/2023	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.0 ppt	10 ppt	2.0 ppt	
4/19/2023	4/19/2023	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.0 ppt	10 ppt	2.0 ppt	
4/19/2023	4/19/2023	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0 ppt	10 ppt	2.0 ppt	
4/19/2023	4/19/2023	EPA 533	Perfluorononanoic Acid (PFNA)	<2.0 ppt	10 ppt	2.0 ppt	
			PFAS6	<2.0 ppt	30 ppt	2.0 ppt	30 ppt
4/19/2023	4/19/2023	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.0 ppt	NE	2.0 ppt	10ppt
4/19/2023	4/19/2023	EPA 533	13C8 PFOA	86	%		
4/19/2023	4/19/2023	EPA 533	13C8 PFOS	94	%		
4/19/2023	4/19/2023	EPA 533	13C4 PFHpA	93	%		
4/19/2023	4/19/2023	EPA 533	13C3 PFHxS	99	%		
4/19/2023	4/19/2023	EPA 533	13C6 PFDA	77	%		
4/19/2023	4/19/2023	EPA 533	13C9 PFNA	77	%		

NE = Not Established

Validation By: *Shirley Taylor*

Date: 5/11/2023



ERIE COUNTY WATER AUTHORITY

Donald F. Kane Water Quality Laboratory
3750 River Rd
Tonawanda, NY 14218
(716) 685-8574



NYSDOH ELAP#: 11528

Prepped	Analyzed	Method	Analyte	Result	MCL	MRL	Notification Levels
Sample: VDW Delivered (202310901)			Sampled on 7/5/2023				
EPA 522 - 1,4 Dioxane							
7/12/2023	7/14/2023	EPA 522	1,4 Dioxane	<1.0 ppb	1.0 ppb	1.0ppb	
7/12/2023	7/14/2023	EPA 522	Dioxane-d8	92	%		
Sample: VDW Delivered (202310901)			Sampled on 7/5/2023				
EPA 533 - PFOA/PFOS							
7/10/2023	7/11/2023	EPA 533	Perfluorooctanoic acid (PFOA)	<2.0 ppt	10 ppt	2.0 ppt	
7/10/2023	7/11/2023	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<2.0 ppt	10 ppt	2.0 ppt	
7/10/2023	7/11/2023	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.0 ppt	10 ppt	2.0 ppt	
7/10/2023	7/11/2023	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.0 ppt	10 ppt	2.0 ppt	
7/10/2023	7/11/2023	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0 ppt	10 ppt	2.0 ppt	
7/10/2023	7/11/2023	EPA 533	Perfluorononanoic Acid (PFNA)	<2.0 ppt	10 ppt	2.0 ppt	
			PFAS6	<2.0 ppt	30 ppt	2.0 ppt	30 ppt
7/10/2023	7/11/2023	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.0 ppt	NE	2.0 ppt	10ppt
7/10/2023	7/11/2023	EPA 533	13C8 PFOA	99	%		
7/10/2023	7/11/2023	EPA 533	13C8 PFOS	79	%		
7/10/2023	7/11/2023	EPA 533	13C4 PFHpA	96	%		
7/10/2023	7/11/2023	EPA 533	13C3 PFHxS	117	%		
7/10/2023	7/11/2023	EPA 533	13C6 PFDA	78	%		
7/10/2023	7/11/2023	EPA 533	13C9 PFNA	80	%		
Sample: SP Delivered (202310900)			Sampled on 7/5/2023				
EPA 522 - 1,4 Dioxane							
7/12/2023	7/14/2023	EPA 522	1,4 Dioxane	<1.0 ppb	1.0 ppb	1.0ppb	
7/12/2023	7/14/2023	EPA 522	Dioxane-d8	88	%		
Sample: SP Delivered (202310900)			Sampled on 7/5/2023				
EPA 533 - PFOA/PFOS							
7/10/2023	7/11/2023	EPA 533	Perfluorooctanoic acid (PFOA)	<2.0 ppt	10 ppt	2.0 ppt	
7/10/2023	7/11/2023	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<2.0 ppt	10 ppt	2.0 ppt	
7/10/2023	7/11/2023	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.0 ppt	10 ppt	2.0 ppt	
7/10/2023	7/11/2023	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.0 ppt	10 ppt	2.0 ppt	
7/10/2023	7/11/2023	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0 ppt	10 ppt	2.0 ppt	
7/10/2023	7/11/2023	EPA 533	Perfluorononanoic Acid (PFNA)	<2.0 ppt	10 ppt	2.0 ppt	
			PFAS6	<2.0 ppt	30 ppt	2.0 ppt	30 ppt
7/10/2023	7/11/2023	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.0 ppt	NE	2.0 ppt	10ppt
7/10/2023	7/11/2023	EPA 533	13C8 PFOA	99	%		
7/10/2023	7/11/2023	EPA 533	13C8 PFOS	78	%		
7/10/2023	7/11/2023	EPA 533	13C4 PFHpA	96	%		
7/10/2023	7/11/2023	EPA 533	13C3 PFHxS	113	%		
7/10/2023	7/11/2023	EPA 533	13C6 PFDA	73	%		
7/10/2023	7/11/2023	EPA 533	13C9 PFNA	78	%		

NE = Not Established

Validation By: *Abirna Siqueira*
I:\PUBLIC\LAB 2023\SDWS\1,4 dioxane & PF\3 Qtr 2023_EPA 522 533 Report

Date: 8/8/2023



ERIE COUNTY WATER AUTHORITY

Donald F. Kane Water Quality Laboratory
3750 River Rd
Tonawanda, NY 14218
(716) 685-8574



NYSDOH ELAP#: 11528

Prepped	Analyzed	Method	Analyte	Result	MCL	MRL	Notification
Sample: VDW Delivered (202317562)				Sampled on 10/23/2023			Levels
EPA 522 - 1,4 Dioxane							
10/24/2023	10/25/2023	EPA 522	1,4 Dioxane	<1.0 ppb	1.0 ppb	1.0ppb	
10/24/2023	10/25/2023	EPA 522	Dioxane-d8	91	%		
Sample: VDW Delivered (202316262)				Sampled on 10/2/2023			
EPA 533 - PFOA/PFOS							
10/3/2023	10/4/2023	EPA 533	Perfluorooctanoic acid (PFOA)	<2.0 ppt	10 ppt	2.0 ppt	
10/3/2023	10/4/2023	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<2.0 ppt	10 ppt	2.0 ppt	
10/3/2023	10/4/2023	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.0 ppt	10 ppt	2.0 ppt	
10/3/2023	10/4/2023	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.0 ppt	10 ppt	2.0 ppt	
10/3/2023	10/4/2023	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0 ppt	10 ppt	2.0 ppt	
10/3/2023	10/4/2023	EPA 533	Perfluorononanoic Acid (PFNA)	<2.0 ppt	10 ppt	2.0 ppt	
			PFAS6	<2.0 ppt	30 ppt	2.0 ppt	30 ppt
10/3/2023	10/4/2023	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.0 ppt	NE	2.0 ppt	10ppt
10/3/2023	10/4/2023	EPA 533	13C8 PFOA	107	%		
10/3/2023	10/4/2023	EPA 533	13C8 PFOS	112	%		
10/3/2023	10/4/2023	EPA 533	13C4 PFHpA	106	%		
10/3/2023	10/4/2023	EPA 533	13C3 PFHxS	101	%		
10/3/2023	10/4/2023	EPA 533	13C6 PFDA	113	%		
10/3/2023	10/4/2023	EPA 533	13C9 PFNA	120	%		
Sample: SP Delivered (202317561)				Sampled on 10/23/2023			
EPA 522 - 1,4 Dioxane							
10/24/2023	10/25/2023	EPA 522	1,4 Dioxane	<1.0 ppb	1.0 ppb	1.0ppb	
10/24/2023	10/25/2023	EPA 522	Dioxane-d8	106	%		
Sample: SP Delivered (202316259)				Sampled on 10/2/2023			
EPA 533 - PFOA/PFOS							
10/3/2023	10/4/2023	EPA 533	Perfluorooctanoic acid (PFOA)	<2.0 ppt	10 ppt	2.0 ppt	
10/3/2023	10/4/2023	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<2.0 ppt	10 ppt	2.0 ppt	
10/3/2023	10/4/2023	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.0 ppt	10 ppt	2.0 ppt	
10/3/2023	10/4/2023	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.0 ppt	10 ppt	2.0 ppt	
10/3/2023	10/4/2023	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0 ppt	10 ppt	2.0 ppt	
10/3/2023	10/4/2023	EPA 533	Perfluorononanoic Acid (PFNA)	<2.0 ppt	10 ppt	2.0 ppt	
			PFAS6	<2.0 ppt	30 ppt	2.0 ppt	30 ppt
10/3/2023	10/4/2023	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.0 ppt	NE	2.0 ppt	10ppt
10/3/2023	10/4/2023	EPA 533	13C8 PFOA	102	%		
10/3/2023	10/4/2023	EPA 533	13C8 PFOS	111	%		
10/3/2023	10/4/2023	EPA 533	13C4 PFHpA	104	%		
10/3/2023	10/4/2023	EPA 533	13C3 PFHxS	90	%		
10/3/2023	10/4/2023	EPA 533	13C6 PFDA	112	%		
10/3/2023	10/4/2023	EPA 533	13C9 PFNA	112	%		

