

ATTACHMENT 1B

| INDEX | Project | | Project | Sunk | Remaining |
|-------|-----------------------------|--|------------|---------------|---------------|
| | | | Completion | Costs | Costs |
| | | | Actual | 2006 Dollars | 2006 Dollars |
| 1 | 10141660 | Norman Ave. | Jan-04 | \$ 137,501 | |
| 2 | 10141480 | Mill Rd. Sewer | Apr-04 | \$ 1,855,869 | |
| 3 | 10142040 | Compton Rd. | Apr-04 | \$ 210,603 | |
| 4 | 10144980 | Ross Run Grit Pit | Apr-04 | \$ 523,746 | |
| 5 | 10170040 | SSO 570 & 1017 in Madiera | Jun-04 | \$ 3,357,676 | |
| 6 | 10141260 | Springdale - Sharonville Sewer | Jul-04 | \$ 2,401,605 | |
| 7 | 10141720 | Goodman Ave. | Aug-04 | \$ 1,607,081 | |
| 8 | 10145120 | Eggleston & Bold Face | Sep-04 | \$ 64,109 | |
| 9 | 10170820 | Gungadin/Paddison Rd. | Sep-04 | \$ 3,126,594 | |
| 10 | 10141700 | Mill Creek WWTP Aux. Air Supply | Oct-04 | \$ 215,096 | |
| 11 | 10141200 | Northbrook SSO 628 | Nov-04 | \$ 1,423,853 | |
| 12 | 10145400 | Samohlt Ridge | Nov-04 | \$ 2,144 | |
| 13 | 10141220 | North College Hill | Dec-04 | \$ 5,391,761 | |
| 14 | 10141740 | St. Clair Sewer | Dec-04 | \$ 1,454,250 | |
| 15 | 10141580 | Mill Creek WWTP Replacement Screens Ph1 | Jan-05 | \$ 2,813,073 | |
| 16 | 10145000 | Mitchell Ave. | Feb-05 | \$ 615,916 | |
| 17 | 10141240 | Sewer 155 Cooper Creek | Mar-05 | \$ 5,104,573 | |
| 18 | 10141300 | Camberly Acres PS | Mar-05 | \$ 321,573 | |
| 19 | 10170020 | SSO 1053 East Fork Ave. Grating | Mar-05 | \$ 3,410,084 | |
| 20 | 10141400 | Deer Park | Apr-05 | \$ 2,076,612 | |
| 21 | 10144940 | Sawyer Point | Apr-05 | \$ 33,298 | |
| 22 | 10141880 | Laboiteaux Ave. | Jun-05 | \$ 181,725 | |
| 23 | 10110300 | Durango Green - Shadely Lane PS | Jul-05 | \$ 540,150 | |
| 24 | 10150000 | Polk Run WWTP Ph 2 STO | Sep-05 | \$ 11,186,361 | |
| 25 | 10150240 | Maple Ave. | Sep-05 | \$ 233,361 | |
| 26 | 10144920 | Harrison & State Ave. West 4 | Oct-05 | \$ 171,990 | |
| 27 | 10145020 | Montana Ave. | Oct-05 | \$ 138,382 | |
| 28 | 10141680 | 406 Elliot Ave. | Nov-05 | \$ 130,892 | |
| 29 | 10145080 | Eastern Ave. (Collins to Bayou) | Nov-05 | \$ 451,318 | |
| 30 | 10170940 | Stewart Rd. East Regulator | Nov-05 | \$ 412,420 | |
| 31 | 10141360 | Garden Hills PS | Dec-05 | \$ 1,065,355 | |
| 32 | 10141620 | Mill Creek WWTP Solids Mgmt Centrifuge Procurement | Dec-05 | \$ 2,616,020 | |
| 33 | 10144960 | Harrison & State Ave. West 3 | Dec-05 | \$ 325,357 | |
| 34 | PROJECTS IN CLOSEOUT | | | \$ 93,631,813 | \$ 16,983,454 |
| 35 | 10141760 | Mill Creek WWTP Raw Sewage Pumps | Dec-05 | \$ 3,153,931 | \$ 864,295 |
| 36 | 10120400 | Arrow St. WWTP Elimination & North Bend Crossing | Jan-06 | \$ 1,371,433 | \$ 26,412 |
| 37 | 10141640 | Mill Creek WWTP Solids Mgmt. Centrifuge Install. | Feb-06 | \$ 10,208,487 | \$ - |
