

Draft March 2010 Industrial Water and Wastewater Demand Forecasts for the Upper Flint (UFL) Water Planning Region

UFL4. Total Industrial Water Demand (mgd) (AAD)

NAICS	Industry	2010	2020	2030	2040	2050
0	Other Industrial	0.65	5.19	5.22	5.25	5.30
212	Mining	1.10	1.71	2.32	2.93	3.54
311	Food - Food Manufacturing	2.60	3.30	3.41	3.47	3.55
312	Food - Beverage and Tobacco	0.00	0.00	0.00	0.00	0.00
313	Textiles - Textile Mills	0.09	0.09	0.09	0.09	0.09
314	Textiles - Textile Product Mills	0.23	0.23	0.23	0.23	0.24
315	Apparel	0.03	0.03	0.03	0.03	0.03
322	Paper	11.13	12.13	13.05	13.98	13.99
324	Petroleum	0.00	0.00	0.00	0.00	0.00
325	Chemicals	0.00	0.00	0.00	0.00	0.00
326	Rubber	0.00	0.00	0.00	0.00	0.00
327	Stone and Clay	4.36	4.40	4.44	4.47	4.51
331	Primary Metals	0.00	0.00	0.00	0.00	0.00
332	Fabricated Metal Products	0.00	0.00	0.00	0.00	0.00
335	Electrical Machinery	0.00	0.00	0.00	0.00	0.00
336	Automotive Manufacturing	0.00	0.00	0.00	0.00	0.00
	TOTAL	20.19	27.08	28.78	30.46	31.24

UFL5. Total Industrial Wastewater Produced (mgd), max monthly demand

NAICS	Industry	2010	2020	2030	2040	2050
0	Other Industrial	0.40	3.17	3.18	3.21	3.23
212	Mining	0.67	1.04	1.41	1.79	2.16
311	Food - Food Manufacturing	2.47	3.14	3.24	3.30	3.37
312	Food - Beverage and Tobacco	0.00	0.00	0.00	0.00	0.00
313	Textiles - Textile Mills	1.23	1.23	1.23	1.23	1.23
314	Textiles - Textile Product Mills	0.10	0.10	0.10	0.11	0.11
315	Apparel	0.02	0.02	0.02	0.02	0.02
322	Paper	9.65	10.52	11.32	12.12	12.13
324	Petroleum	0.00	0.00	0.00	0.00	0.00
325	Chemicals	0.00	0.00	0.00	0.00	0.00
326	Rubber	0.00	0.00	0.00	0.00	0.00
327	Stone and Clay	8.24	8.31	8.38	8.45	8.52
331	Primary Metals	0.00	0.00	0.00	0.00	0.00
332	Fabricated Metal Products	0.00	0.00	0.00	0.00	0.00
335	Electrical Machinery	0.00	0.00	0.00	0.00	0.00
336	Automotive Manufacturing	0.00	0.00	0.00	0.00	0.00
	TOTAL	22.78	27.53	28.89	30.22	30.78