NE = Not Established

Validation By: *Abouma Yigle*

Date: 10/27/2023



ERIE COUNTY WATER AUTHORITY

Donald F. Kane Water Quality Laboratory
3750 River Rd
Tonawanda, NY 14218
(716) 685-8574



NYSDOH ELAP#: 11528

Prepped	Analyzed	Method	Analyte	Result	MCL	MRL	Notification
Sample: VDW Delivered 202400600			Sampled on 1/8/2024				
EPA 533 - PFOA/PFOS							
1/12/2024	1/12/2024	EPA 533	Perfluorooctanoic acid (PFOA)	<2.0 ppt	10 ppt	2.0 ppt	
1/12/2024	1/12/2024	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<2.0 ppt	10 ppt	2.0 ppt	
1/12/2024	1/12/2024	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.0 ppt	10 ppt	2.0 ppt	
1/12/2024	1/12/2024	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.0 ppt	10 ppt	2.0 ppt	
1/12/2024	1/12/2024	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0 ppt	10 ppt	2.0 ppt	
1/12/2024	1/12/2024	EPA 533	Perfluorononanoic Acid (PFNA)	<2.0 ppt	10 ppt	2.0 ppt	
1/12/2024	1/12/2024		PFAS6	<2.0 ppt	30 ppt	2.0 ppt	30 ppt
1/12/2024	1/12/2024	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.0 ppt	NE	2.0 ppt	10ppt
1/12/2024	1/12/2024	EPA 533	13C8 PFOA	152	%		
1/12/2024	1/12/2024	EPA 533	13C8 PFOS	143	%		
1/12/2024	1/12/2024	EPA 533	13C4 PFHpA	155	%		
1/12/2024	1/12/2024	EPA 533	13C3 PFHxS	160	%		
1/12/2024	1/12/2024	EPA 533	13C6 PFDA	137	%		
1/12/2024	1/12/2024	EPA 533	13C9 PFNA	142	%		
Sample: SP Delivered 202400599			Sampled on 1/8/2024				
EPA 533 - PFOA/PFOS							
1/12/2024	1/12/2024	EPA 533	Perfluorooctanoic acid (PFOA)	<2.0 ppt	10 ppt	2.0 ppt	
1/12/2024	1/12/2024	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<2.0 ppt	10 ppt	2.0 ppt	
1/12/2024	1/12/2024	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.0 ppt	10 ppt	2.0 ppt	
1/12/2024	1/12/2024	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.0 ppt	10 ppt	2.0 ppt	
1/12/2024	1/12/2024	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0 ppt	10 ppt	2.0 ppt	
1/12/2024	1/12/2024	EPA 533	Perfluorononanoic Acid (PFNA)	<2.0 ppt	10 ppt	2.0 ppt	
1/12/2024	1/12/2024		PFAS6	<2.0 ppt	30 ppt	2.0 ppt	30 ppt
1/12/2024	1/12/2024	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.0 ppt	NE	2.0 ppt	10ppt
1/12/2024	1/12/2024	EPA 533	13C8 PFOA	113	%		
1/12/2024	1/12/2024	EPA 533	13C8 PFOS	108	%		
1/12/2024	1/12/2024	EPA 533	13C4 PFHpA	123	%		
1/12/2024	1/12/2024	EPA 533	13C3 PFHxS	121	%		
1/12/2024	1/12/2024	EPA 533	13C6 PFDA	101	%		
1/12/2024	1/12/2024	EPA 533	13C9 PFNA	104	%		

NE = Not Established

Validation By: _____

Date: 2/6/2024



ERIE COUNTY WATER AUTHORITY

Donald F. Kane Water Quality Laboratory
3750 River Rd
Tonawanda, NY 14218
(716) 685-8574



NYSDOH ELAP#: 11528

Prepped	Analyzed	Method	Analyte	Result	MCL	MRL	Notification Levels	
Sample: VDW Delivered 202407157			Sampled on 4/30/2024					
EPA 522 - 1,4 Dioxane								
5/1/2024	5/1/2024	EPA 522	1,4 Dioxane	<1.0 ppb	1.0 ppb	1.0ppb		
5/1/2024	5/1/2024	EPA 522	Dioxane-d8	96	%			
Sample: VDW Delivered 202405465			Sampled on 4/9/2024					
EPA 533 - PFOA/PFOS								
4/16/2024	4/16/2024	EPA 533	Perfluorooctanoic acid (PFOA)	<2.0 ppt	10 ppt	2.0 ppt		
4/16/2024	4/16/2024	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<2.0 ppt	10 ppt	2.0 ppt		
4/16/2024	4/16/2024	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.0 ppt	10 ppt	2.0 ppt		
4/16/2024	4/16/2024	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.0 ppt	10 ppt	2.0 ppt		
4/16/2024	4/16/2024	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0 ppt	10 ppt	2.0 ppt		
4/16/2024	4/16/2024	EPA 533	Perfluorononanoic Acid (PFNA)	<2.0 ppt	10 ppt	2.0 ppt		
			PFAS6	<2.0 ppt	30 ppt	2.0 ppt	30 ppt	
4/16/2024	4/16/2024	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.0 ppt	NE	2.0 ppt	10ppt	
4/16/2024	4/16/2024	EPA 533	13C8 PFOA	97	%			
4/16/2024	4/16/2024	EPA 533	13C8 PFOS	79	%			
4/16/2024	4/16/2024	EPA 533	13C4 PFHpA	117	%			
4/16/2024	4/16/2024	EPA 533	13C3 PFHxS	117	%			
4/16/2024	4/16/2024	EPA 533	13C6 PFDA	72	%			
4/16/2024	4/16/2024	EPA 533	13C9 PFNA	82	%			
Sample: SP Delivered 202407156			Sampled on 4/30/2024					
EPA 522 - 1,4 Dioxane								
5/1/2024	5/1/2024	EPA 522	1,4 Dioxane	<1.0 ppb	1.0 ppb	1.0ppb		
5/1/2024	5/1/2024	EPA 522	Dioxane-d8	107	%			
Sample: SP Delivered 202405464			Sampled on 4/9/2024					
EPA 533 - PFOA/PFOS								
4/16/2024	4/16/2024	EPA 533	Perfluorooctanoic acid (PFOA)	<2.0 ppt	10 ppt	2.0 ppt		
4/16/2024	4/16/2024	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<2.0 ppt	10 ppt	2.0 ppt		
4/16/2024	4/16/2024	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.0 ppt	10 ppt	2.0 ppt		
4/16/2024	4/16/2024	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.0 ppt	10 ppt	2.0 ppt		
4/16/2024	4/16/2024	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0 ppt	10 ppt	2.0 ppt		
4/16/2024	4/16/2024	EPA 533	Perfluorononanoic Acid (PFNA)	<2.0 ppt	10 ppt	2.0 ppt		
			PFAS6	<2.0 ppt	30 ppt	2.0 ppt	30 ppt	
4/16/2024	4/16/2024	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.0 ppt	NE	2.0 ppt	10ppt	
4/16/2024	4/16/2024	EPA 533	13C8 PFOA	101	%			
4/16/2024	4/16/2024	EPA 533	13C8 PFOS	85	%			
4/16/2024	4/16/2024	EPA 533	13C4 PFHpA	123	%			
4/16/2024	4/16/2024	EPA 533	13C3 PFHxS	121	%			
4/16/2024	4/16/2024	EPA 533	13C6 PFDA	84	%			
4/16/2024	4/16/2024	EPA 533	13C9 PFNA	88	%			

NE = Not Established

Validation By: *Abouma Yigle*

Date: 5/8/2024



ERIE COUNTY WATER AUTHORITY

Donald F. Kane Water Quality Laboratory
3750 River Rd
Tonawanda, NY 14218
(716) 685-8574



