

APPENDIX I

TABLE A

Franklin, TN Industrial User Limits Summary

Calculations completed February 14, 2020. All results are expressed as mg/L.

Pollutant	Current Industrial User Daily Maximum Limits	Calculated Industrial User Daily Maximum Limits (calc. 2020)	"To be Adopted" Industrial User Daily Maximum Limits	Comment
<i>COMPOSITE SAMPLES</i>				
Ammonia	66.0	70.0	70.0	Higher IU Limit
Arsenic	0.578	1.08	0.578	Maintain previous limit
Cadmium	0.097	0.108	0.097	Maintain previous limit
Chromium, Total	2.24	7.5	2.24	Maintain previous limit
Chromium, VI	0.74	0.50	0.50	Lower IU Limit
Copper	2.77	3.91	2.77	Maintain previous limit
Lead	0.33	2.89	0.33	Maintain previous limit
Molybdenum	0.063	0.29	0.29	Higher IU Limit
Nickel	2.21	11.49	2.21	Maintain previous limit
Selenium	0.22	0.702	0.702	Higher IU Limit
Silver	0.141	0.752	0.141	Maintain previous limit
Zinc	2.61	4.94	2.61	Maintain previous limit
Naphthalene	0.041	0.119	0.041	Maintain previous limit
Total phthalates *1	1.69	2.58	1.69	Maintain previous limit
CBOD ₅	1050	1833	1050	Maintain previous limit
TSS	1460	2594	1460	Maintain previous limit
Total Nitrogen *2	117	122	117	Maintain previous limit
Total Phosphorus	63	84	63	Maintain previous limit
<i>GRAB SAMPLES</i>				
Mercury *3	0.0002	0.0045	0.0002	Maintain previous limit
Cyanide, Total	0.141	0.29	0.141	Maintain previous limit
Benzene	0.134	0.547	0.134	Maintain previous limit
1,1,1 Trichloroethane	1.785	8.12	1.785	Maintain previous limit
Ethylbenzene	0.255	1.10	0.255	Maintain previous limit
Carbon Tetrachloride	0.223	3.00	0.223	Maintain previous limit
Chloroform	1.65	10.21	1.65	Maintain previous limit
Tetrachloroethylene	0.268	5.05	0.268	Maintain previous limit
Trichloroethylene	0.406	3.65	0.406	Maintain previous limit
Toluene	0.311	8.4	0.311	Maintain previous limit
1,2 trans dichloroethylene	0.041	0.119	0.041	Maintain previous limit
Methylene chloride	1.174	5.05	1.174	Maintain previous limit
Total Phenols	1.09	2.81	1.09	Maintain previous limit
Xylene, Total	0.134	0.413	0.134	Maintain previous limit
Oil & Grease	100	103	100	Maintain previous limit
Hydrogen Sulfide	0.5	0.5	0.5	Maintain previous limit

*1: Includes bis(2-ethylhexyl)phthalate, benzyl butyl phthalate, di-n-butyl phthalate, & diethyl phthalate.

*2: Total Nitrogen is the sum of nitrite, nitrate, organic nitrogen and ammonia.

TABLE A (continued)

1. Any discharge of the following compounds or materials is prohibited (*1) :

(a) Polychlorinated Biphenyls (PCBs)

(b) Herbicides and Pesticides, including, but not limited to:

Aldrin	Endrin aldehyde	Methoxychlor
Chlordane	Guthion	Parathion
Demeton	Heptachlor	4,4-DDD
Dieldrin	Heptachlor epoxide	4,4-DDE
Endosulfan I	Hexachlorocyclo-hexane	4,4-DDT
Endosulfan II	Hexachlorocyclopentadiene	Alpha BHC, Beta BHC, Delta BHC, or Gamma BHC *
Endosulfan sulfate	Lindane	Tetrachlorodiphenylethane (TDE)
Endrin	Mirex	Toxaphene

* BHC: Benzene Hexachloride

(c) Organic compounds that include:

Acetone	Phenanthrene
Dioxin (TCDD)	2-butanone (MEK)
Hexane	4-methyl-2-pentanone (MIBK)

2. No Person shall discharge any organic pollutants that result in the presence of toxic gases, vapors, or fumes within a public, or private sewer, or treatment works in a quantity that will cause acute or chronic worker health and safety problems, or danger to the life and health of the public; or will cause any impact to the Franklin sewer collection system or Franklin Wastewater Treatment Plant.

Organic pollutants subject to this restriction include but are not limited to:

Any organic compound listed in 40 Code of Federal Regulations 433.11(e) - Total Toxic Organics (TTO) list.

(*1) "Prohibited" means that these compounds shall not be discharged to the POTW. Any wastewater sample that detects these compounds will be considered a violation of the Franklin Local Limits.