



Upper Occoquan Service Authority

Leader in Water Reclamation and Reuse

14631 COMPTON ROAD, CENTREVILLE, VIRGINIA 20121-2506
(703) 830-2200

TEMPORARY DISCHARGE APPLICATION

Application Information

The Temporary Discharge Application (TDA) and process applies **to all commercial and Industrial Users (IUs)** located within the Upper Occoquan Service Authority (UOSA) service area that:

- Have an existing sanitary sewer connection **need to discharge industrial wastewater** for a **finite, short duration (<12 months) to UOSA** (examples [listed below](#)).

UOSA's application process may require industrial wastewater containment, sampling, and verification of compliance with applicable Local Limits.

Applications issued by UOSA may include conditions deemed necessary to prevent Pass Through or Interference, protect the quality of the waterbody receiving the wastewater treatment plant's effluent, protect worker health and safety, facilitate sludge management and disposal, and protect against damage to the Publicly Owned Treatment Works (POTW).

A TDA is **only** valid for the specific type of discharge in the approved application **and only for the specified time stated in the approval letter**. A TDA may be extended by written approval from UOSA. If another or future TDA is required, a separate form must be completed.

A formal response will be provided from UOSA via email at RegulatoryAffairs@uosa.org to finalize this Temporary Discharge Application.

Types of Discharges, Pollutants of Concern, and Sampling:

Discharges from startups, expansions, maintenance, or process upsets **will require authorization from UOSA**. Some specific activities requiring a TDA from IUs, both commercial and industrial, **include but are not limited to:**

- Hydrostatic testing,
- Chemical cleaning,
- Maintenance and System flushing,
- Cooling tower flushing,
- Pipe and tank passivation discharges, and
- Containment or stormwaters with chemical contamination

In addition, discharges containing contaminants listed in **Attachment A** may be wastes that are considered **pollutants of concern** (POCs). UOSA may request representative sample be taken of the proposed non-domestic discharge to the sanitary sewer and tested for various chemicals, including but not limited to:

- [Attachment A POC list](#) (see page 8);
- UOSA's Local Limit parameters; or
- Any pollutants specific to the discharger's industry or project that UOSA may deem necessary.

When required by UOSA, testing should represent **all** industrial/commercial flow to the sanitary sewer system. **Testing for domestic waste is not required**. UOSA reserves the right to impose additional monitoring requirements on the discharges if deemed necessary, in the future. UOSA may also require a potential temporary industrial or commercial discharger to capture and contain all wastewater onsite in a storage vessel or tank until laboratory samples are collected, and results have been received, verifying the wastewater is compliant with the applicable Local Limits.



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Next Steps

After a review period of a total of 10 – 12 working days from the receipt of a **complete** application, UOSA may request a conference call to discuss the details of the discharge. The following key scheduling requirements should be taken into consideration:

- Sampling of the waste stream(s) may be scheduled by UOSA. The sampling, testing time, and results analysis will be part of the process before a TDA can be approved by UOSA.
- Once the sampling and TDA data has been reviewed for compliance with the applicable Local Limits, POCs, and other possible contaminants, UOSA will approve or disapprove the wastewater for discharge to the sanitary sewer.
- If approved, UOSA and/or other representative(s) of UOSA's jurisdictional partners (Prince William Water, City of Manassas or the City of Manassas Park) can request to be onsite at the time of discharge initiation to confirm the pH, temperature or other water quality parameters of the wastewater entering the sewer.
- During the discharge, **the discharger is required to notify UOSA of the start and stop time of the discharge each day**; and provide other information as UOSA may require.
- Note: UOSA retains the right to schedule temporary discharges around the needs of the POTW which may delay the requested discharge start date.

Be advised that UOSA is working towards eliminating discharges of the pollutants listed below into its collection system altogether. Proposed discharges containing these pollutants may be denied or curtailed. UOSA suggests that potential dischargers substitute chemicals containing these pollutants with other chemicals wherever possible:

- Bromide;
- Molybdenum; and
- Per- and Polyfluoroalkyl Substances (PFAS)

Please ensure that **all applications are signed and certified**, indicating your understanding and acceptance of the information in the TDA instructions.

If you have any questions, please contact Mishelle Noble-Blair, Regulatory Affairs Director, at Mishelle.Noble-Blair@uosa.org or (703) 227-0202, or Philip Pericak, Environmental Compliance Coordinator, at Philip.pericak@uosa.org or (703) 227-0295.

For more information on Sewer Ordinances, applicable Federal and State laws, and other facets of UOSA's pretreatment program, please visit <https://uosa.org/pretreatment-program/>.



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Please complete this Temporary Discharge Application (TDA) and return it, signed and certified, to RegulatoryAffairs@uosa.org. A total of 10 – 12 working days from the receipt of a **complete** application form should be expected prior to receiving a discharge determination. After initial review of the application, UOSA may request a conference call to discuss the details of the discharge.