NYSDOH ELAP#: 11528

Prepped	Analyzed	Method	Analyte	Result	MCL	MRL	Notification Levels
Sample: VDW Delivered 202410896			Sampled on 7/1/2024				
EPA 522 - 1,4 Dioxane							
7/8/2024	7/9/2024	EPA 522	1,4 Dioxane	<1.0 ppb	1.0 ppb	1.0ppb	
7/8/2024	7/9/2024	EPA 522	Dioxane-d8	95	%		
Sample: VDW Delivered 202410896			Sampled on 7/1/2024				
EPA 533 - PFOA/PFOS							
7/2/2024	7/2/2024						
7/2/2024	7/2/2024	EPA 533	Perfluorooctanoic acid (PFOA)	<2.0 ppt	10 ppt	2.0 ppt	
7/2/2024	7/2/2024	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<2.0 ppt	10 ppt	2.0 ppt	
7/2/2024	7/2/2024	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.0 ppt	10 ppt	2.0 ppt	
7/2/2024	7/2/2024	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.0 ppt	10 ppt	2.0 ppt	
7/2/2024	7/2/2024	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0 ppt	10 ppt	2.0 ppt	
7/2/2024	7/2/2024	EPA 533	Perfluorononanoic Acid (PFNA)	<2.0 ppt	10 ppt	2.0 ppt	
			PFAS6	<2.0 ppt	30 ppt	2.0 ppt	30 ppt
7/2/2024	7/2/2024	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.0 ppt	NE	2.0 ppt	10ppt
7/2/2024	7/2/2024	EPA 533	13C8 PFOA	90	%		
7/2/2024	7/2/2024	EPA 533	13C8 PFOS	90	%		
7/2/2024	7/2/2024	EPA 533	13C4 PFHpA	91	%		
7/2/2024	7/2/2024	EPA 533	13C3 PFHxS	98	%		
7/2/2024	7/2/2024	EPA 533	13C6 PFDA	86	%		
7/2/2024	7/2/2024	EPA 533	13C9 PFNA	89	%		
Sample: SP Delivered 202410893			Sampled on 7/1/2024				
EPA 522 - 1,4 Dioxane							
7/8/2024	7/9/2024	EPA 522	1,4 Dioxane	<1.0 ppb	1.0 ppb	1.0ppb	
7/8/2024	7/9/2024	EPA 522	Dioxane-d8	90	%		
Sample: SP Delivered 202410893			Sampled on 7/1/2024				
EPA 533 - PFOA/PFOS							
7/2/2024	7/2/2024	EPA 533	Perfluorooctanoic acid (PFOA)	<2.0 ppt	10 ppt	2.0 ppt	
7/2/2024	7/2/2024	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<2.0 ppt	10 ppt	2.0 ppt	
7/2/2024	7/2/2024	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.0 ppt	10 ppt	2.0 ppt	
7/2/2024	7/2/2024	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.0 ppt	10 ppt	2.0 ppt	
7/2/2024	7/2/2024	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0 ppt	10 ppt	2.0 ppt	
7/2/2024	7/2/2024	EPA 533	Perfluorononanoic Acid (PFNA)	<2.0 ppt	10 ppt	2.0 ppt	
			PFAS6	<2.0 ppt	30 ppt	2.0 ppt	30 ppt
7/2/2024	7/2/2024	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.0 ppt	NE	2.0 ppt	10ppt
7/2/2024	7/2/2024	EPA 533	13C8 PFOA	91	%		
7/2/2024	7/2/2024	EPA 533	13C8 PFOS	88	%		
7/2/2024	7/2/2024	EPA 533	13C4 PFHpA	90	%		
7/2/2024	7/2/2024	EPA 533	13C3 PFHxS	91	%		
7/2/2024	7/2/2024	EPA 533	13C6 PFDA	78	%		
7/2/2024	7/2/2024	EPA 533	13C9 PFNA	84	%		

NE = Not Established

Validation By: _____

Date: 7/19/2024



ERIE COUNTY WATER AUTHORITY

Donald F. Kane Water Quality Laboratory
3750 River Rd
Tonawanda, NY 14218
(716) 685-8574



NYSDOH ELAP#: 11528

Prepped	Analyzed	Method	Analyte	Result	MCL	MRL	Notification Levels
Sample: VDW Delivered 202416727			Sampled on 10/7/2024				
EPA 522 - 1,4 Dioxane							
10/15/2024	10/16/2024	EPA 522	1,4 Dioxane	<1.0 ppb	1.0 ppb	1.0ppb	
10/15/2024	10/16/2024	EPA 522	Dioxane-d8	86	%		
Sample: VDW Delivered 202416727			Sampled on 10/7/2024				
EPA 533 - PFOA/PFOS							
10/11/2024	10/14/2024	EPA 533	Perfluorooctanoic acid (PFOA)	<2.0 ppt	10 ppt	2.0 ppt	
10/11/2024	10/14/2024	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<2.0 ppt	10 ppt	2.0 ppt	
10/11/2024	10/14/2024	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.0 ppt	10 ppt	2.0 ppt	
10/11/2024	10/14/2024	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.0 ppt	10 ppt	2.0 ppt	
10/11/2024	10/14/2024	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0 ppt	10 ppt	2.0 ppt	
10/11/2024	10/14/2024	EPA 533	Perfluorononanoic Acid (PFNA)	<2.0 ppt	10 ppt	2.0 ppt	
			PFAS6	<2.0 ppt	30 ppt	2.0 ppt	30 ppt
10/11/2024	10/14/2024	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.0 ppt	NE	2.0 ppt	10ppt
10/11/2024	10/14/2024	EPA 533	13C8 PFOA	69	%		
10/11/2024	10/14/2024	EPA 533	13C8 PFOS	84	%		
10/11/2024	10/14/2024	EPA 533	13C4 PFHpA	72	%		
10/11/2024	10/14/2024	EPA 533	13C3 PFHxS	81	%		
10/11/2024	10/14/2024	EPA 533	13C6 PFDA	69	%		
10/11/2024	10/14/2024	EPA 533	13C9 PFNA	67	%		
Sample: SP Delivered 202416724			Sampled on 10/7/2024				
EPA 522 - 1,4 Dioxane							
10/15/2024	10/16/2024	EPA 522	1,4 Dioxane	<1.0 ppb	1.0 ppb	1.0ppb	
10/15/2024	10/16/2024	EPA 522	Dioxane-d8	86	%		
Sample: SP Delivered 202416724			Sampled on 10/7/2024				
EPA 533 - PFOA/PFOS							
10/11/2024	10/14/2024	EPA 533	Perfluorooctanoic acid (PFOA)	<2.0 ppt	10 ppt	2.0 ppt	
10/11/2024	10/14/2024	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<2.0 ppt	10 ppt	2.0 ppt	
10/11/2024	10/14/2024	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.0 ppt	10 ppt	2.0 ppt	
10/11/2024	10/14/2024	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.0 ppt	10 ppt	2.0 ppt	
10/11/2024	10/14/2024	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0 ppt	10 ppt	2.0 ppt	
10/11/2024	10/14/2024	EPA 533	Perfluorononanoic Acid (PFNA)	<2.0 ppt	10 ppt	2.0 ppt	
			PFAS6	<2.0 ppt	30 ppt	2.0 ppt	30 ppt
10/11/2024	10/14/2024	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.0 ppt	NE	2.0 ppt	10ppt
10/11/2024	10/14/2024	EPA 533	13C8 PFOA	79	%		
10/11/2024	10/14/2024	EPA 533	13C8 PFOS	85	%		
10/11/2024	10/14/2024	EPA 533	13C4 PFHpA	82	%		
10/11/2024	10/14/2024	EPA 533	13C3 PFHxS	88	%		
10/11/2024	10/14/2024	EPA 533	13C6 PFDA	74	%		
10/11/2024	10/14/2024	EPA 533	13C9 PFNA	75	%		

NE = Not Established

Validation By: Sabrina Figler

Date: 10/31/2024



ERIE COUNTY WATER AUTHORITY
 Donald F. Kane Water Quality Laboratory
 3750 River Rd
 Tonawanda, NY 14218
 (716) 685-8574