| 38 | 10144900 | Ludlow Run | Mar-06 | \$ 2,615,592 | \$ 490,658 |
| 39 | 10145240 | Este Ave. | Jul-06 | \$ 90,636 | \$ 76,915 |
| 40 | 10145140 | Gvaudan Sewer | Sep-06 | \$ 67,933 | \$ - |
| 41 | 10170060 | Mariemont SSO Elimination 679A, 679B & 680 | Sep-06 | \$ 8,271,513 | \$ 809,602 |

| CSO SSO Identifier | Description / Design (NOTE4) | Technology | Plan CAPP | Plan Remaining CSO (MG/year) |
|--------------------------------|--|--------------|-----------|------------------------------|
| SSO 585 | Relief sewer to Elim. SSO 585 - 285 ft of 12" | CONV | 2 yr | |
| | Phase 2 - Relief sewer to replace sewer - 2200 ft of 30" | CONV | | |
| | Relieve WIBs w/sewer - 62 ft of 12" | CONV | | |
| | Grit Pit | - | | |
| SSO 570 & 1017 | Elim. SSOs 570 & 1017 w/Sewer. 3800 ft of 24 - 30 inch | CONV | 2 yr | |
| SSO 915 | Contract 3 - Relief sewer to eliminate SSO 915 - 7842 ft of 8-30" | CONV | 2 yr | |
| 531, 577, SSO 1002, 1005, 1024 | Relief sewer to Elim. SSOs 531, 577, 1002, 1005, & 1024 - 1850 ft of 24", 860 ft of 18", & 600 ft of 15" | CONV | 2 yr | |
| | HWDW - Tide Gate Replacement | HW | | |
| | Replace existing pipe - Approx 2800 LF of 12-27" | CONV | | |
| | Fulfillment of Need for Aux. Air Supply to Air Transfer Duct, connecting Incinerator Outlet to Scrubber Inlet to control pos. & neg. pressures in each unit. | WWTP | NOTE 1 | |
| SSO 628 | Phase 2 - Relief sewer to replace sewer near SSO 628 - 3500 ft of 12-15" | CONV | 2 yr | |
| | Solve WIB problems - 924 ft of 12-24" | CONV | | |
| 530, 531, SSO 567, 577, 634 | Phases 2C & 3 - Relief sewer to eliminate SSOs 530, 531, 567, 577, & 634 - 9880 ft of 12-42" | CONV | 2 yr | |
| | Relief sewer to replace sewer on Elizabeth Ave. - 2638 ft of 8-24" | CONV | | |
| | Phase 1 - Replace Screens | WWTP | NOTE 1 | |
| CSO 29 | New sewer to eliminate CSO 29 and abandon siphon line under Mill Creek | RI | | 0 |
| SSO 620 | Contract 2B - Relief sewer to eliminate SSO 620 - 7410 ft of 8-36" | CONV | 2 yr | |
| | PS Elim w/sewer - 659 ft of 8" | CONV | | |
| SSO 1053 CSO 70, 200 | Phase 2A, 2B, & 2C - Camargo Rd Sewer Improv. Elim. SSO 1053 and CSOs 70, 200 - 7088 ft of 8 - 36 inch | PS/CONV | 2 yr | 0 |
| SSO 1023, 600, & 601 | Relief sewer to Elim. SSOs 1023, 600, & 601 - 3600 ft of 30" & 570 ft of 21" sewer, remove diversion dam, and plugging existing dry line conduit | CONV | 2 yr | |
| SSO 597 | Elim. SSO 597 w/sewer - 559 ft of 15" | CONV | 2 yr | |
| | Elimination of PS w/Sewer - 2861 ft of 12-in. | CONV | | |
| | WWTP Optim. - Phase 2 | Optimization | NOTE 1 | |
| | Loveland Supplemental Agreement | - | | |
| CSO 4 | HWDW Protection | HW | | |
| CSO 89 | New sewer and building connections to eliminate CSO 89 | SEP | | 0.05 |
| SSO 572 | Relief sewer to Elim. SSO 572 - 203 ft of 16" | CONV | 2 yr | |
