

Official Draft Public Notice Version May 23, 2016

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**STATEMENT OF BASIS
TARTER GATE WEST
INDUSTRIAL USER
PRETREATMENT PERMIT NO. UTP000053**

FACILITY CONTACT

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DESCRIPTION OF FACILITY

Tarter Gate West (TGW) manufactures and assembles agriculture gates for the farming industry and recently the facility began manufacturing small trailers. Manufacturing processes include: welding, cleaning and powder coating the metal and shipping the product to the customers. TGW is located at 3050 North 4800 West Corinne, Box Elder County, Utah, Latitude: 45° 33' 39", Longitude: -112° 7' 42". The SIC code(s) for this facility are 3471 (metal finishing).

TGW is a new source since the permittee began discharging in 2006. TGW has been classified as a categorical industrial user (CIU) regulated by the metal finishing category. The regulatory requirements for metal finishers are found in 40 CFR 433. The limits were 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 the alkaline tanks, Flash Clene 1414 tanks, water rinse tanks, floor mopping water and spill clean up activities. Approximately 18,000 to 20,000 gallons a year of wastewater is generated with some of the wastewater being evaporated and the remaining being discharged to Corinne's publicly owned treatment works (POTW).

TGW has been reporting self-monitoring results on discharge monitoring reports, on a monthly basis. In the last five years TGW has had a good compliance history. For more information regarding TGW's compliance history, see the following website echo.epa.gov/effluent-charts#UTP000053.

SUMMARY OF CHANGES FROM PREVIOUS PERMIT

The sampling frequency for Zinc has been decreased since the monitoring results have been in compliance for the last three years.

The waiver option for pollutants not present has been added to the permit. For additional information and the requirement to implement the waiver see Part I.G. of 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 this 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.

The effluent limitations below will apply to the permittees discharge.

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

NA – Not Applicable

MONITORING AND REPORTING REQUIREMENTS

The wastewater discharge shall be sampled as specified below.

| Self-Monitoring and Reporting Requirements | | | |
|--|--------------|----------------|-------|
| Parameter | Frequency | Sample Type | Units |
| Total Flow | Continuous | Recorder | MGD |
| Total Cadmium | 2 X per year | Composite/Grab | mg/L |
| Total Chromium | 2 X per year | Composite/Grab | mg/L |
| Total Copper | 2 X per year | Composite/Grab | mg/L |
| Total Lead | 2 X per year | Composite/Grab | mg/L |
| Total Nickel | 2 X per year | Composite/Grab | mg/L |
| Total Silver | 2 X per year | Composite/Grab | mg/L |
| Total Zinc | 2 X per year | Composite/Grab | mg/L |
| Total Cyanide | 2 X per year | Grab | mg/L |
| Total Toxic Organics TTOs | 2 X per year | Grab | mg/L |
| Oil & Grease | Yearly | Grab | mg/L |
| TSS | Yearly | Grab | mg/L |
| pH | Weekly | Grab | SU |

All monitoring results and observations shall be summarized on a discharge monitoring report (DMR) form for each month. DMRs must be submitted no later than the 28th day of the month following the end of the reporting quarter. Therefore the DMRs must be submitted as follows: January 28th, April 28th, July 28th and October 28th. DMRs must either be submitted with monitoring data included or indicate that no discharge occurred for the monitoring month. A copy of all DMRs shall be sent to Corinne City and the Division of Water Quality or submitted using netDMR.

TGW will be required to submit a solvent management plan, if TGW decides not to sample for TTOs. See Part I.F. of the permit for requirements.

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. TGW discharges to a POTW which does not perform biomonitoring and it is not a concern at this time for Corinne City. Biomonitoring of TGW's 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*.

PRETREATMENT REQUIREMENTS

Any wastewater that TGW 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.

The pretreatment standards for new sources in the Metal Finishing Point Source Category *at 40 CFR 433.17* are the basis for numeric discharge limits in this permit. These standards have been adopted in Utah and apply to all new metal finishers.

Monitoring requirements, measurement frequencies and sample types were adapted from guidance documents developed by the State of Utah.

TGW has been evaluated for a slug control plan. Based on the evaluation of the facility, TGW does not need to develop a slug control plan, at this time. The evaluation for the need to develop a slug control plan, is done as part of the inspection. Inspections of the TGW facility are done yearly per the requirements of the pretreatment regulations.

STORM WATER

The permit currently does not include Storm water requirement. The facility falls under an industrial Storm water sector therefore the permittee must either submit a notice of intent or a no exposure certification, see Part IV. of the permit for requirements.

PERMIT DURATION

It is recommended that this permit be effective for a duration of five (5) years.

PUBLIC NOTICE INFORMATION

This information will be added following the public notice.

Drafted by
Jennifer Robinson, Discharge
April 13, 2016