Part 5-1.52 Table 9C- PFOA,PFOS

Prepped	Analyzed	Method	Analyte	Result	MCL	MRL	Notification
Sample: VDW Delivered 202502158				Sampled on 2/11/2025			Levels
EPA 533 - PFOA/PFOS							
2/12/2025	2/12/2025	EPA 533	Perfluorooctanoic acid (PFOA)	<2.0 ppt	10 ppt	2.0 ppt	
2/12/2025	2/12/2025	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<2.0 ppt	10 ppt	2.0 ppt	
2/12/2025	2/12/2025	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.0 ppt	10 ppt	2.0 ppt	
2/12/2025	2/12/2025	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.0 ppt	10 ppt	2.0 ppt	
2/12/2025	2/12/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0 ppt	10 ppt	2.0 ppt	
2/12/2025	2/12/2025	EPA 533	Perfluorononanoic Acid (PFNA)	<2.0 ppt	10 ppt	2.0 ppt	
			PFAS6	<2.0 ppt	30 ppt	2.0 ppt	30 ppt
2/12/2025	2/12/2025	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.0 ppt	NE	2.0 ppt	10ppt
2/12/2025	2/12/2025	EPA 533	13C8 PFOA	89	%		
2/12/2025	2/12/2025	EPA 533	13C8 PFOS	93	%		
2/12/2025	2/12/2025	EPA 533	13C4 PFHpA	89	%		
2/12/2025	2/12/2025	EPA 533	13C3 PFHxS	93	%		
2/12/2025	2/12/2025	EPA 533	13C6 PFDA	86	%		
2/12/2025	2/12/2025	EPA 533	13C9 PFNA	88	%		

EPA UCMR 5

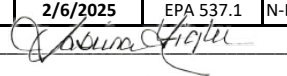
Prepped	Analyzed	Method	Analyte	Result	MRL
Sample: VDW Delivered 202502158				Sampled on 2/11/2025	
2/12/2025	2/12/2025	EPA 533	Perfluorooctanoic acid (PFOA)	<4.0ppt	4.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<4.0ppt	4.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<3.0ppt	3.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<3.0ppt	3.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0ppt	2.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluorononanoic Acid (PFNA)	<4.0ppt	4.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluorobutanesulfonic acid (PFBS)	<3.0ppt	3.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluoro-3-methoxypropanoic acid2 (PFMPA)	<4.0ppt	4.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluorobutanoic acid (PFBA)	<5.0ppt	5.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluoropentanoic Acid (PFPeA)	<3.0ppt	3.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluoro-4 -methoxybutanoic acid (PFMBA)	<3.0ppt	3.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluoro (2-ethoxyethane)sulphonic acid (PFEESA)	<3.0ppt	3.0 ppt
2/12/2025	2/12/2025	EPA 533	nonafluoro -3,6 -dioxahexanoic acid (NFDHA)	<20.0ppt	20.0 ppt
2/12/2025	2/12/2025	EPA 533	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	<3.0ppt	3.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluorohexanoic acid (PFHxA)	<3.0ppt	3.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluoropentanesulfonic acid (PFPeS)	<4.0ppt	4.0 ppt
2/12/2025	2/12/2025	EPA 533	Hexafluoropropylene oxide dimer acid (HFPO-DA)	<5.0ppt	5.0 ppt
2/12/2025	2/12/2025	EPA 533	Ammonium 4,8 -dioxo-3H-perfluorononanoate (ADONA)	<3.0ppt	3.0 ppt
2/12/2025	2/12/2025	EPA 533	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	<5.0ppt	5.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluoroheptane sulfonic acid (PFHpS)	<3.0ppt	3.0 ppt
2/12/2025	2/12/2025	EPA 533	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	<5.0ppt	5.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<3.0ppt	3.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluoroundecanoic acid (PFUdA)	<2.0ppt	2.0 ppt
2/12/2025	2/12/2025	EPA 533	9 -Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<2.0ppt	2.0 ppt
2/12/2025	2/12/2025	EPA 533	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF30UdS)	<5.0ppt	5.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluorododecanoic acid (PFDoA)	<3.0ppt	3.0 ppt
Sample: VDW Delivered 202502158				Sampled on 2/3/2025	
2/6/2025	2/6/2025	EPA 537.1	Perfluorotridecanoic acid (PFTrDA)	<7.0ppt	7.0 ppt
2/6/2025	2/6/2025	EPA 537.1	Perfluorotetradecanoic acid (PFTeDA)	<8.0ppt	8.0 ppt
2/6/2025	2/6/2025	EPA 537.1	N-methyl perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	<6.0ppt	6.0 ppt
2/6/2025	2/6/2025	EPA 537.1	N-Ethylperfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	<5.0ppt	5.0 ppt

Part 5-1.52 Table 9C- PFOA,PFOS

Prepped	Analyzed	Method	Analyte	Result	MCL	MRL	Notification Levels
Sample: SP Delivered 202502635				Sampled on 2/11/2025			
EPA 533 - PFOA/PFOS							
2/12/2025	2/12/2025	EPA 533	Perfluorooctanoic acid (PFOA)	<2.0 ppt	10 ppt	2.0 ppt	
2/12/2025	2/12/2025	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<2.0 ppt	10 ppt	2.0 ppt	
2/12/2025	2/12/2025	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.0 ppt	10 ppt	2.0 ppt	
2/12/2025	2/12/2025	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.0 ppt	10 ppt	2.0 ppt	
2/12/2025	2/12/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0 ppt	10 ppt	2.0 ppt	
2/12/2025	2/12/2025	EPA 533	Perfluorononanoic Acid (PFNA)	<2.0 ppt	10 ppt	2.0 ppt	
			PFAS6	<2.0 ppt	30 ppt	2.0 ppt	30 ppt
2/12/2025	2/12/2025	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.0 ppt	NE	2.0 ppt	10ppt
2/12/2025	2/12/2025	EPA 533	13C8 PFOA	89	%		
2/12/2025	2/12/2025	EPA 533	13C8 PFOS	93	%		
2/12/2025	2/12/2025	EPA 533	13C4 PFHpA	89	%		
2/12/2025	2/12/2025	EPA 533	13C3 PFHxS	93	%		
2/12/2025	2/12/2025	EPA 533	13C6 PFDA	86	%		
2/12/2025	2/12/2025	EPA 533	13C9 PFNA	88	%		

EPA UCMR 5

Prepped	Analyzed	Method	Analyte	Result	MRL
Sample: SP Delivered 202502635				Sampled on 2/11/2025	
2/12/2025	2/12/2025	EPA 533	Perfluorooctanoic acid (PFOA)	<4.0ppt	4.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<4.0ppt	4.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<3.0ppt	3.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<3.0ppt	3.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0ppt	2.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluorononanoic Acid (PFNA)	<4.0ppt	4.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluorobutanesulfonic acid (PFBS)	<3.0ppt	3.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluoro-3-methoxypropanoic acid2 (PFMPA)	<4.0ppt	4.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluorobutanoic acid (PFBA)	<5.0ppt	5.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluoropentanoic Acid (PFPeA)	<3.0ppt	3.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluoro-4 -methoxybutanoic acid (PFMBA)	<3.0ppt	3.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluoro (2-ethoxyethane)sulphonic acid (PFEESA)	<3.0ppt	3.0 ppt
2/12/2025	2/12/2025	EPA 533	nonafluoro -3,6 -dioxahexanoic acid (NFDHA)	<20.0ppt	20.0 ppt
2/12/2025	2/12/2025	EPA 533	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	<3.0ppt	3.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluorohexanoic acid (PFHxA)	<3.0ppt	3.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluoropentanesulfonic acid (PFPeS)	<4.0ppt	4.0 ppt
2/12/2025	2/12/2025	EPA 533	Hexafluoropropylene oxide dimer acid (HFPO-DA)	<5.0ppt	5.0 ppt
2/12/2025	2/12/2025	EPA 533	Ammonium 4,8 -dioxo-3H-perfluorononanoate (ADONA)	<3.0ppt	3.0 ppt
2/12/2025	2/12/2025	EPA 533	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	<5.0ppt	5.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluoroheptane sulfonic acid (PFHpS)	<3.0ppt	3.0 ppt
2/12/2025	2/12/2025	EPA 533	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	<5.0ppt	5.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<3.0ppt	3.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluoroundecanoic acid (PFUDA)	<2.0ppt	2.0 ppt
2/12/2025	2/12/2025	EPA 533	9-Chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	<2.0ppt	2.0 ppt
2/12/2025	2/12/2025	EPA 533	11-chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<5.0ppt	5.0 ppt
2/12/2025	2/12/2025	EPA 533	Perfluorododecanoic acid (PFDOA)	<3.0ppt	3.0 ppt
Sample: SP Delivered 202502155				Sampled on 2/3/2025	
2/6/2025	2/6/2025	EPA 537.1	Perfluorotridecanoic acid (PFTTrDA)	<7.0ppt	7.0 ppt
2/6/2025	2/6/2025	EPA 537.1	Perfluorotetradecanoic acid (PFTeDA)	<8.0ppt	8.0 ppt
2/6/2025	2/6/2025	EPA 537.1	N-methyl perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	<6.0ppt	6.0 ppt
2/6/2025	2/6/2025	EPA 537.1	N-Ethylperfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	<5.0ppt	5.0 ppt