| | Phase 2 - Express Sewer to allow for development and conveyance of wet weather flows | CONV | | |
| CSO 557 | Completed; CIP 2002-05 Full Separation - Elimination CD Exhibit 1 | FS | | 0.0 |
| | PS Elim w/sewer - 4068 ft of 15 & 16" sewer | CONV | | |
| | Solids Management Program Centrifuge Procurement - Cost in WWTP Optimization | WWTP | NOTE 1 | |
| CSO 3 | HWDW Protection | HW | | |
| | Replace depleted wastewater Pumping System | WWTP | NOTE 1 | |
| | PS Elim & WWTP Elim. w/sewer - 6108 ft of 8-12" | CONV | | |
| | Solids Management Program Centrifuge Installation | WWTP | NOTE 1 | |
| CSO 151 | Collector Upgrade CIP 83-10 Exhibit 1 | CONV | | 16.8 |
| | Flood Remediation Sewer Este Ave. Overflow | - | | |
| | Removal of process flow from combined sewer to interceptor | - | | |
| SSO 679A, 679B & 680 | Elim. of SSOs 679, 679A, & 680 w/sewer. 5800 ft of 36 inch & 2000 ft of 8-21 inch | CONV | 2 yr | |

| ATTACHMENT 1B | | | | Project | Sunk | Remaining | CSO | Description / Design | Technology | Plan | Plan |
|---------------|---|--|------------|---------------|----------------|----------------|--|----------------------|------------|------|-------------------------|
| INDEX | Project ID | Project Name | Completion | Costs | Costs | Identifier | (NOTE4) | | | CAPP | Remaining CSO (MG/year) |
| | | | | Actual | 2006 Dollars | 2006 Dollars | | | | | |
| 42 | 10171420 | Archer St. Div Dam, HDW | Sep-06 | \$ 244,636 | \$ - | CSO 96 | HW/DW Protection | HW | | | |
| 43 | 10171820 | Beechmont Sluice Gate Rehabilitation | Oct-06 | \$ 1,753,157 | \$ 226,600 | | E-504 - Beechmont Sluice Gate WWTP Rehabilitation | WWTP | | | |
| 44 | 10141500 | Pleasant Run PS | Nov-06 | \$ 6,332,251 | \$ 485,377 | | Phase 2 - Replace existing FM - 3000 ft of 16" FM | FM | | | |
| 45 | 10170800 | Berkley Woods PS | Nov-06 | \$ 198,244 | \$ 123,747 | PSO 851 | Elim. PSO 851 w/Sewer - 1745 ft of 12" | CONV | 2 yr | | |
| 46 | 10120340 | Streamwood Pump Station | Dec-06 | \$ 270,665 | \$ 96,942 | | PS Elim w/sewer - 1072 ft of 12" | CONV | | | |
| 47 | 10141380 | N. Bend Rd./Connecticut Sewer | Dec-06 | \$ 908,577 | \$ 280,075 | SSO 222 | Relief sewer to Elim. SSO 222 - 1821 ft of 12-21" | CONV | 2 yr | | |
| 48 | 10141820 | SSO 700 CEHRS Treatment Facility | Dec-06 | \$ 12,730,053 | \$ 1,500,406 | SSO 700 | CEHRS Treatment Facility (Performance in 41180) | CEHRS | | | |
| 49 | 10170840 | Johnson Rd. PS | Mar-07 | \$ 605,979 | \$ 253,036 | | Phase 2 Elim. of P.S. w/Sewer - 834 ft of 30" | CONV | | | |
| 50 | 10142000 | W. Branch Mill Creek SSO 574 | May-07 | \$ 444,930 | \$ 349,792 | SSO 574 | Elim. SSO 574 w/sewer - 950 ft of 15" | CONV | 2 yr | | |
| 51 | 10141420 | Centurion Estates PS | Jun-07 | \$ 385,144 | \$ 307,478 | PSO | PS Elim w/sewer - 1570 ft of 12" | CONV | 2 yr | | |
