

INDUSTRIAL USER PERMIT

In accordance with the provisions of City of Frisco Ordinance No. 96-02-01

**EXIDE TECHNOLOGIES
7471 SOUTH FIFTH STREET
P.O. BOX 250
FRISCO, TX 75034**

is hereby authorized Under City of Frisco Ordinance No. 96-02-01 (Ordinance) to discharge only treated groundwater from the French Drain, treated CAMU leachate, and treated RCRA remediation wastewater from the above identified Exide former operating facility (facility); through the outfall identified herein into the City of Frisco (City) Sanitary Sewer System for transmission into the North Texas Municipal Water District (NTMWD) Stewart Creek West and Panther Creek Regional Wastewater Treatment Works in accordance with the conditions set forth in this permit. Compliance with this permit does not relieve Exide of its obligation to comply with any or all applicable standards or requirements under local, State, and Federal laws, including any such regulations, standards, requirements, or laws that may become effective during the term of this permit.

Frisco hereby acknowledges that the facility is no longer an operating industrial facility and this permit is an Industrial User Permit to allow Exide to discharge the treated water described herein during RCRA closure activities.

Noncompliance with any term of this permit shall constitute a violation of the Ordinance. Violation of any discharge limit and/or sampling frequency may, at the City's sole discretion, result in immediate suspension of this permit. Repeat violations of any discharge limit and/or sampling frequency may, at the City's sole discretion, result in termination of this permit. Following any such suspension or termination, the City shall afford Exide an opportunity for a show cause hearing with the City Manager (or designee) to be held within 10 days of such suspension or termination to allow Exide to confirm the basis for the suspension has been corrected or to show cause why the basis for the suspension or termination was in error and the suspension or termination should be rescinded.

This permit shall become effective on June 7, 2019 and shall expire at midnight on June 7, 2020

If Exide wishes to continue to discharge after the expiration date of this permit, an application must be filed for a renewal in accordance with the requirements of the Ordinance, a minimum of 90 days prior to the expiration date.

By: 

Paul Knippel
Director of Engineering Services
City of Frisco

Kevin Grant signing for Paul Knippel

Issued this 7th day June, 2019

PART 1 - EFFLUENT LIMITATIONS

- A. During the effective period of this permit Exide is authorized to discharge the wastewater referenced herein to the City's sanitary sewer system from the outfall listed below.

Description of outfall:

<u>Outfall</u>	<u>Description</u>
200	Sampling weir located inside the facility's wastewater treatment building. This is the outfall where the former categorical process wastewater was historically monitored.

See Attachment D for maps and photos of the sample outfall location for verification.

- B. During the effective period of this permit, the discharge from Outfall 200 shall not exceed the following effluent limitations. Exide hereby represents that all effluent discharged to the City's sanitary sewer system shall be conveyed only from this outfall and shall be subject to the sampling and limits as set forth herein.

EFFLUENT LIMITATIONS Frisco City Ordinance No. 96-02-01

<u>Parameter</u>	<u>Monthly Average</u>
Total Arsenic	0.71 mg/L
Total Cadmium	0.07 mg/L
Total Lead	0.43 mg/L
Biochemical Oxygen Demand (BOD)	474 mg/L
Total Chromium	1.30 mg/L
Total Copper	2.07 mg/L
Total Cyanide	0.61 mg/L
Total Nickel	1.75 mg/L
Total Silver	0.24 mg/L
Total Zinc	1.27 mg/L
Total Mercury	0.06 mg/L
Total Phenols	28 mg/L
Total Suspended Solid	592 mg/L
Ammonia Nitrogen	19 mg/L

PERMIT LIMITS

Total Antimony	Report
Total Arsenic	5.0 mg/L
Total Cadmium	1.0 mg/L
Total Selenium	1.0 mg/L
Total Lead	5.0 mg/L
Total Dissolved Solids (TDS)	395 lbs/day ¹
Chloride	Report
Sulfate	Report
Flow	Report ²

- ¹ The TDS loading shall be calculated on each sampling day based on the concentration of the sample and volume of flow discharged. Compliance will be determined based on the calculated loading for TDS. The concentration and loading results shall be reported on each monthly self-monitoring report.
- ² Flow shall be monitored directly and the total flow must be reported monthly on the self-monitoring report form for each day of discharge.

The pH shall not be greater than 10.5 Standard Units (SUs) or less than 5.0 SUs.