Validation By: 

Date: 3/4/2025



ERIE COUNTY WATER AUTHORITY
 Donald F. Kane Water Quality Laboratory
 3750 River Rd
 Tonawanda, NY 14218
 (716) 685-8574

Part 5-1.52 Table 9C- PFOA,PFOS

Prepped	Analyzed	Method	Analyte	Result	MCL	MRL	Notification
Sample: VDW Delivered 202507487				Sampled on 5/5/2025			Levels
EPA 533 - PFOA/PFOS							
5/6/2025	5/6/2025	EPA 533	Perfluorooctanoic acid (PFOA)	<2.0 ppt	10 ppt	2.0 ppt	
5/6/2025	5/6/2025	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<2.0 ppt	10 ppt	2.0 ppt	
5/6/2025	5/6/2025	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.0 ppt	10 ppt	2.0 ppt	
5/6/2025	5/6/2025	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.0 ppt	10 ppt	2.0 ppt	
5/6/2025	5/6/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0 ppt	10 ppt	2.0 ppt	
5/6/2025	5/6/2025	EPA 533	Perfluorononanoic Acid (PFNA)	<2.0 ppt	10 ppt	2.0 ppt	
			PFAS6	<2.0 ppt	30 ppt	2.0 ppt	30 ppt
5/6/2025	5/6/2025	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.0 ppt	NE	2.0 ppt	10ppt
5/6/2025	5/6/2025	EPA 533	13C8 PFOA	90	%		
5/6/2025	5/6/2025	EPA 533	13C8 PFOS	91	%		
5/6/2025	5/6/2025	EPA 533	13C4 PFHpA	92	%		
5/6/2025	5/6/2025	EPA 533	13C3 PFHxS	92	%		
5/6/2025	5/6/2025	EPA 533	13C6 PFDA	93	%		
5/6/2025	5/6/2025	EPA 533	13C9 PFNA	93	%		

EPA UCMR 5

Prepped	Analyzed	Method	Analyte	Result	MRL
Sample: VDW Delivered 202507487				Sampled on 5/5/2025	
5/6/2025	5/6/2025	EPA 533	Perfluorooctanoic acid (PFOA)	<4.0ppt	4.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<4.0ppt	4.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<3.0ppt	3.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<3.0ppt	3.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0ppt	2.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluorononanoic Acid (PFNA)	<4.0ppt	4.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluorobutanesulfonic acid (PFBS)	<3.0ppt	3.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluoro-3-methoxypropanoic acid2 (PFMPA)	<4.0ppt	4.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluorobutanoic acid (PFBA)	<5.0ppt	5.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluoropentanoic Acid (PFPeA)	<3.0ppt	3.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluoro-4-methoxybutanoic acid (PFMBA)	<3.0ppt	3.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluoro (2-ethoxyethane)sulphonic acid (PFEEESA)	<3.0ppt	3.0 ppt
5/6/2025	5/6/2025	EPA 533	nonafluoro -3,6 -dioxahexanoic acid (NFDHA)	<20.0ppt	20.0 ppt
5/6/2025	5/6/2025	EPA 533	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	<3.0ppt	3.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluorohexanoic acid (PFHxA)	<3.0ppt	3.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluoropentanesulfonic acid (PFPeS)	<4.0ppt	4.0 ppt
5/6/2025	5/6/2025	EPA 533	Hexafluoropropylene oxide dimer acid (HFPO-DA)	<5.0ppt	5.0 ppt
5/6/2025	5/6/2025	EPA 533	Ammonium 4,8 -dioxo-3H-perfluorononanoate (ADONA)	<3.0ppt	3.0 ppt
5/6/2025	5/6/2025	EPA 533	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	<5.0ppt	5.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluoroheptane sulfonic acid (PFHpS)	<3.0ppt	3.0 ppt
5/6/2025	5/6/2025	EPA 533	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	<5.0ppt	5.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<3.0ppt	3.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluoroundecanoic acid (PFUdA)	<2.0ppt	2.0 ppt
5/6/2025	5/6/2025	EPA 533	9 -Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<2.0ppt	2.0 ppt
5/6/2025	5/6/2025	EPA 533	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF30UdS)	<5.0ppt	5.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluorododecanoic acid (PFDoA)	<3.0ppt	3.0 ppt
Sample: VDW Delivered 202507785				Sampled on 5/9/2025	
5/20/2025	5/21/2025	EPA 537.1	Perfluorotridecanoic acid (PFTrDA)	<7.0ppt	7.0 ppt
5/20/2025	5/21/2025	EPA 537.1	Perfluorotetradecanoic acid (PFTeDA)	<8.0ppt	8.0 ppt
5/20/2025	5/21/2025	EPA 537.1	N-methyl perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	<6.0ppt	6.0 ppt
5/20/2025	5/21/2025	EPA 537.1	N-Ethylperfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	<5.0ppt	5.0 ppt

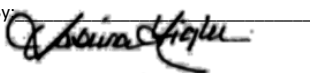
Part 5-1.52 Table 9C- PFOA,PFOS

Prepped	Analyzed	Method	Analyte	Result	MCL	MRL	Notification Levels
Sample: SP Delivered 202507484				Sampled on 5/5/2025			
EPA 533 - PFOA/PFOS							
5/6/2025	5/6/2025	EPA 533	Perfluorooctanoic acid (PFOA)	<2.0 ppt	10 ppt	2.0 ppt	
5/6/2025	5/6/2025	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<2.0 ppt	10 ppt	2.0 ppt	
5/6/2025	5/6/2025	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.0 ppt	10 ppt	2.0 ppt	
5/6/2025	5/6/2025	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.0 ppt	10 ppt	2.0 ppt	
5/6/2025	5/6/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0 ppt	10 ppt	2.0 ppt	
5/6/2025	5/6/2025	EPA 533	Perfluorononanoic Acid (PFNA)	<2.0 ppt	10 ppt	2.0 ppt	
			PFAS6	<2.0 ppt	30 ppt	2.0 ppt	30 ppt
5/6/2025	5/6/2025	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.0 ppt	NE	2.0 ppt	10ppt
5/6/2025	5/6/2025	EPA 533	13C8 PFOA	92	%		
5/6/2025	5/6/2025	EPA 533	13C8 PFOS	92	%		
5/6/2025	5/6/2025	EPA 533	13C4 PFHpA	93	%		
5/6/2025	5/6/2025	EPA 533	13C3 PFHxS	92	%		
5/6/2025	5/6/2025	EPA 533	13C6 PFDA	97	%		
5/6/2025	5/6/2025	EPA 533	13C9 PFNA	93	%		

EPA UCMR 5

Prepped	Analyzed	Method	Analyte	Result	MRL
Sample: SP Delivered 202507484				Sampled on 5/5/2025	
5/6/2025	5/6/2025	EPA 533	Perfluorooctanoic acid (PFOA)	<4.0ppt	4.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<4.0ppt	4.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<3.0ppt	3.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<3.0ppt	3.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0ppt	2.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluorononanoic Acid (PFNA)	<4.0ppt	4.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluorobutanesulfonic acid (PFBS)	<3.0ppt	3.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluoro-3-methoxypropanoic acid2 (PFMPA)	<4.0ppt	4.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluorobutanoic acid (PFBA)	<5.0ppt	5.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluoropentanoic Acid (PFPeA)	<3.0ppt	3.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluoro-4 -methoxybutanoic acid (PFMBA)	<3.0ppt	3.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluoro (2-ethoxyethane)sulphonic acid (PFEESA)	<3.0ppt	3.0 ppt
5/6/2025	5/6/2025	EPA 533	nonafluoro -3,6 -dioxahexanoic acid (NFDHA)	<20.0ppt	20.0 ppt
5/6/2025	5/6/2025	EPA 533	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	<3.0ppt	3.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluorohexanoic acid (PFHxA)	<3.0ppt	3.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluoropentanesulfonic acid (PFPeS)	<4.0ppt	4.0 ppt
5/6/2025	5/6/2025	EPA 533	Hexafluoropropylene oxide dimer acid (HFPO-DA)	<5.0ppt	5.0 ppt
5/6/2025	5/6/2025	EPA 533	Ammonium 4,8 -dioxo-3H-perfluorononanoate (ADONA)	<3.0ppt	3.0 ppt
5/6/2025	5/6/2025	EPA 533	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	<5.0ppt	5.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluoroheptane sulfonic acid (PFHpS)	<3.0ppt	3.0 ppt
5/6/2025	5/6/2025	EPA 533	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	<5.0ppt	5.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<3.0ppt	3.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluoroundecanoic acid (PFUdA)	<2.0ppt	2.0 ppt
5/6/2025	5/6/2025	EPA 533	9 -Chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	<2.0ppt	2.0 ppt
5/6/2025	5/6/2025	EPA 533	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<5.0ppt	5.0 ppt
5/6/2025	5/6/2025	EPA 533	Perfluorododecanoic acid (PFDoA)	<3.0ppt	3.0 ppt
Sample: SP Delivered 202507784				Sampled on 5/9/2025	
5/20/2025	5/21/2025	EPA 537.1	Perfluorotridecanoic acid (PFTrDA)	<7.0ppt	7.0 ppt
5/20/2025	5/21/2025	EPA 537.1	Perfluorotetradecanoic acid (PFTeDA)	<8.0ppt	8.0 ppt
5/20/2025	5/21/2025	EPA 537.1	N-methyl perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	<6.0ppt	6.0 ppt
5/20/2025	5/21/2025	EPA 537.1	N-Ethylperfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	<5.0ppt	5.0 ppt