| 52 | 10141600 | Mill Creek WWTP Replacement Screens Ph2 | Jun-07 | \$ 2,919,250 | \$ 701,430 | | Phase II - Replace Screens | WWTP | NOTE 1 | | |
| 53 | 10141340 | Greenridge PS | Sep-07 | \$ 580,614 | \$ 87,582 | | PS and 1000 ft of 6" FM | PSU/FM | | | |
| 54 | 10150011 | Polk Run WWTP PS Elimination Sewer Ph3A | Sep-07 | \$ 522,457 | \$ 145,486 | | Polk Run WWTP PS Elimination Sewer Ph3A | Optimization | NOTE 1 | | |
| 55 | 10145200 | Butler St. | Oct-07 | \$ 94,432 | \$ - | CSO 450 | Separation sewer to aid in elimination of CSO 450 | PS | | | 0.0 |
| 56 | 10172200 | Broadview Dr./Country Club, SEP | Nov-07 | \$ 1,098,035 | \$ 425,547 | | Partial Separation | PS | | | |
| 57 | 10141780 | Arrowhead Ct. PS & Marview Terrace PS | Dec-07 | \$ 657,361 | \$ 131,280 | PSO 790, 798 | Relief sewer to Elim. Marview PS (900 ft of 8") & New PS/FM to Replace Arrowhead PS (245 ft of 4") | PSU/CONV | 2 yr | | |
| 58 | 10145040 | West 3rd St., Ph3 CSO 437 | Dec-07 | \$ 301,714 | \$ 54,969 | CSO 437 | Partial Separation Phase 3 CIP 98-91 - 2006 Construction (CD Exhibit 1) | PS | | | 0.2 |
| 59 | 10130420 | Wulff Run Rd. | Jan-08 | \$ 94,677 | \$ 57,510 | | Parallel section of Wulff Run Interceptor - 200 ft of 24" | CONV | | | |
| 60 | 10145220 | Ross Run CSO 487 Twin Outfall | Jan-08 | \$ 3,858,803 | \$ 832,675 | CSO 487 | Real Time Control Project to retain water in CSO with inflatable dam (CSO annual reduction of approximately 250 MG/year) | RTC | | | In 43040 NOTE 5 |
| 61 | 10145100 | Ross Run | Apr-08 | \$ 1,614,452 | \$ 343,174 | CSO 487 | Aid in separation of existing combined sewer | SEP | | | In 45220 |
| 62 | 10160000 | Sycamore WWTP Ph 1&2 | Apr-08 | \$ 26,566,214 | \$ 3,035,574 | SSO 1052 | Sycamore WWTP Upgrade - 50 MGD, Phase 1 and 2 | Optimization | NOTE 1 | | |
| 63 | 10131200 | Mt. St. Joseph Sewer Replacement | Jul-08 | \$ 511,347 | \$ 519,479 | CSO 408 | Mount St. Joseph Sewer Replacement | PS | | | In 30780 |
| 64 | 10120380 | Hengehold 4th & Yales 3rd PSE | Oct-08 | \$ 703,189 | \$ 397,965 | PSO 774, 783 | PS Elim w/sewer - 2708 ft of 12" | CONV | 2 yr | | |
| 65 | 10141839 | McGrew Ave. PSU | Oct-08 | \$ 304,233 | \$ 5,020 | | McGrew Ave. PS Upgrade | PSU | | | |
| 66 | 10120360 | Pebble Creek WWTP | Oct-08 | \$ 828,541 | \$ 647,905 | | WWTP replaced w/PS & FM | WWTP Elim. | | | |
| 67 | 10142440 | 7601 Production Dr. Grating | Dec-08 | \$ 122,447 | \$ 104,550 | CSO 191 | Regulator Improvements -0.20 cfs | RI | | | 0.2 |
| 68 | 10172090 | Kenwood Rd. PSU | Dec-08 | \$ 757,102 | \$ 1,375,273 | | Upgrade of Existing Kenwood PS No. 724 | PSU | | | |
| 69 | 10150012 | Polk Run WWTP Expansion Ph3B | Dec-08 | \$ 1,188,153 | \$ 938,980 | | Polk Run WWTP Expansion Ph3B | Optimization | NOTE 1 | | |
