

**TABLE 2: Kingsport Industrial User Local Limit Summary**

Kingsport WWTP - Industrial User Local Limits Summary					Evaluated: January 2024 Revised: March 27, 2024			
All results are expressed as mg/L.								
Parameter	Monthly Average Limits				Daily Maximum Limits			
	Current IU Monthly Avg Limits (est. 2018)	Calculated IU Monthly Avg Limits (2024)	"To be Adopted" IU Monthly Avg Limit	comment	Current IU Daily Maximum Limits (est. 2018)	Calculated Daily Maximum Limits (2024)	"To be Adopted" IU Daily Maximum Limit	comment
Ammonia	25.24	67.0	<b>25.24</b>	Keep existing limit	66.9	100.5	<b>66.9</b>	Keep existing limit
Arsenic	0.75	1.29	<b>0.75</b>	Keep existing limit	1.13	1.94	<b>1.13</b>	Keep existing limit
Cadmium	0.080	0.182	<b>0.080</b>	Keep existing limit	0.120	0.273	<b>0.120</b>	Keep existing limit
Chromium	2.43	4.21	<b>2.43</b>	Keep existing limit	3.68	6.32	<b>3.68</b>	Keep existing limit
Copper	1.07	2.47	<b>1.07</b>	Keep existing limit	1.62	3.71	<b>1.62</b>	Keep existing limit
Lead	0.71	1.47	<b>0.71</b>	Keep existing limit	1.06	2.20	<b>1.06</b>	Keep existing limit
Mercury	0.0084	0.0100	<b>0.0084</b>	Keep existing limit	0.0126	0.0150	<b>0.0126</b>	Keep existing limit
Molybdenum	5.3	4.82	<b>4.82</b>	more stringent limit	7.9	7.24	<b>7.24</b>	more stringent limit
Nickel	1.30	3.24	<b>1.30</b>	Keep existing limit	1.97	4.86	<b>1.97</b>	Keep existing limit
Selenium	2.31	3.24	<b>2.31</b>	Keep existing limit	3.46	4.85	<b>3.46</b>	Keep existing limit
Silver	0.156	0.246	<b>0.156</b>	Keep existing limit	0.23	0.37	<b>0.23</b>	Keep existing limit
Zinc	1.18	2.46	<b>1.18</b>	Keep existing limit	1.79	3.69	<b>1.79</b>	Keep existing limit
Naphthalene	0.017	0.044	<b>0.017</b>	Keep existing limit	0.026	0.066	<b>0.026</b>	Keep existing limit
Total phthalates *1	0.867	1.56	<b>0.867</b>	Keep existing limit	1.301	2.35	<b>1.301</b>	Keep existing limit
BODs	NA	NA	<b>NA</b>	NA	2128	2462	<b>2128</b>	Keep existing limit
Total Suspended Solids	NA	NA	<b>NA</b>	NA	2700	3927	<b>2700</b>	Keep existing limit
GRAB Samples:	Monthly Average of Grab Sampler	Monthly Average of Grab Sampler	Monthly Average of Grab Sampler	comment	Grab Sample Daily	Grab Sample Daily	Grab Sample Daily	comment
Cyanide	<b>0.35</b>	2.63	<b>0.35</b>	Keep existing limit	0.52	3.94	<b>0.52</b>	Keep existing limit
Total Phenol	<b>0.46</b>	2.01	<b>0.46</b>	Keep existing limit	0.70	3.01	<b>0.70</b>	Keep existing limit
Toluene	<b>0.165</b>	2.73	<b>0.165</b>	Keep existing limit	0.248	4.10	<b>0.248</b>	Keep existing limit
Benzene	<b>0.032</b>	0.181	<b>0.032</b>	Keep existing limit	0.048	0.270	<b>0.048</b>	Keep existing limit
1,1,1 Trichloroethane	<b>0.165</b>	2.61	<b>0.165</b>	Keep existing limit	0.248	3.91	<b>0.248</b>	Keep existing limit
Ethylbenzene	<b>0.081</b>	0.359	<b>0.081</b>	Keep existing limit	0.122	0.540	<b>0.122</b>	Keep existing limit
Carbon Tetrachloride	<b>0.312</b>	0.502	<b>0.312</b>	Keep existing limit	0.468	0.753	<b>0.468</b>	Keep existing limit
Chloroform	<b>1.074</b>	3.24	<b>1.074</b>	Keep existing limit	1.610	4.86	<b>1.610</b>	Keep existing limit
Tetrachloroethylene	<b>0.102</b>	1.424	<b>0.102</b>	Keep existing limit	0.153	2.14	<b>0.153</b>	Keep existing limit
Trichloroethylene	<b>0.193</b>	1.777	<b>0.193</b>	Keep existing limit	0.289	1.77	<b>0.289</b>	Keep existing limit
1,2 trans dichloroethylene	<b>0.023</b>	0.044	<b>0.023</b>	Keep existing limit	0.035	0.066	<b>0.035</b>	Keep existing limit
Methylene chloride	<b>0.587</b>	1.31	<b>0.587</b>	Keep existing limit	0.881	1.96	<b>0.881</b>	Keep existing limit
Xylene	<b>0.120</b>	0.181	<b>0.120</b>	Keep existing limit	0.180	0.270	<b>0.180</b>	Keep existing limit
Hydrogen Sulfide	NA	NA	NA	NA	0.5	0.5	<b>0.5</b>	Keep existing limit
Oil & Grease	NA	NA	NA	NA	100	115	<b>100</b>	Keep existing limit

\* VOCs, Cyanide, Hydrogen Sulfide, and Total phenol are grab samples.  
 \*1: Includes bis(2-ethylhexyl)phthalate, benzyl butyl phthalate, di-n-butyl phthalate, & diethyl phthalate.