Hazardous waste shall not be introduced into or discharged to the City's sanitary sewer system.

PART 2 - MONITORING REQUIREMENTS

- A. During the effective period of the permit, Exide shall monitor Outfall 200 for the following parameters, at the indicated frequency:

<u>Parameter</u>	<u>Units</u>	<u>Frequency</u>	<u>Sample Type</u>
Total Antimony	mg/L	1/month	24 hour, flow weighted composite
Total Arsenic	mg/L	1/week	24 hour, flow weighted composite
Total Cadmium	mg/L	1/ week	24 hour, flow weighted composite
Total Chromium	mg/L	1/month	24 hour, flow weighted composite
Total Copper	mg/L	1/month	24 hour, flow weighted composite
Total Cyanide	mg/L	1/month	Grab
Total Lead	mg/L	1/week	24 hour, flow weighted composite
Total Mercury	mg/L	1/month	24 hour, flow weighted composite
Total Nickel	mg/L	1/month	24 hour, flow weighted composite
Total Selenium	mg/L	1/ week	24 hour, flow weighted composite
Total Silver	mg/L	1/month	24 hour, flow weighted composite
Total Zinc	mg/L	1/month	24 hour, flow weighted composite
pH	SU	1/month	Grab
BOD	mg/L	1/6 months	24 hour, flow weighted composite
TDS	mg/L	1/week	24 hour, flow weighted composite
Chloride	mg/L	1/month	24 hour, flow weighted composite
<u>Parameter</u>	<u>Units</u>	<u>Frequency</u>	<u>Sample Type</u>
Sulfate	mg/L	1/month	24 hour, flow weighted composite

TSS	mg/L	1/6 months	24 hour, flow weighted composite
Ammonia Nitrogen	mg/L	1/6 months	24 hour, flow weighted composite
Total Phenols	mg/L	1/6 months	Grab

Parameters with a frequency of 1/6 months shall be collected for the first 6-month period and submitted on the 25th day of the following month that was sampled and for the second 6-month period samples shall be collected during July to December and submitted on the 25th day of the following month that was sampled.

Weekly samples will not be required if no discharge occurs that week (Sunday - Saturday).

- B. All samples shall be collected, preserved, and analyzed in accordance with the procedures established in 40 CFR Part 136 and amendments.

PART 3 - REPORTING REQUIREMENTS

- A. Monitoring results shall be summarized and reported on an Industrial User Monitoring Report form (Attachment C). The IU Monitoring Report form submitted to the NTMWD shall contain an original signature signed by the authorized signatory. Attached to the IU Monitoring Report shall be the corresponding laboratory report. The reports are due on the 25th day of the following month that is reported. The report shall indicate the nature and concentration of all pollutants in the effluent for which sampling and analyses were performed. The original reports are to be submitted to the NTMWD and a copy to the City.
- B. If Exide monitors any pollutant more frequently than required by this permit, using test procedures prescribed in 40 CFR 136 or amendments thereto, or otherwise approved EPA or as specified in this permit, the results of such monitoring shall be included in any calculations of actual daily maximum or monthly average pollutant discharge and results shall be reported in a monthly report submitted to the NTMWD and a copy to the City. Such increased monitoring frequency shall also be indicated in the monthly report.
- C. If the results of Exide's wastewater analysis indicate that a violation of this permit has occurred, Exide shall:
1. Inform the NTMWD, and the City, within 24 hours (via telephone: 469-626-4624, facsimile: 972-295-6436, email: jduke@ntmwd.com or pretreatment.info@ntmwd.com or in person); and the City at 972-292-5410 (Paul Knippel, City of Frisco, Director of Engineering Services); and
 2. Repeat the sampling and pollutant analysis and submit, in writing, the results of this second analysis within 10 days of the first violation. Exide shall submit a report, within 10 days of the first violation, identifying the cause and corrections performed to alleviate the violation.
- D. Accidental Discharge Report

