

CITY OF CHARLOTTE
CHARLOTTE WATER
CHARLOTTE, NORTH CAROLINA

PERMIT

To Discharge Wastewater Under The
Industrial Pretreatment Program

Permit Number 5012

In compliance with the provisions of Chapter 23 of the Charlotte City Code, North Carolina General Statute 143-215.1, 40 CFR 437, Subpart B, and other lawful standards and regulations promulgated and adopted by the North Carolina Environmental Management Commission and the City of Charlotte, the following industry,

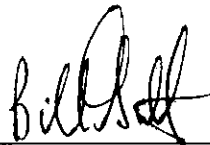
Haz~Mat Environmental Services, LLC

Hereafter referred to by name or as the Permittee, is hereby authorized to:

1. Continue operation of the existing pretreatment facility, consisting of 4 - 30,000 gallon equalization tanks, oil/water separator, primary treatment tank, chemical precipitation, dissolved air floatation unit, 3000 gallon oil residue tank, gravity filter, 275 gallon pH neutralization tank with associated caustic storage, and a final clarifier, located at 210 Dalton Avenue, Charlotte, North Carolina 28206; and
2. After receiving authorization to construct from the Control Authority, construct and operate additional pretreatment units as needed to meet final effluent limitations, monitoring requirements and all other conditions set forth in Parts I, II, and III hereof; and
3. Discharge wastewater from the pretreatment facility into the City of Charlotte's POTW, Sugar Creek NPDES Number NC0024937 in accordance with effluent limitations, monitoring requirements and all other conditions set forth in Parts I, II and III hereof.

This permit shall become effective January 1, 2018.

This permit and the authorization to discharge shall expire December 31, 2022.



Bill Gintert
Environmental Compliance Manager
Charlotte Water – System Protection
4222 Westmont Drive
Charlotte, North Carolina 28217

B. Effluent Limits and Monitoring Requirements - Final

Effective **January 1, 2018** and lasting until **December 31, 2022**, the Permittee is authorized to discharge from pipe 001 to the City of Charlotte's POTW, Sugar Creek NPDES Number NC0024937. This discharge shall be limited and monitored as specified below. Parameters and prohibitions not included below shall be regulated and limited in compliance with the sewer use ordinance, 40 CFR 437 Subpart B, and all other applicable federal categorical regulations.

<u>Limited Parameter</u>	<u>Effluent Limitations mg/L unless otherwise noted</u>		<u>Monitoring Frequency</u>	
	<u>Daily Maximum</u>	<u>Sample Type</u>	<u>City</u>	<u>Permittee</u>
Flow(1)	<u>0.031 MGD</u>	Metered	4**/3 months	Continuous
Ammonia as N	<u>***</u>	Comp.	4**/3 months	4**/3 months
cBOD ₅	<u>1800</u>	Comp.	4**/3 months	4**/3 months
Cd,T	<u>0.100</u>	Comp.	4**/3 months	4**/3 months
Cr,T	<u>0.487</u>	Comp.	4**/3 months	4**/3 months
Cu,T	<u>0.301</u>	Comp.	4**/3 months	4**/3 months
COD	<u>***</u>	Comp.	4**/3 months	4**/3 months
Cyanide, T	<u>0.12</u>	Grab	4**/3 months	4**/3 months
Pb,T	<u>0.172</u>	Comp.	4**/3 months	4**/3 months
Mo,T	<u>2.09</u>	Comp.	4**/3 months	4**/3 months
Ni,T	<u>0.64</u>	Comp.	4**/3 months	4**/3 months
Oil & Grease,T	<u>300</u>	Grab	4**/3 months	4**/3 months
Phosphorus, T	<u>***</u>	Comp.	4**/3 months	4**/3 months
TSS	<u>***</u>	Comp.	4**/3 months	4**/3 months
Zn,T	<u>3.50</u>	Comp.	4**/3 months	4**/3 months
pH	<u>* S.U.</u>	Grab	4**/3 months	4**/3 months
Sb	<u>0.141</u>	Comp.	4**/3 months	4**/3 months
Ba	<u>0.281</u>	Comp.	4**/3 months	4**/3 months
Co	<u>0.192</u>	Comp.	4**/3 months	4**/3 months
Sn	<u>0.146</u>	Comp.	4**/3 months	4**/3 months
Bis(2-ethylhexyl) phthalate	<u>0.158</u>	Comp.	4**/3 months	4**/3 months
Carbazole	<u>0.233</u>	Comp.	4**/3 months	4**/3 months
N-Decane	<u>3.31</u>	Comp.	4**/3 months	4**/3 months
Fluoranthene	<u>0.393</u>	Comp.	4**/3 months	4**/3 months
N-Octadecane	<u>0.925</u>	Comp.	4**/3 months	4**/3 months
Benzene	<u>0.450</u>	Grab	4**/3 months	4**/3 months
Ethylbenzene	<u>1.20</u>	Grab	4**/3 months	4**/3 months
Toluene	<u>1.50</u>	Grab	4**/3 months	4**/3 months
Xylene	<u>2.44</u>	Grab	4**/3 months	4**/3 months

* pH must be greater than or equal to 6.0 and less than or equal to 12.0 at all times.

** Grab or 24 hour flow proportional composite samples collected the given number of consecutive discharge days.

*** No limits at this time, only monitoring.

(1) Wastewater meter.