A. Primary Contact Information			
Company Name			
Mailing Address			
Contact Name		Title	
Telephone No.		Email	
B. Project Information			
Project Name			
Project Address			
Property Owner			
Owner Contact Name		Phone Number	
C. Additional Contacts			
Water Quality or Environmental Consultant (if applicable)			
Contact Name		Phone Number	
D. Sanitary Sewer Discharge Description			



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E. Type of Wastewater (mark which choice or choices apply)			
Chemical Clean/Passivation ☐	Maintenance Flushing Water ☐	Hydro-Static Test Water ☐	☐ Other (<i>specify</i>):
Volume of Tank and/or Piping System (in gallons)			
Total Volume of Wastewater to be Discharged (in gallons)			
Maximum Rate of Discharge (in gallons per minute)			
Average Rate of Discharge (in gallons per day)			
Duration of Discharge (hours or days)			
Schedule of Discharges (provide in separate documentation, if more space needed)			
F. <u>Required</u> Attachments			Check to Confirm Attachment
Site Location Map – attach a map showing the proposed site, the discharge location, the location of onsite treatment systems, frac/storage tank locations and identifying the sample collection location.			☐
Flushing Plans/Documents – attach pertinent plans and reports describing all activities involved in generating and discharging the wastewater. For detailed multi-day plans, a summary of discharge dates and other information in Section E. is required.			☐
Chemical Documents – <i>Provide the quantity and composition of all chemicals</i> that will be included in the wastewater to be discharged. Safety Data Sheets for all chemicals shall be included. Composition of any proprietary chemicals used shall be provided to UOSA to ensure compliance with applicable Local Limits.			☐
Spill Control Plan – Provide a spill control plan to prevent any chemicals used during the flushing process from entering the sanitary sewer uncontrolled.			☐



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G. Certification of Applicant by Signing Official – must meet requirements [40 CFR 403.6\(a\)\(2\)\(ii\)](#)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of having to pay a fine and imprisonment for knowing violations.

Name and Company of Signing Official
(print)

Title (print)

Signature of Signing Official

Date

H. Delegation of Signing Authority – Optional

I hereby authorize the following individual to sign and certify report submittals required by the application.

Name and Company of Delegated Signing
Official (print)

Title (print)

Signature of Signing Official (from Section G above)

Date



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I. Additional Conditions

1. The application, if approved, is valid for the discharge to the *sanitary sewer*, **only** from the identified location(s) and source(s) specified above and the designated time within the application .
2. All discharges shall comply with the Prince William County, City of Manassas, or City of Manassas Park Sewer Ordinances.
 - [Prince William County Sewer Ordinance](#)
 - [City of Manassas Sewer Ordinance](#)
 - [City of Manassas Park Sewer Ordinance](#)
3. If it is determined that the waste characterization is not suitable for treatment or acceptance at UOSA, UOSA will attempt to assist the user by working collaboratively to find an alternative method of disposal.
4. Additional sampling may be required to analyze pollutants of concern that UOSA deems necessary to determine acceptance of the temporary discharge.
5. UOSA retains the right to rescind and terminate any TDA immediately if it is determined by UOSA that the wastewater poses an imminent threat or danger to UOSA personnel or to the treatment plant processes.
6. The user **must report all spills**, emergencies or unusual circumstances that may lead to a potential for interference or pass-through of the treatment facility process. Spills should immediately be reported to the UOSA Shift Manager at 703-830-2200. This is a 24/7 phone number.
7. All wastewater sampling analysis shall be performed using [EPA Approved Methods](#) (refer to [Section J](#)) by a UOSA-approved laboratory.
8. All correspondence shall be emailed to RegulatoryAffairs@uosa.org.



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J. Sampling Parameters & EPA Approved Analytical Methods

<u>Sample Parameter</u>	<u>EPA Approved Analytical Methods</u>
Field pH Meter – Hach HQ40D	Hach Method USEPA Electrode Method 8156
Field Temperature Meter – Hach HQ40D	Hach Method USEPA Electrode Method 8156
Antimony	EPA Method 200.9
Arsenic	EPA Method 200.9
Beryllium	EPA Method 200.9
Cadmium	EPA Method 200.9
Chromium	EPA Method 200.9
Copper	EPA Method 200.9
Cyanide	EPA Method SM22 4500-CNE-20
Lead	EPA Method 200.9
Mercury	EPA Method 245.1
Molybdenum	SM 3113 B
Nickel	EPA Method 200.9
Selenium	EPA Method 200.9
Silver	EPA Method 200.9
Thallium	EPA Method 200.9
Zinc	SM 3111 B
Oil & Grease, TPH – SGT	EPA Method 1664B
Oil & Grease, HEM – SGT	EPA Method 1664B
Fats, Oil & Grease – FOG	EPA Method 1664B
Volatile Organic Compounds – VOC	EPA Method 624.1
Base Neutral & Acids	EPA Method 625.1
Organochloride Pesticides & PCB	EPA Method 608.3
E. Coli MPN	Standard Methods 9223 B
Biological Oxygen Demand 5-Day	Standard Methods 5210 B
Total Suspended Solids – TSS	Standard Methods 2540 D
Chemical Oxygen Demand – COD	SM22 522OD
Total Phosphorus – TP	Standard Methods 4500 PE
Total Kjeldahl Nitrogen – TKN	EPA Method 351.2
Total Nitrogen – TN	Calculation (TKN + NO ₂ + NO ₃)
PFAS	EPA Method 1633, Revision A



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Attachment A

List of Pollutants of Concern

Primary:

- Arsenic
- Beryllium
- Bromine
- Cadmium
- Chromium
- Cyanide
- Copper
- Lead
- Mercury
- Molybdenum
- Nickel
- Selenium
- Silver
- Sodium
- Zinc

VPDES Specific:

- Total Nitrogen
- Total Phosphorus

Additional concern for impact to water supply:

- Sodium-based chemicals
- Sodium in any form, including:
 - Water treatment chemical for water cooling systems
 - Process wastewater
 - Water treatment chemicals for:
 - Ion exchange
 - pH adjustment
 - Boilers
 - Water softening
 - Reverse Osmosis discharge
 - System start-up, flushing, and passivation
- Sodium chloride (like road salt)
- Any chemicals containing bromide, bromine, or bromate
- Regulated medical waste (RMW)

PFAS (Per and Polyfluoroalkyl Substances):

- Please refer to [Method 1633 for 40 PFAS Compounds](#) "Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS" for a list of potential PFAS contaminants of concern.