1. Exide shall notify the NTMWD and the City immediately upon the occurrence of an accidental discharge of substances prohibited by the Ordinance or this permit, any slug loads or spills, or a discharge as a result of a catastrophic event that may enter the City's sanitary sewer system. The NTMWD Environmental Program Coordinator should be contacted at 469-626-4624, and after hours 469-626-4400. If the accidental discharge occurs outside of normal working hours (Monday — Friday, 8 am — 5 pm) Exide shall notify the NTMWD operator that an unpermitted discharge has occurred and the NTMWD Environmental Program Coordinator needs to be contacted immediately. The City should be contacted during normal business hours at 972-292-5410 and all other times the City should be contacted through the Police Department at 911. The notification shall include location of discharge, date and time thereof, type of waste, including concentration and volume, and corrective action taken. Exide's notification of accidental releases in accordance with this section does not relieve it of other reporting requirements that arise under local, State, or Federal laws.
 2. Within five days following an accidental discharge, Exide shall submit to the NTMWD and the City a detailed written report. The report shall specify:
 - i. Description and cause of the upset, slug load or accidental discharge, the cause thereof, and the impact on Exide's compliance status. The description should also include location of discharge, type, concentration and volume of waste.
 - ii. Duration of noncompliance, including exact dates and times of noncompliance and, if the noncompliance is continuing, the time by which compliance is reasonably expected to occur.
 - iii. All steps taken or to be taken to reduce, eliminate, and/or prevent recurrence of such an upset, slug load, accidental discharge, or other conditions of noncompliance.
- E. All reports required by this permit shall be submitted to the NTMWD and the City at the following addresses:

North Texas Municipal Water District
P.O. Box 2408
Wylie, TX 75098
ATTN: Joe Duke

City of Frisco
P.O. Drawer 1100
Frisco, TX 75034
ATTN: Paul Knippel, Director of Engineering Services

- F. All documents submitted pursuant to this permit shall be signed and certified by the authorized signatory of Exide Technologies. The certification statement shall read:

"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 who manage the system, or those persons directly responsible for gathering the information, the information 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 possibility of fine and imprisonment for knowing violations. "

If an authorization as defined in the Standard Conditions Section D(5) attached to this permit is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, or overall responsibility for the environmental matters for the company, a new authorization satisfying the requirements the Standard Conditions Section D(5) paragraphs (a-d) must be submitted to the NTMWD and the City. This authorization shall be submitted upon the change and prior to reports being signed by the new authorized signatory.

- G. The laboratory reports, which include the Chain-Of-Custody (C-O-C), shall meet NTMWD, Texas Commission on Environmental Quality, United States Environmental Protection Agency and 40 CFR requirements and guidelines. The laboratory reports shall have the following:

<u>COC</u>	<u>Report</u>
✓	✓ Industry name
✓	✓ Physical address
✓	✓ Outfall/sample location
✓	✓ Date & time sampling began
✓	✓ Date & time sampling ended
✓	✓ Sampler's name
✓	Sampler's signature
✓	✓ Sampler's affiliation
✓	✓ Sample type - Grab, time composite, flow-weighted composite
✓	✓ Sample intervals or No. of parts
✓	Sampler used
✓	Sample container size & material
✓	Preservative
✓	Analysis requested
✓	✓ Field data w/ date & time measured
✓	Received/relinquished w/ date, time, signature, affiliation – (must complete the chain)
✓	✓ Quality control data

PART 4 - SPECIAL CONDITIONS

A. FACILITY CHANGES

If, at any time, Exide changes any wastewater generation process or plumbing, Exide must notify the NTMWD and the City 60 days prior to making such changes.

B. REOPENER CLAUSE

This permit may be reopened and modified to incorporate any new or revised requirements contained in the National pretreatment regulations, TCEQ regulations, any RCRA closure Response Action Plan, and the Ordinance.

This permit may be reopened and modified to incorporate any new or revised requirements resulting from requirements developed by the NTMWD as are necessary to ensure POTW compliance with applicable biomonitoring requirements as stated in the permit, and applicable sludge management requirements promulgated by the EPA (40 CFR 503).

If at any time the discharge from the Exide Technologies facility adversely affects (causes interference, pass through, or inhibition, etc.) the POTW, the permitted discharges may be modified to include flow restrictions, additional pollutant limits, and/or loading limits to remedy the adverse effects to the POTW.

- C. The outfall (sampling site) must be clearly and permanently labeled in plain view with two-inch characters. The label shall read "NTMWD O/F 200" for outfall 200.

PART 5 - ATTACHMENTS

Please refer to Attachment A for the standard conditions for an industrial user permit.

Please refer to Attachment B for a penult application form to be used for the next required permit.

Please refer to Attachment C for a Self-Monitoring Report Form.

Please refer to Attachment D for a map and picture of the permitted outfall.