Validation By:



Date:

6/3/2025



ERIE COUNTY WATER AUTHORITY
 Donald F. Kane Water Quality Laboratory
 3750 River Rd
 Tonawanda, NY 14218
 (716) 685-8574

Part 5-1.52 Table 9C- PFOA,PFOS

Prepped	Analyzed	Method	Analyte	Result	MCL	MRL	Notification Levels
Sample: VDW Delivered 202512934				Sampled on 5/5/2025			
EPA 533 - PFOA/PFOS							
8/11/2025	8/11/2025	EPA 533	Perfluorooctanoic acid (PFOA)	<2.0 ppt	10 ppt	2.0 ppt	
8/11/2025	8/11/2025	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<2.0 ppt	10 ppt	2.0 ppt	
8/11/2025	8/11/2025	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.0 ppt	10 ppt	2.0 ppt	
8/11/2025	8/11/2025	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.0 ppt	10 ppt	2.0 ppt	
8/11/2025	8/11/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0 ppt	10 ppt	2.0 ppt	
8/11/2025	8/11/2025	EPA 533	Perfluorononanoic Acid (PFNA)	<2.0 ppt	10 ppt	2.0 ppt	
			PFAS6	<2.0 ppt	30 ppt	2.0 ppt	30 ppt
8/11/2025	8/11/2025	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.0 ppt	NE	2.0 ppt	10ppt
8/11/2025	8/11/2025	EPA 533	13C8 PFOA	67	%		
8/11/2025	8/11/2025	EPA 533	13C8 PFOS	73	%		
8/11/2025	8/11/2025	EPA 533	13C4 PFHpA	68	%		
8/11/2025	8/11/2025	EPA 533	13C3 PFHxS	69	%		
8/11/2025	8/11/2025	EPA 533	13C6 PFDA	71	%		
8/11/2025	8/11/2025	EPA 533	13C9 PFNA	73	%		

EPA UCMR 5

Prepped	Analyzed	Method	Analyte	Result	MRL
Sample: VDW Delivered 202512934				Sampled on 8/4/2025	
8/11/2025	8/11/2025	EPA 533	Perfluorooctanoic acid (PFOA)	<4.0ppt	4.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<4.0ppt	4.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<3.0ppt	3.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<3.0ppt	3.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0ppt	2.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluorononanoic Acid (PFNA)	<4.0ppt	4.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluorobutanesulfonic acid (PFBS)	<3.0ppt	3.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluoro-3-methoxypropanoic acid2 (PFMPA)	<4.0ppt	4.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluorobutanoic acid (PFBA)	<5.0ppt	5.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluoropentanoic Acid (PFPeA)	<3.0ppt	3.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluoro-4-methoxybutanoic acid (PFMBA)	<3.0ppt	3.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluoro (2-ethoxyethane)sulphonic acid (PFEEESA)	<3.0ppt	3.0 ppt
8/11/2025	8/11/2025	EPA 533	nonafluoro -3,6 -dioxahexanoic acid (NFDHA)	<20.0ppt	20.0 ppt
8/11/2025	8/11/2025	EPA 533	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	<3.0ppt	3.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluorohexanoic acid (PFHxA)	<3.0ppt	3.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluoropentanesulfonic acid (PFPeS)	<4.0ppt	4.0 ppt
8/11/2025	8/11/2025	EPA 533	Hexafluoropropylene oxide dimer acid (HFPO-DA)	<5.0ppt	5.0 ppt
8/11/2025	8/11/2025	EPA 533	Ammonium 4,8 -dioxo-3H-perfluorononanoate (ADONA)	<3.0ppt	3.0 ppt
8/11/2025	8/11/2025	EPA 533	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	<5.0ppt	5.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluoroheptane sulfonic acid (PFHpS)	<3.0ppt	3.0 ppt
8/11/2025	8/11/2025	EPA 533	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	<5.0ppt	5.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<3.0ppt	3.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluoroundecanoic acid (PFUdA)	<2.0ppt	2.0 ppt
8/11/2025	8/11/2025	EPA 533	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<2.0ppt	2.0 ppt
8/11/2025	8/11/2025	EPA 533	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<5.0ppt	5.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluorododecanoic acid (PFDoA)	<3.0ppt	3.0 ppt
Sample: VDW Delivered 202512934				Sampled on 8/4/2025	
8/12/2025	8/12/2025	8/12/2025	Perfluorotridecanoic acid (PFTrDA)	<7.0ppt	7.0 ppt
8/12/2025	8/12/2025	8/12/2025	Perfluorotetradecanoic acid (PFTeDA)	<8.0ppt	8.0 ppt
8/12/2025	8/12/2025	8/12/2025	N-methyl perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	<6.0ppt	6.0 ppt
8/12/2025	8/12/2025	8/12/2025	N-Ethylperfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	<5.0ppt	5.0 ppt

Part 5-1.52 Table 9C- PFOA,PFOS

Prepped	Analyzed	Method	Analyte	Result	MCL	MRL	Notification Levels
Sample: SP Delivered 202512933				Sampled on 8/4/2025			
EPA 533 - PFOA/PFOS							
8/11/2025	8/11/2025	EPA 533	Perfluorooctanoic acid (PFOA)	<2.0 ppt	10 ppt	2.0 ppt	
8/11/2025	8/11/2025	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<2.0 ppt	10 ppt	2.0 ppt	
8/11/2025	8/11/2025	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.0 ppt	10 ppt	2.0 ppt	
8/11/2025	8/11/2025	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.0 ppt	10 ppt	2.0 ppt	
8/11/2025	8/11/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0 ppt	10 ppt	2.0 ppt	
8/11/2025	8/11/2025	EPA 533	Perfluorononanoic Acid (PFNA)	<2.0 ppt	10 ppt	2.0 ppt	
			PFAS6	<2.0 ppt	30 ppt	2.0 ppt	30 ppt
8/11/2025	8/11/2025	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.0 ppt	NE	2.0 ppt	10ppt
8/11/2025	8/11/2025	EPA 533	13C8 PFOA	95	%		
8/11/2025	8/11/2025	EPA 533	13C8 PFOS	100	%		
8/11/2025	8/11/2025	EPA 533	13C4 PFHpA	98	%		
8/11/2025	8/11/2025	EPA 533	13C3 PFHxS	95	%		
8/11/2025	8/11/2025	EPA 533	13C6 PFDA	90	%		
8/11/2025	8/11/2025	EPA 533	13C9 PFNA	100	%		