| 70 | 10141440 | Millbrook 1 PSU | Dec-08 | \$ 402,371 | \$ 302,501 | PSO 799 | PS and 800 ft of 6" FM - PS Upgrade | PSU/FM | 2 yr | | |
| 71 | 10170560 | Woodruff Rd. @ 8 Mile/Britney Acres PSU | Jan-09 | \$ 530,061 | \$ 371,610 | PSO 852 | 1.2 MGD, 600 ft of 6" F.M. - PS Upgrade | PSU/FM | 2 yr | | |
| 72 | 10141520 | Arrowood PSE | Jan-09 | \$ 425,199 | \$ 813,609 | PSO 861 | Eliminate PSO 861 | CONV | 2 yr | | |
| 73 | REMAINING PHASE 1 PROJECTS TO BE CONSTRUCTED | | | | \$ 114,204,002 | \$ 807,433,016 | | | | | |
| 74 | 10145280 | Mitchell Ave. RTC | | \$ 1,127,341 | \$ 1,516,011 | CSO 482 | Real Time Control Project to retain water in CSO with inflatable dam (CSO annual reduction of approximately 100 MG/year) | RTC | | | In 45380 NOTE 5 |
| 75 | 10145300 | Badgeley Run RTC | | \$ 305,654 | \$ 2,617,058 | CSO 125 | Real Time Control Project to retain water in CSO with inflatable dam (CSO annual reduction of approximately 60 MG/year) | RTC | | | In 43820 NOTE 5 |
| 76 | 10145180 | Mill Creek Interceptor Diversion Chamber | | \$ 1,223,735 | \$ 365,126 | CSO 181 | Bloody Run & Spring Grove Ave - Phase 2 - REG | RI | | | In 42700 |
| 77 | 10145320 | Lick Run RTC | | \$ 76,572 | \$ 1,376,782 | CSO 5 | Real Time Control Project to retain water in CSO (CSO annual reduction of approximately 200 MG/year) | RTC | | | In 45660 NOTE 5 |
| 78 | 10130560 | Muddy Creek WWTP Secondary Enhancement | | \$ 5,734,429 | \$ 5,289,057 | | W-102 - WWTP Optimization Secondary Enhancement (98-09) | WWTP | NOTE 1 | | |
| 79 | 10130565 | Muddy Creek WWTP Effluent Pump Upgrade | | \$ 808,071 | \$ 2,801,053 | | W-102 - WWTP Optimization Raw Sewage Pump Upgrade, Effluent Pump Upgrade | WWTP | NOTE 1 | | |
| 80 | 10170780 | LM WWTP, Activated Sludge Thickening | | \$ 2,429,843 | \$ 3,346,832 | | E-503 - Activated sludge thickening (CIP 2005-31) | WWTP | NOTE 1 | | |
| 81 | 10130680 | Harwinton Lane | | \$ 117,431 | \$ 1,049,285 | SSO 1012 | Replace sewer - 2000 ft of 12" | CONV | 2 yr | | |
| 82 | 10141540 | Winton and Sherwood Ph1 PS | | \$ 338,400 | \$ 2,060,694 | PSO 805 | Phase I - New PS, gravity sewer from Winton 2 to Winton 1, and New FM in Winton Rd | CONV | 2 yr | | |
| 83 | 10141560 | Winton and Sherwood Ph2 PS | | \$ 297,465 | \$ 1,362,778 | PSO 805 | Phase II - New sewer to Elim. Sherwood PS - 2300 ft of sewer & 4730 ft of FM | CONV | 2 yr | | |
| 84 | 10160005 | Sycamore WWTP Ph 3 | | \$ 770,557 | \$ 8,114,844 | SSO 1052 | Sycamore WWTP Upgrade - 50 MGD, Phase 3 | Optimization | NOTE 1 | | |
| 85 | 10160010 | Sycamore WWTP Ph 4 | | \$ 216,253 | \$ 2,550,814 | SSO 1052 | Sycamore WWTP Upgrade - 50 MGD, Phase 4 | Optimization | NOTE 1 | | |

ATTACHMENT 1B

