

PHASE 2A WWIP PROGRAM SCHEDULE AND REPORT

Table 5 – Prioritized List of Projects for Phase 2A⁶

Order of Priority ³	Index if WWIP	Project	Basin	Estimated Cost (2006\$) ²	Cumulative Estimated Total for Defined Spending
1	248	Mill Creek CEPT (WWTP Pump Station Replacement/Upgrade)	Mill Creek	\$65,800,000	\$65,800,000
2	203	Little Miami Solids Handling Upgrades & Odor Control	Little Miami	\$15,500,000	\$81,300,000
3		Little Miami Solids Disposal System with Odor Control	Little Miami	\$20,000,000	\$101,300,000
4	215	Muddy Creek WWTP Pump Station Replacement (Part 1)	Muddy Creek	\$32,900,000	\$134,200,000
5		Annual Capital Allowances (\$20M/year)	District Wide	\$200,000,000	\$334,200,000
6	233, 234	Upper Muddy Creek Interceptor Replacement, Part 2	Muddy Creek	\$5,500,000	\$339,700,000
7		East Branch Muddy Creek Pump Station Upgrades	Muddy Creek	\$2,000,000	\$341,700,000
8	216	Muddy Creek (remote) Pump Station and Force Main	Muddy Creek	\$5,400,000	\$347,100,000
9		Mill Creek Solids Handling Improvements & Odor Control	Mill Creek	\$50,000,000	\$397,100,000
10		Bold Face Pump Station Upgrade (or Elimination)	Mill Creek	\$15,800,000	\$412,900,000
11	195-196, 198, 205, 206	Little Miami WWTP Pump Station Improvements	Little Miami	\$30,000,000	\$442,900,000
12		Pleasant Run Pump Station and Force Main Upgrades	Mill Creek	\$12,000,000	\$454,900,000
13	196, 200, 201, 202, 204	Little Miami Bundle Projects (all)	Little Miami	\$17,800,000	\$472,700,000

⁶ This list is current as of June 30, 2018. This list summarizes current utility needs but those needs are often updated and refined as new information or new priorities emerge as it relates to aging infrastructure or regulatory issues.

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14		Pump Station Telemetry System Upgrades	District Wide	\$4,375,000	\$477,075,000
15	223	West Branch Muddy Creek Interceptor Replacement	Muddy Creek	\$21,200,000	\$498,275,000
16	235	Addyston Pump Station Elimination	Muddy Creek	\$2,700,000	\$500,975,000
17	235	Addyston Extraneous Stormwater Removal	Muddy Creek	\$5,300,000	\$506,275,000
18		Pump Station Elimination-Barrington Hills group of four	Muddy Creek	\$6,000,000	\$512,275,000
19		Mill Creek High Water Dry Weather Protection (R.I.)/DUC	Mill Creek	\$4,000,000	\$516,275,000
20		Dry Run Area Sewers, Phase 2	Little Miami	\$5,750,000	\$522,025,000
21		Wilder Ave Sewer Replacement	Mill Creek	\$400,000	\$522,425,000
22		Colton Lane Sewer Replacement	Mill Creek	\$245,000	\$522,670,000
23		Wahl Terrace Sewer Replacement	Mill Creek	\$450,000	\$523,120,000
24		Hosea Street Sewer Replacement	Mill Creek	\$2,000,000	\$525,120,000
25		Central Parkway Sewer Replacement	Mill Creek	\$375,000	\$525,495,000
26		Schulte Drive Sewer Replacement	Mill Creek	\$390,000	\$525,885,000

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27		Mill Creek Primary Skimmings Odor Control	Mill Creek	\$2,100,000	\$527,985,000
28		Mill Creek Gravity Thickeners Odor Control	Mill Creek	\$1,500,000	\$529,485,000
29		Muddy Creek High Water Dry Weather Protection (R.I.)	Muddy Creek	\$4,000,000	\$533,485,000
30		SSO 603/704 with Dynamic Underflow Control in larger basin	Mill Creek	\$6,000,000	\$539,485,000
31		Mill Creek Primary Sludge Pumping Improvements	Mill Creek	\$17,185,800	\$556,670,800
32		Camargo Canyon Pump Station Elimination	Little Miami	\$960,000	\$557,630,800
33		Paxton Ave Sewer Rehabilitation	Little Miami	\$1,390,000	\$559,020,800
34		Delta & Greist Sewer Replacement	Little Miami	\$995,000	\$560,015,800
35		Paxton Ave at Linwood Sewer Replacement	Little Miami	\$185,000	\$560,200,800
36		Mill Creek Standby Power, Arc Flash, Loop Improvements	Mill Creek	\$3,200,000	\$563,400,800
37		Mill Creek Primary Grit Improvements	Mill Creek	\$1,593,100	\$564,993,900
38		Unspecified projects based on GSAM/Risk/Criticality ⁴	District Wide	\$90,000,000	\$654,993,900
39		E. Branch Mill Creek High Water Dry Weather Protection (R.I.)/DUC	Mill Creek	\$4,000,000	\$658,993,900
40		Polk Run WWTP Clarifier Upgrades	Polk Run	\$3,324,000	\$662,317,900
41		Taylor Creek WWTP Grit Facility Upgrades	Taylor Creek	\$1,000,000	\$663,317,900