EPA UCMR 5

Prepped	Analyzed	Method	Analyte	Result	MRL
Sample: SP Delivered 202512933				Sampled on 8/4/2025	
8/11/2025	8/11/2025	EPA 533	Perfluorooctanoic acid (PFOA)	<4.0ppt	4.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<4.0ppt	4.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<3.0ppt	3.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<3.0ppt	3.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0ppt	2.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluorononanoic Acid (PFNA)	<4.0ppt	4.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluorobutanesulfonic acid (PFBS)	<3.0ppt	3.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluoro-3-methoxypropanoic acid2 (PFMPA)	<4.0ppt	4.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluorobutanoic acid (PFBA)	<5.0ppt	5.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluoropentanoic Acid (PFPeA)	<3.0ppt	3.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluoro-4 -methoxybutanoic acid (PFMBA)	<3.0ppt	3.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluoro (2-ethoxyethane)sulphonic acid (PFEEESA)	<3.0ppt	3.0 ppt
8/11/2025	8/11/2025	EPA 533	nonafluoro -3,6 -dioxahexanoic acid (NFDHA)	<20.0ppt	20.0 ppt
8/11/2025	8/11/2025	EPA 533	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	<3.0ppt	3.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluorohexanoic acid (PFHxA)	<3.0ppt	3.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluoropentanesulfonic acid (PFPeS)	<4.0ppt	4.0 ppt
8/11/2025	8/11/2025	EPA 533	Hexafluoropropylene oxide dimer acid (HFPO-DA)	<5.0ppt	5.0 ppt
8/11/2025	8/11/2025	EPA 533	Ammonium 4,8 -dioxo-3H-perfluorononanoate (ADONA)	<3.0ppt	3.0 ppt
8/11/2025	8/11/2025	EPA 533	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	<5.0ppt	5.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluoroheptane sulfonic acid (PFHpS)	<3.0ppt	3.0 ppt
8/11/2025	8/11/2025	EPA 533	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	<5.0ppt	5.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<3.0ppt	3.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluoroundecanoic acid (PFUdA)	<2.0ppt	2.0 ppt
8/11/2025	8/11/2025	EPA 533	9 -Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<2.0ppt	2.0 ppt
8/11/2025	8/11/2025	EPA 533	11-chloroeicosfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<5.0ppt	5.0 ppt
8/11/2025	8/11/2025	EPA 533	Perfluorododecanoic acid (PFDoA)	<3.0ppt	3.0 ppt
Sample: SP Delivered 202512933				Sampled on 8/4/2025	
8/12/2025	8/12/2025	8/12/2025	Perfluorotridecanoic acid (PFTrDA)	<7.0ppt	7.0 ppt
8/12/2025	8/12/2025	8/12/2025	Perfluorotetradecanoic acid (PFTeDA)	<8.0ppt	8.0 ppt
8/12/2025	8/12/2025	8/12/2025	N-methyl perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	<6.0ppt	6.0 ppt
8/12/2025	8/12/2025	8/12/2025	N-Ethylperfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	<5.0ppt	5.0 ppt

Validation By: 

Date: 10/10/2025



ERIE COUNTY WATER AUTHORITY

Donald F. Kane Water Quality Laboratory
 3750 River Rd
 Tonawanda, NY 14218
 (716) 685-8574

Part 5-1.52 Table 9C- PFOA,PFOS

Prepped	Analyzed	Method	Analyte	Result	MCL	MRL	Notification
Sample: VDW Delivered 202518463				Sampled on 11/3/2025			Levels
EPA 533 - PFOA/PFOS							
11/6/2025	11/6/2025	EPA 533	Perfluorooctanoic acid (PFOA)	<2.0 ppt	10 ppt	2.0 ppt	
11/6/2025	11/6/2025	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<2.0 ppt	10 ppt	2.0 ppt	
11/6/2025	11/6/2025	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.0 ppt	10 ppt	2.0 ppt	
11/6/2025	11/6/2025	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.0 ppt	10 ppt	2.0 ppt	
11/6/2025	11/6/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0 ppt	10 ppt	2.0 ppt	
11/6/2025	11/6/2025	EPA 533	Perfluorononanoic Acid (PFNA)	<2.0 ppt	10 ppt	2.0 ppt	
			PFAS6	<2.0 ppt	30 ppt	2.0 ppt	30 ppt
11/6/2025	11/6/2025	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.0 ppt	NE	2.0 ppt	10ppt
11/6/2025	11/6/2025	EPA 533	13C8 PFOA	89	%		
11/6/2025	11/6/2025	EPA 533	13C8 PFOS	89	%		
11/6/2025	11/6/2025	EPA 533	13C4 PFHpA	94	%		
11/6/2025	11/6/2025	EPA 533	13C3 PFHxS	94	%		
11/6/2025	11/6/2025	EPA 533	13C6 PFDA	80	%		
11/6/2025	11/6/2025	EPA 533	13C9 PFNA	87	%		

EPA UCMR 5

Prepped	Analyzed	Method	Analyte	Result	MRL
Sample: VDW Delivered 202518463				Sampled on 11/3/2025	
11/6/2025	11/6/2025	EPA 533	Perfluorooctanoic acid (PFOA)	<4.0ppt	4.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<4.0ppt	4.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<3.0ppt	3.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<3.0ppt	3.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0ppt	2.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluorononanoic Acid (PFNA)	<4.0ppt	4.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluorobutanesulfonic acid (PFBS)	<3.0ppt	3.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluoro-3-methoxypropanoic acid2 (PFMPA)	<4.0ppt	4.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluorobutanoic acid (PFBA)	<5.0ppt	5.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluoropentanoic Acid (PFPeA)	<3.0ppt	3.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluoro-4-methoxybutanoic acid (PFMBA)	<3.0ppt	3.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluoro (2-ethoxyethane)sulphonic acid (PFEEESA)	<3.0ppt	3.0 ppt
11/6/2025	11/6/2025	EPA 533	nonafluoro -3,6 -dioxahexanoic acid (NFDHA)	<20.0ppt	20.0 ppt
11/6/2025	11/6/2025	EPA 533	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	<3.0ppt	3.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluorohexanoic acid (PFHxA)	<3.0ppt	3.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluoropentanesulfonic acid (PFPeS)	<4.0ppt	4.0 ppt
11/6/2025	11/6/2025	EPA 533	Hexafluoropropylene oxide dimer acid (HFPO-DA)	<5.0ppt	5.0 ppt
11/6/2025	11/6/2025	EPA 533	Ammonium 4,8 -dioxo-3H-perfluorononanoate (ADONA)	<3.0ppt	3.0 ppt
11/6/2025	11/6/2025	EPA 533	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	<5.0ppt	5.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluoroheptane sulfonic acid (PFHpS)	<3.0ppt	3.0 ppt
11/6/2025	11/6/2025	EPA 533	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	<5.0ppt	5.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<3.0ppt	3.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluoroundecanoic acid (PFUdA)	<2.0ppt	2.0 ppt
11/6/2025	11/6/2025	EPA 533	9 -Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<2.0ppt	2.0 ppt
11/6/2025	11/6/2025	EPA 533	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<5.0ppt	5.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluorododecanoic acid (PFDoA)	<3.0ppt	3.0 ppt
Sample: VDW Delivered 202512934				Sampled on 11/3/2025	
11/4/2025	11/5/2025	EPA 537.1	Perfluorotridecanoic acid (PFTrDA)	<7.0ppt	7.0 ppt
11/4/2025	11/5/2025	EPA 537.1	Perfluorotetradecanoic acid (PFTeDA)	<8.0ppt	8.0 ppt
11/4/2025	11/5/2025	EPA 537.1	N-methyl perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	<6.0ppt	6.0 ppt
11/4/2025	11/5/2025	EPA 537.1	N-Ethylperfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	<5.0ppt	5.0 ppt

Part 5-1.52 Table 9C- PFOA,PFOS

Prepped	Analyzed	Method	Analyte	Result	MCL	MRL	Notification Levels
Sample: SP Delivered 202518460				Sampled on 11/3/2025			
EPA 533 - PFOA/PFOS							
11/6/2025	11/6/2025	EPA 533	Perfluorooctanoic acid (PFOA)	2.62 ppt	10 ppt	2.0 ppt	
11/6/2025	11/6/2025	EPA 533	Perfluorooctanesulfonic acid (PFOS)	2.61 ppt	10 ppt	2.0 ppt	
11/6/2025	11/6/2025	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.0 ppt	10 ppt	2.0 ppt	
11/6/2025	11/6/2025	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.0 ppt	10 ppt	2.0 ppt	
11/6/2025	11/6/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0 ppt	10 ppt	2.0 ppt	
11/6/2025	11/6/2025	EPA 533	Perfluorononanoic Acid (PFNA)	<2.0 ppt	10 ppt	2.0 ppt	
			PFAS6	<5.23 ppt	30 ppt	2.0 ppt	30 ppt
11/6/2025	11/6/2025	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.0 ppt	NE	2.0 ppt	10ppt
11/6/2025	11/6/2025	EPA 533	13C8 PFOA	87	%		
11/6/2025	11/6/2025	EPA 533	13C8 PFOS	86	%		
11/6/2025	11/6/2025	EPA 533	13C4 PFHpA	89	%		
11/6/2025	11/6/2025	EPA 533	13C3 PFHxS	86	%		
11/6/2025	11/6/2025	EPA 533	13C6 PFDA	80	%		
11/6/2025	11/6/2025	EPA 533	13C9 PFNA	87	%		

