

**Official Draft Public Notice Version April 23, 2026**

**The findings, determinations, and assertions contained in this document are not final and subject to change following the public comment period.**

**FACT SHEET  
TRIPLE T HEAT AND PLATING  
INDUSTRIAL USER  
PRETREATMENT PERMIT NO. UTP000065**

**FACILITY CONTACT AND INFORMATION**

Designated Signatory Authority: Keith Harmon  
Position: Co-Owner  
Phone Number: (801) 295-4074

Permittee Name: Triple T Heat and Plating  
Facility Name: Triple T Heat and Plating Facility  
Mailing and Facility Address: 42 West 300 North, Suite 4  
Hyrum, Utah 84319  
Telephone: (801) 295-4074

**DESCRIPTION OF FACILITY**

Triple T Heat and Plating (Permittee) owns and operates the Triple T Heat and Plating Facility (Facility), an industrial plating facility. Plating operations include Type II anodizing and Type III hardcoat anodizing for aluminum, as well as aluminum chromate conversion coating. The Facility is located at 42 West 300 North, Suite 4, Hyrum, Cache County, Utah, Latitude: 41° 38' 26.7", Longitude: 111° 51' 22". The Standard Industrial Classification (SIC) code for the Facility is 3471 (metal finishing).

The Facility is a new source as the Permittee began discharging after August 31, 1982. The Facility has been classified as a categorical industrial user (CIU) regulated by the metal finishing category. The regulatory requirements for metal finishers are found in Title 40 of the Code of Federal Regulations (40 CFR). The limits are based on the pretreatment standards for new sources found in 40 CFR 433.17 and the general and specific prohibitions found in 40 CFR 403.5(a) and (b).

**DESCRIPTION OF DISCHARGE**

Discharges of industrial wastewaters are generated from anodizing and chromate conversion coating processes and include spent electrolytic solutions, rinse water, floor mopping water, and spill cleanup activities. Approximately 750 gallons per day of process wastewater is discharged to the Hyrum Publicly Owned Treatment Works (POTW). The Permittee anticipates growth, which could result in the eventual discharge of 4,000 gallons per day of process wastewater.

**DISCHARGE**

**DESCRIPTION OF DISCHARGE**

The Facility is an industrial plating facility and will discharge into the Hyrum POTW. This is a new Permit.

Outfall

Description of Discharge Point

001

The Facility discharges to the Hyrum City POTW. The sampling location is a valve prior to the wall drain on the East side of the building at latitude: 41° 38' 26.7", longitude: 111° 51' 22".

**SLUG CONTROL PLAN**

The Facility has not been evaluated for a slug control plan, although all of the process wastewater from the Facility flows into the pretreatment system. Because the Facility is a new significant industrial user (SIU), an evaluation will be conducted within the first year of the Permit being issued to determine whether a slug control plan is necessary. If the Facility conditions change, the Permittee must notify the Hyrum City Water Reclamation Manager and the Division of Water Quality (DWQ) of possible issues related to slug potential immediately.

Permit requirements for a slug control plan are found in Part I.D(7) of the Permit. The DWQ Director (Director) will notify the Permittee if a slug control plan is determined necessary. The Permittee will have 90 days from the date of notification to develop a slug control plan, as required in the Permit.

**EFFLUENT LIMITATIONS**

Any new source of industrial wastewater from an industry in the metal finishing subcategory, which discharges to a POTW, must achieve the pretreatment performance standards delineated in 40 CFR 433.17, applicable State requirements, and applicable local requirements. Utah Administrative Code (UAC) R317-8-8.4 contains General and Specific Prohibitions which must be achieved by all non-domestic sources of pollutants. Pollutants introduced into a POTW by a non-domestic source shall not pass through the POTW or interfere with the operation or performance of the POTW.

A Reasonable Potential analysis was not completed for the Facility because the Facility does not discharge directly to Waters of the State, instead, the facility discharges to a POTW and is regulated by the Pretreatment Regulations and the categorical standards found in 40 CFR 433.17.

Effluent limitations for total cadmium, total chromium, total copper, total lead, total nickel, total silver, total zinc, total cyanide, and total toxic organics (TTO) are derived from 40 CFR 433.17.

The daily minimum limit for pH is based on the prohibited standard found in UAC R317-8-8.5(3)(b). The daily maximum limit for pH is based on not allowing waste that would otherwise be classified as hazardous waste from being discharged to the POTW, 40 CFR 261.22. The limit is slightly more stringent than stated in 40 CFR 261.22(a)(1); this is to protect the POTW and POTW personnel from wastewater that could be corrosive.

Limits for oil and grease are based on best professional judgment. The limit is to protect the POTW and collection system from oil and grease build-up.

The effluent limitations below will apply to the Permittee's discharge.