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42		Polk Run WWTP Grit Facility Upgrades	Polk Run	\$1,000,000	\$664,317,900
43		Muddy Creek WWTP Disinfection Upgrades	Muddy Creek	\$2,000,000	\$666,317,900
44		Mill Creek Incinerator Refurbishment	Mill Creek	\$16,400,000	\$682,717,900
45		Taylor Creek WWTP (Wesselman) Pump Station Improvements	Taylor Creek	\$1,600,000	\$684,317,900
46		Little Miami WWTP NPW System Upgrade	Little Miami	\$4,000,000	\$688,317,900
47		Remote WWTP Facility Aeration Upgrades	District Wide	\$3,000,000	\$691,317,900
48		Muddy & Westbourne Facility Upgrade (non-'Bridge')	Muddy Creek	\$6,500,000	\$697,817,900
49		SSO 700 Facility Improvements (non-'Bridge')	Mill Creek	\$3,500,000	\$701,317,900
50		Real Time Control & Wet Weather Control Points Facility Improvements	District Wide	\$3,500,000	\$704,817,900
51		Polk Run Effluent Pumping Improvements	Polk Run	\$2,000,000	\$706,817,900
52		Mill Creek Disinfection Improvements	Mill Creek	\$6,107,900	\$712,925,800
53		Muddy Creek Effluent Pumping Improvements	Muddy Creek	\$1,629,500	\$714,555,300
54		Polk Run Odor Control & Sludge Improvements	Polk Run	\$5,000,000	\$719,555,300
55		Sycamore Creek Sludge Improvements	Sycamore	\$9,390,200	\$728,945,500
56	238, 239, 245	CSO 415, 416 Separation (Part 1)	Muddy Creek	\$3,441,000	\$732,386,500
57	239, 245	CSO 411,412,413,414 (Part 3)	Muddy Creek	\$7,426,000	\$739,812,500

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58	444	Ludlow Run Sustainable Infrastructure Part 3	Mill Creek	\$11,782,000	\$751,594,500
59	445	Ludlow Run Sustainable Infrastructure Part 2 (design/planning only)	Mill Creek	\$2,146,000	\$753,740,500
60	446	Ludlow Run Sustainable Infrastructure Part 1 (design/planning only)	Mill Creek	\$2,236,071	\$755,976,571
61	215	Muddy Creek EHRT	Muddy Creek	\$32,900,000	\$788,876,571
62	204	Little Miami Standby Power	Little Miami	\$4,912,000	\$793,788,571
63	317	Mount Washington Source Control Implementation	Little Miami	\$8,225,000	\$802,013,571
64	215	Muddy Creek Basin Storage & Conveyance (design only)	Muddy Creek	\$3,365,000	\$805,378,571
65	236	CSO 198 Partial Separation (Part 1)	Muddy Creek	\$3,590,000	\$808,968,571
66	236	CSO 198 Partial Separation (Part 2)	Muddy Creek	\$3,590,000	\$812,558,571
67	442	CSO 488/490 I-75 Reconstruction Coordination (construction only)	Mill Creek	\$1,327,000	\$813,885,571
68	218-222	CSO 402-406 Wet Weather Improvements (construction only)	Muddy Creek	\$9,732,000	\$823,617,571
69	240-244	East Branch Muddy Creek Interceptor	Muddy Creek	\$1,000,000	\$824,617,571
70	238	CSO 410 Separation - Partial	Muddy Creek	\$1,671,000	\$826,288,571
71	248	Mill Creek CEPT (design only)	Mill Creek	\$4,585,000	\$830,873,571
72		Fitzpatrick Sewer/Mill Creek Main Drain	Mill Creek	\$6,500,000	\$837,373,571
73	193	CSO 552 Partial Separation (design only)	Little Miami	\$477,000	\$837,850,571

Notes:

1: Year 1 of Phase 2A is in 2020. This list assumes 2019 spending is not reduced from 2018 level.

2: Costs are rough order of magnitude estimates

3. This list is not all-inclusive, and it is expected that some projects may become priorities based on future condition assessments.

4. Sewer replacement and rehabilitation projects are currently under evaluation and are listed as 'unspecified' projects.