EPA UCMR 5

Prepped	Analyzed	Method	Analyte	Result	MRL
Sample: SP Delivered 202518460				Sampled on 11/3/2025	
11/6/2025	11/6/2025	EPA 533	Perfluorooctanoic acid (PFOA)	<4.0ppt	4.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<4.0ppt	4.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<3.0ppt	3.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<3.0ppt	3.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<2.0ppt	2.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluorononanoic Acid (PFNA)	<4.0ppt	4.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluorobutanesulfonic acid (PFBS)	<3.0ppt	3.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluoro-3-methoxypropanoic acid2 (PFMPA)	<4.0ppt	4.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluorobutanoic acid (PFBA)	<5.0ppt	5.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluoropentanoic Acid (PFPeA)	<3.0ppt	3.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluoro-4 -methoxybutanoic acid (PFMBA)	<3.0ppt	3.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluoro (2-ethoxyethane)sulphonic acid (PFEEESA)	<3.0ppt	3.0 ppt
11/6/2025	11/6/2025	EPA 533	nonafluoro -3,6 -dioxahexanoic acid (NFDHA)	<20.0ppt	20.0 ppt
11/6/2025	11/6/2025	EPA 533	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	<3.0ppt	3.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluorohexanoic acid (PFHxA)	<3.0ppt	3.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluoropentanesulfonic acid (PFPeS)	<4.0ppt	4.0 ppt
11/6/2025	11/6/2025	EPA 533	Hexafluoropropylene oxide dimer acid (HFPO-DA)	<5.0ppt	5.0 ppt
11/6/2025	11/6/2025	EPA 533	Ammonium 4,8 -dioxo-3H-perfluorononanoate (ADONA)	<3.0ppt	3.0 ppt
11/6/2025	11/6/2025	EPA 533	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	<5.0ppt	5.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluoroheptane sulfonic acid (PFHpS)	<3.0ppt	3.0 ppt
11/6/2025	11/6/2025	EPA 533	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	<5.0ppt	5.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluorodecanoic acid (PFDA)	<3.0ppt	3.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluoroundecanoic acid (PFUdA)	<2.0ppt	2.0 ppt
11/6/2025	11/6/2025	EPA 533	9 -Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<2.0ppt	2.0 ppt
11/6/2025	11/6/2025	EPA 533	11-chloroeicosfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<5.0ppt	5.0 ppt
11/6/2025	11/6/2025	EPA 533	Perfluorododecanoic acid (PFDoA)	<3.0ppt	3.0 ppt
Sample: SP Delivered 202518460				Sampled on 11/3/2025	
11/4/2025	11/5/2025	EPA 537.1	Perfluorotridecanoic acid (PFTrDA)	<7.0ppt	7.0 ppt
11/4/2025	11/5/2025	EPA 537.1	Perfluorotetradecanoic acid (PFTeDA)	<8.0ppt	8.0 ppt
11/4/2025	11/5/2025	EPA 537.1	N-methyl perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	<6.0ppt	6.0 ppt
11/4/2025	11/5/2025	EPA 537.1	N-Ethylperfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	<5.0ppt	5.0 ppt

Validation By: 

Date: 11/24/2025



ERIE COUNTY WATER AUTHORITY

Donald F. Kane Water Quality Laboratory
3750 River Rd
Tonawanda, NY 14218
(716) 685-8574



NYSDOH ELAP# : 11528

Table with columns: Prepped, Analyzed, Method, Analyte, Result, MCL, MRL, Notification, Trigger Level. Contains data for two samples: VDW Delivered 202600360 and SP Delivered 202600357, with various analytes and their results.

NE = Not Established NA = Not Applicable

Validation By: [Signature]

Date: 2/13/2026



ERIE COUNTY WATER AUTHORITY
 Donald F. Kane Water Quality Laboratory
 3750 River Rd
 Tonawanda, NY 14218
 (716) 685-8574



NYSDOH ELAP#: 11528

Prepped	Analyzed	Method	Analyte	Result	MCL	MRL	Notification Levels	Trigger Level
Sample: VDW Delivered 202607089				Sampled on 4/29/2026				
		EPA 522 - 1,4 Dioxane						
4/30/2026	5/1/2026	EPA 522	1,4 Dioxane	<1.0ppb	1.0 ppb	1.0ppb		
4/30/2026	5/1/2026	EPA 522	Dioxane-d8	91	%			
Sample: VDW Delivered 202607023				Sampled on 4/23/2026				
		EPA 533 - PFOA/PFOS						
4/24/2026	4/27/2026	EPA 533	Perfluorooctanoic acid (PFOA)	<2.00ppt	10 ppt	2.0 ppt		
4/24/2026	4/27/2026	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<2.00ppt	10 ppt	2.0 ppt		
4/24/2026	4/27/2026	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.00ppt	10 ppt	2.0 ppt		
4/24/2026	4/27/2026	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.00ppt	10 ppt	2.0 ppt		
4/24/2026	4/27/2026	EPA 533	Perfluorodecanoic acid (PFDA)	<2.00ppt	10 ppt	2.0 ppt		
4/24/2026	4/27/2026	EPA 533	Perfluorononanoic Acid (PFNA)	<2.00ppt	10 ppt	2.0 ppt		
4/24/2026	4/27/2026	EPA 533	PFAS6	<2.00ppt	30 ppt	2.0 ppt	30 ppt	
4/24/2026	4/27/2026	EPA 533	PFBS	<2.00ppt	NA	2.0 ppt		NA
4/24/2026	4/27/2026	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.00ppt	NE	2.0 ppt	10ppt	
4/24/2026	4/27/2026	EPA 533	13C8 PFOA	98	%			
4/24/2026	4/27/2026	EPA 533	13C8 PFOS	99	%			
4/24/2026	4/27/2026	EPA 533	13C4 PFHpA	108	%			
4/24/2026	4/27/2026	EPA 533	13C3 PFHxS	106	%			
4/24/2026	4/27/2026	EPA 533	13C6 PFDA	95	%			
4/24/2026	4/27/2026	EPA 533	13C9 PFNA	97	%			
Sample: SP Delivered 202607088				Sampled on 4/29/2026				
		EPA 522 - 1,4 Dioxane						
4/30/2026	5/1/2026	EPA 522	1,4 Dioxane	<1.0	1.0 ppb	1.0ppb		
4/30/2026	5/1/2026	EPA 522	Dioxane-d8	90	%			
Sample: SP Delivered 202607022				Sampled on 4/23/2026				
		EPA 533 - PFOA/PFOS						
4/24/2026	4/27/2026	EPA 533	Perfluorooctanoic acid (PFOA)	<2.00ppt	10 ppt	2.0 ppt		
4/24/2026	4/27/2026	EPA 533	Perfluorooctanesulfonic acid (PFOS)	<2.00ppt	10 ppt	2.0 ppt		
4/24/2026	4/27/2026	EPA 533	Perfluoroheptanoic Acid (PFHpA)	<2.00ppt	10 ppt	2.0 ppt		
4/24/2026	4/27/2026	EPA 533	Perfluorohexanesulfonic acid (PFHxS)	<2.00ppt	10 ppt	2.0 ppt		
4/24/2026	4/27/2026	EPA 533	Perfluorodecanoic acid (PFDA)	<2.00ppt	10 ppt	2.0 ppt		
4/24/2026	4/27/2026	EPA 533	Perfluorononanoic Acid (PFNA)	<2.00ppt	10 ppt	2.0 ppt		
4/24/2026	4/27/2026	EPA 533	PFAS6	<2.00ppt	30 ppt	2.0 ppt	30 ppt	
4/24/2026	4/27/2026	EPA 533	PFBS	<2.00ppt	NA	2.0 ppt		NA
4/24/2026	4/27/2026	EPA 533	Hexafluoropropylene oxide-dimer acid (Gen X/ HFPO-DA)	<2.00ppt	NE	2.0 ppt	10ppt	
4/24/2026	4/27/2026	EPA 533	13C8 PFOA	94	%			
4/24/2026	4/27/2026	EPA 533	13C8 PFOS	97	%			
4/24/2026	4/27/2026	EPA 533	13C4 PFHpA	104	%			
4/24/2026	4/27/2026	EPA 533	13C3 PFHxS	100	%			
4/24/2026	4/27/2026	EPA 533	13C6 PFDA	92	%			
4/24/2026	4/27/2026	EPA 533	13C9 PFNA	95	%			

NE = Not Established NA = Not Applicable

Validation By: *Sabrina Figler*

Date: 5/19/2026