| INDEX | Project | Sunk Costs | Remaining Costs | CSO SSO Identifier | Description / Design (NOTE4) | Technology | Plan CAPP | Plan Remaining CSO (MG/year) | | | |
|-------|--|---------------|-----------------|---|--|------------|-----------|------------------------------|------------|--------------|--------------|
| | | | | | | | | | Completion | 2006 Dollars | 2006 Dollars |
| | | | | | | | | | Actual | 2006 Dollars | 2006 Dollars |
| 86 | 10180600 Mill Creek WWTP, TPE Incinerator | \$ 35,021,978 | \$ 36,057,036 | | Mill Creek WWTP, TPE Incinerator | WWTP | NOTE 1 | | | | |
| 87 | 10120420 Diamond Oaks, Windmere 3rd & Regency Ridge PS | \$ 306,882 | \$ 1,336,137 | PSO | PS Elim w/sewer - 3200 ft of 8" Montgomery Rd & Lester Ave | CONV | 2 yr | | | | |
| 88 | 10170081 Montgomery Rd & Lester Ave | \$ 57,618 | \$ 984,962 | | | CONV | | | | | |
| 89 | 10144441 1852 Columbia Pkwy Sewer | \$ 242,189 | \$ 1,744,316 | CSO 455 | 2145 feet of 27 to 36" combined sewer and 2050 feet of 36" storm sewer. Catch basins along the storm sewer will be diverted to the storm sewer, allowing the combined sewer to be downsized. | PS | | In 44440 | | | |
| 90 | 10144880 Mill Creek WWTP Grit Removal | \$ 667,744 | \$ 36,263,529 | | C-402 - Mill Creek Grit Removal Improvements (CIP 2006-30) | WWTP | NOTE 1 | | | | |
| 91 | 10120460 Towers East Pump Station | \$ 20,305 | \$ 2,183,245 | PSO 887, 891 | Eliminate Towers East PS & Upgrade Ponderosa PS | PSE/PSU | 2 yr | | | | |
| 92 | 10144884 Mill Creek WWTP Secondary Treatment Enhance. - | \$ 985,315 | \$ 40,260,301 | | C-402 - Secondary Treatment Enhancements | WWTP | NOTE 1 | | | | |
| 93 | 10171980 (A) Eastern Delta Ave. Ph1 | \$ 4,552,591 | \$ 39,127,126 | | E-501 - Construct Real Time Control Chamber at Little Miami WWTP, construct 72" intersecting sewer to Eastern Avenue | CONV | | | | | |
| 94 | 10171920 (A) Eastern Delta Ave. Ph2 | \$ 1,139,074 | \$ 18,594,985 | CSO 469 | Extend interceptors to 2 new CSOs (469A & 469B) | CONV | | 75.9 | | | |
| 95 | 10171900 (A) Eastern Delta Ave. Ph3 | \$ 1,009,542 | \$ 14,249,639 | 467A, 467, CSO 468, 469, 657 | Separation of area tributary to CSO 467A and 657; construction of new flow regulator and flap gate (HW/DW) structures at CSOs 467, 468, and 469; demolition of Della Ave. Pump Station | CONV | | 47.5 | | | |
| 96 | 10131220 Glenview PS at Wesselman | \$ - | \$ 760,302 | PSO 773 | Upgrade PS | PSU | 2 yr | | | | |
| 97 | 10142240 Blue Rock Rd. Sewer Separation | \$ 2,931 | \$ 1,897,181 | CSO 180 | Full Separation - CIP 94-25 and Regulator Improvements -7.7 cfs Community Priority | FS | | 0.1 | | | |
| 98 | 10171840 (B) CSO 471 Grandin Rd. Reg. Improvements | \$ 585 | \$ 286,093 | CSO 471 | Regulator Improvements - 9.3 cfs Premised on operational changes at Four Mile P.S. | RI | | 0.0 | | | |
