

Implementation Plan

Table 6.03-1 Implementation Plan (lb TP) for Alternative No. 2

	Reach	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Agricultural WQT	59											9.9	19.9	29.8	39.7	49.6	59.6	69.5	79.4	89.3	99.3	109.2	119.1	129.0	139.0	148.9	158.8
Starin Park Underground Wet Detention Basin	59		20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
Armory Site-Business Park Wet Detention Basin	59						12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
West North Street HDS	59										3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
DLK/Main Street Wet Detention Basin	59												18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
Public Works Yard HDS	59														0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Ann Street Wet Detention Basin Chemical Treatment	59																107.8	107.8	107.8	107.8	107.8	107.8	107.8	107.8	107.8	107.8	107.8
Innovation Center Wet Detention Basin Chemical Treatment	59																				13.6	13.6	13.6	13.6	13.6	13.6	13.6
North Universal Boulevard Wet Detention Basin	59																							5.9	5.9	5.9	5.9
East Main Street Wet Detention Basin	59																								9.6	9.6	9.6
East Bluff Road	59																										6.6
Redevelopment at 80 Percent TSS Reduction	59	0.65	0.65	1.30	1.94	2.59	3.24	3.89	4.54	5.18	5.83	6.48	7.13	7.78	8.42	9.07	9.72	10.37	11.02	11.66	12.31	12.96	13.61	14.26	14.90	15.55	16.20
Total		0.6	21.6	22.2	22.9	23.5	36.4	37.1	37.7	38.4	43.0	53.5	82.7	93.3	104.2	114.8	233.1	243.7	254.3	264.8	289.0	299.6	316.0	326.6	346.8	357.4	374.5
Cumulative Citywide Percent TP Reduction (%)		45.6	46.8	46.8	46.8	46.9	47.6	47.6	47.7	47.7	47.9	48.5	50.2	50.8	51.4	52.0	58.6	59.1	59.7	60.3	61.7	62.3	63.2	63.8	64.9	65.5	66.4
Percent Closure of TP Reduction Gap (%)		0.2	5.8	5.9	6.1	6.3	9.7	9.9	10.1	10.2	11.5	14.3	22.1	24.9	27.8	30.7	62.2	65.1	67.9	70.7	77.2	80.0	84.4	87.2	92.6	95.4	100.0
Permit Required (10% of TP Reduction Gap by 2030)							37.45																				

Note: HDS=hydrodynamic separator

Stormwater BMPs in the City (Alternative #2 Example)

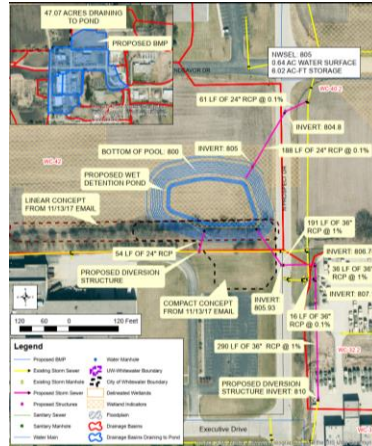


- Starin Road Underground Wet Pond (WP)**
- Existing Grant
 - 20.9 City/31.0 UWW lb TP
 - \$3.63 million
 - City \$1.46 million
 - UWW \$2.17 million



- Redevelopment at 80% TSS Reduction**
- 16.20 lbs over 20 years
 - \$0

- Agricultural Water Quality Trading (159 lbs TP)**
- \$25,400 in 2025\$
 - Begin implementation in 2035



- Armory Wet Pond**
- 12.3 lb TP
 - \$669,500



- West North Street HDS**
- 3.9 lb TP
 - \$261,500



- DLK/Main Street WP**
- 18.6 lb TP
 - \$454,400



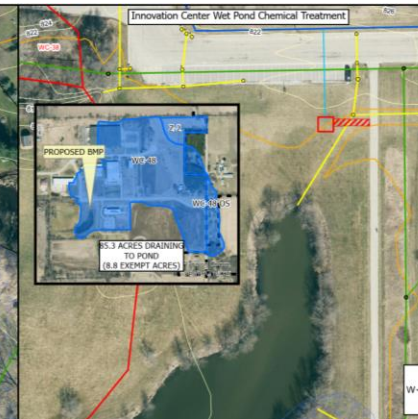
- Public Works-HDS**
- 0.4 lb TP
 - \$59,700



- N. Universal Blvd WP**
- 5.9 lb TP
 - \$647,000



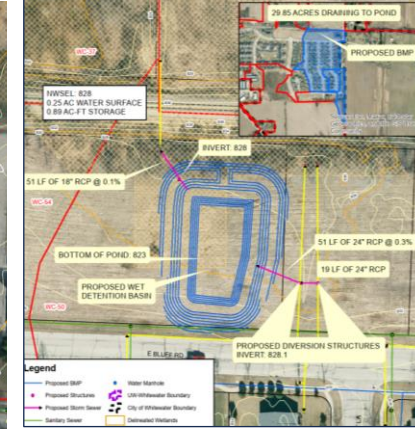
- Ann Street Wet Pond Chemical Treatment**
- 107.8 lb TP
 - \$456,900



- Innovation Center Wet Pond Chemical Treatment**
- 13.6 lb TP
 - \$450,000



- E. Main Street Wet Pond**
- 9.6 lb TP
 - \$792,300



- East Bluff Rd Wet Pond**
- 6.6 lb TP
 - \$401,400