Parameter	Effluent Limitations		
	Maximum Monthly Avg	Daily Minimum	Daily Maximum
Total Cadmium, mg/L	0.07	NA	0.11
Total Chromium, mg/L	1.71	NA	2.77
Total Copper, mg/L	2.07	NA	3.38
Total Lead, mg/L	0.43	NA	0.69
Total Nickel, mg/L	2.38	NA	3.98
Total Silver, mg/L	0.24	NA	0.43
Total Zinc, mg/L	1.48	NA	2.61
Total Cyanide, mg/L	0.65	NA	1.20
Total Toxic Organics (TTO), mg/L	NA	NA	2.13
Oil & Grease, mg/L	NA	NA	100
pH, SU	NA	5.0	11.0

NA – Not Applicable

### MONITORING AND REPORTING REQUIREMENTS

The Permittee must notify the DWQ Director and the Hyrum City Water Reclamation Manager of any violations of the Permit, including spills or changes at the Facility. Notification must also include bypass(es) of any treatment units utilized to treat the process wastewater and any slug, spill, or non-customary batch discharge into the POTW. POTW notification must be made to the Hyrum City Water Reclamation Manager. If Hyrum City does not employ personnel within these positions at the time of notification, the notification must be made to the City Manager or Mayor and the direct responsible charge (DRC) for the wastewater treatment plant and collection system.

Monitoring requirements, measurement frequencies, and sample types were adapted from guidance documents for pretreatment Permitting. The wastewater discharge shall be sampled as specified in the Self-Monitoring and Reporting Requirements Table below. Samples are collected as grab samples since the Facility is a batch discharger with a small volume.

Self-Monitoring and Reporting Requirements			
Parameter	Frequency	Sample Type	Units
Total Flow	Quarterly	Estimate	MGD
Total Cadmium	Quarterly	Grab	mg/L
Total Chromium	Quarterly	Grab	mg/L
Total Copper	Quarterly	Grab	mg/L
Total Lead	Quarterly	Grab	mg/L
Total Nickel	Quarterly	Grab	mg/L
Total Silver	Quarterly	Grab	mg/L
Total Zinc	Quarterly	Grab	mg/L
Total Cyanide	Quarterly	Grab	mg/L
TTO	2 X per year	Grab	mg/L
Oil & Grease	Yearly	Grab	mg/L

pH	Weekly	Grab	SU
----	--------	------	----

- a/ Flow measurement of effluent volume shall be made in such a manner that the Permittee can affirmatively demonstrate that representative values are being obtained.
- b/ If the rate of discharge is controlled, the rate and duration of discharge shall be reported.
- c/ Total Toxic Organics (TTO) shall mean the summation of all quantifiable values greater than 0.1 milligrams per liter for the list of toxic organics found in 40 CFR 433.11.

The Permit requires reports to be submitted quarterly, as applicable, on Discharge Monitoring Report (DMR) forms due 28 days after the end of the monitoring period. Effective January 1, 2017, monitoring results shall be submitted using NetDMR unless the Permittee has successfully petitioned for an exception. Lab sheets for toxic organics shall be attached to the DMRs. A copy of all DMRs shall also be sent to Hyrum City.

The Permittee will be required to submit a solvent management plan if the Permittee decides not to sample TTOs. See Part I.F. of the Permit for requirements.

### **PRETREATMENT REQUIREMENTS**

Any wastewater that the Facility discharges to the sanitary sewer, either as a direct discharge or as a hauled waste, is subject to Federal, State, and local pretreatment regulations. Pursuant to Section 307 of the Clean Water Act, the Permittee shall comply with all applicable Federal General Pretreatment Regulations promulgated in 40 CFR 403, the State Pretreatment Requirements found in UAC R317-8-8, and any specific local discharge limitations developed by the POTW accepting the waste.

### **STORM WATER**

This Permit does not include stormwater requirements. Permit coverage under the Multi Sector General Permit (MSGP) for Storm Water Discharges from Industrial Activities may be required based on the SIC code for the facility and the types of industrial activities occurring. See Part IV of the Permit for requirements. The following link provides additional information regarding the UPDES Industrial Stormwater Permit.

<https://deq.utah.gov/water-quality/general-multi-sector-industrial-storm-water-Permit-updes-Permits>

Permit coverage under the Construction General Storm Water Permit (CGP) is required for any construction at the facility which disturb an acre or more, or is part of a common plan of development or sale that is an acre or greater. A Notice of Intent (NOI) is required to obtain a construction storm water Permit during the period of construction. The following link provides additional information regarding the UPDES Construction General Storm Water Permit:

<https://deq.utah.gov/water-quality/general-construction-storm-water-updes-Permits>

General UPDES Stormwater Permit requirements can be found at:

<http://stormwater.utah.gov>

## **BIOMONITORING REQUIREMENTS**

As part of a nationwide effort to control toxicity, biomonitoring requirements are being included in Permits for facilities where effluent toxicity is an existing or potential concern. The Facility discharges to a POTW which does perform biomonitoring and it is not a concern at this time for Hyrum City. Biomonitoring of the effluent will not be required unless a potential for toxicity is discovered. Authorization for requiring effluent biomonitoring is provided in UAC R317-8-4.2 and R317-8.5.3.

## **PERMIT DURATION**

It is recommended that this Permit be effective for a duration of four (4) years.

## **PUBLIC NOTICE INFORMATION**

This information will be updated once the Permit is public noticed.

## **PERMIT DEVELOPMENT INFORMATION**

Drafted by  
Permit, Jennifer Robinson and Lindsay Cowles  
Stormwater, Carl Adams

Permit DWQ-2025-005884  
Fact Sheet/Statement of Basis DWQ-2025-005885

Draft Permit DWQ-2025-005884  
Draft Fact Sheet/Statement of Basis DWQ-2025-005885

Permit Application Information DWQ-2024-001197

Public Notice DWQ- DWQ-2026-001797

DWQ-2025-005885