| 99 | 10171860 (B) CSO 470 Eastern Ave. Sewer Separation | \$ 309 | \$ 1,607,283 | CSO 470 | Partial Separation & Regulator Improvements Construct storm sewer from Eastern Ave to Wilmer Rd | PS | | 0.0 | | | |
| 100 | 10131180 (C) Muddy Creek WWTP New Belt Filter Press | | \$ 1,248,000 | | W-102 - Add new Belt Filter Press-B&N Proj. DR-2 | WWTP | NOTE 1 | | | | |
| 101 | 10131240 (C) Muddy Creek WWTP Grit Replacement | | \$ 4,470,000 | | Muddy Creek WWTP Grit Replacement | WWTP | NOTE 1 | | | | |
| 102 | 10142020 Daly Rd. to Compton Rd. | \$ 505,196 | \$ 13,742,834 | | Replace sewer #161 - 6500 ft of 21-30" | CONV | | | | | |
| 103 | 10145500 (D) Mill Creek WWTP Outfall Improvements | | \$ 15,163,200 | | Additional Optimization - Auxiliary Outfall Improvements | WWTP | NOTE 1 | | | | |
| 104 | 10145560 (D) Mill Creek WWTP Secondary Bypass Weir | | \$ 137,000 | | Secondary Bypass Weir | WWTP | NOTE 1 | | | | |
| 105 | 10145580 (D) Mill Creek WWTP Added Sludge Pumping | | \$ 1,315,000 | | Additional Primary Sludge Pumping | WWTP | NOTE 1 | | | | |
| 106 | 10143920 (E) CSO 194 High Point Sewer Separation | \$ 13,317 | \$ 4,105,549 | CSO 194 | Partial Separation Community Priority | PS | | 3.0 | | | |
| 107 | 10143940 (E) CSO 195 Westwood Northern Sewer Separation | \$ 13,170 | \$ 2,808,123 | CSO 195 | Partial Separation Community Priority | PS | | 3.7 | | | |
| 108 | 10143960 (E) CSO 525 Mt. Airy Grating Sewer Separation | \$ 6,619 | \$ 2,407,688 | CSO 525 | Partial Separation Community Priority | PS | | 2.5 | | | |
| 109 | 10130740 Werk & Westbourne Grating | \$ 374,405 | \$ 26,259,984 | CSO 522 | EHRT - 106 MGD Community Priority (NOTE 2) | EHRT | | 64.7 | | | |
| 110 | 10141080 (F) Ludlow and Lafayette Parallel Sewer | | \$ 865,920 | SSO 645, 225-A | New parallel sewer to follow original alignment - 1700 ft of 15" | CONV | 2 yr | | | | |
| 111 | 10143220 (F) Scarlet Oaks Regulator | | \$ 1,306,000 | CSO 179 | Partial Separation | PS | | 0.4 | | | |
| 112 | 10145660 Grey LMC Default Project | \$ - | \$ 244,342,000 | CSO 2, 3, 4, 5, 6, 7, 9, 666, 152, 426, 429 | Grey LMC Default Project - Tunnel and EHRT to remove a total of 1.6 billion gallons of overflow. (RTC projects remove an additional 0.41 billion gallons - 45220, 45280, 45300, 45320 - A total of 2 billion gallons of overflow removed.) | Tun/EHRT | | 451 | | | |
| 113 | Allowances | \$ 56,038,261 | \$ 252,000,000 | | | | | | | | |
| 114 | 10170080 (G) SSO 1000 Elimination | | \$ 1,815,294 | SSO 1000 | Replace existing pipe - Approx. 4400 LF of 15-24" | CONV | 2 yr | | | | |
| 115 | 10170100 (G) SSO 228 Elimination | | \$ 1,381,001 | SSO 228 | Replace existing pipe - Approx. 3100 LF of 15-18" | CONV | 2 yr | | | | |
| 116 | 10171580 (G) CSO 54 Elimination | | \$ 277,344 | CSO 54 | Regulator Improvements-10.0 cfs CAPP P-LM-LIT-CAPP-C-064 | RI | | 0.1 | | | |
| 117 | 10171620 (G) CSO 187 Improvements | | \$ 277,345 | CSO 187 | No modification-Int 0.50 cfs 0.0 MGD to UD Channel HRT | RI | | 0.0 | | | |
| 118 | 10171740 (G) CSO 551 Sewer Separation | | \$ 3,781,924 | CSO 551 | Sewer Separation | SEP | | 13.1 | | | |
| 119 | 10171780 (G) CSO 553 Sewer Separation | | \$ 1,926,561 | CSO 553 | Sewer Separation | SEP | | 5.4 | | | |
| 120 | PHASE 1 PROJECTS/BUNDLES - PLANNING and DESIGN ONLY | | | | | | | | | | |
| 121 | 10171540 CSO 135 Elimination | | \$ 33,629 | CSO 135 | Regulator Improvements - 2.4 cfs | RI | | | | | |
| 122 | 10171560 CSO 43 Elimination | | \$ 33,185 | CSO 43 | Regulator Improvements - 2.8 cfs | RI | | | | | |
| 123 | 10171600 CSO 170 Elimination | | \$ 34,664 | CSO 170 | Regulator Improvement - 3.1 cfs | RI | | | | | |

ATTACHMENT 1B

| INDEX | Project | | | CSO SSO Identifier | Description / Design (NOTE4) | Technology | Plan CAPP | Plan Remaining CSO (MG/year) | |
|-------|------------|---|-----------------|--------------------|------------------------------|---------------------------------|--|------------------------------|--------|
| | Completion | Sunk Costs | Remaining Costs | | | | | | |
| | Actual | 2006 Dollars | 2006 Dollars | | | | | | |
| 124 | 10171640 | CSO 214 Storage Facility | | | \$ 2,348,676 | CSO 214 | Storage - 2.00 MG | STO | |
| 125 | 10171660 | CSO 500 Improvements | | | \$ 34,275 | CSO 500 | Regulator Improvement - 1.5 cfs. See E-500 | RI | |
| 126 | 10171680 | CSO 501 Improvements | | | \$ 33,971 | CSO 501 | Regulator Improvement - 0.1cfs. See E-500 | RI | |
| 127 | 10171700 | CSO 549 Improvements | | | \$ 33,731 | CSO 549 | Regulator Improvement - 5.0 cfs. See E-500 | RI | |
| 128 | 10171720 | CSO 550 Improvements | | | \$ 33,525 | CSO 550 | Regulator Improvement - 0.4 cfs. See E-500 | RI | |
| 129 | 10171760 | CSO 552 Improvements | | | \$ 35,234 | CSO 552 | Regulator Improvement - 19.4 cfs | RI | |
| 130 | 10171800 | Upper Duck Creek EHRT Facility | | | \$ 2,347,477 | | E-500 - EHRT - 40-MGD - Serves CSOs 170, 549, 550, 501 & 500 (NOTE 2) | EHRT | |
| 131 | 10170782 | LM Four Mile Pump Station Upgrade | | | \$ 542,498 | | E-503 - Four Mile Pump Station Rec Proj - PS-1 | WWTP | NOTE 1 |
| 132 | 10170783 | LMWWTP Pump Station Reconfiguration | | | \$ 467,842 | | E-503 - Modify LMR Pump Station Rec Proj - PS-5 | WWTP | NOTE 1 |
| 133 | 10170784 | LMWWTP Grit Station Upgrade | | | \$ 1,185,142 | | E-503 - Grit Collection Proj - SG-1 | WWTP | NOTE 1 |
| 134 | 10170785 | LMWWTP Pump Station Hydraulic Improvements | | | \$ 280,006 | | E-503 - Four Mile Pump Station to Screen Building Rec Proj - H-1 | WWTP | NOTE 1 |
| 135 | 10170786 | LMWWTP Primary to Secondary Hydraul. Improvements | | | \$ 231,868 | | E-503 - Primary to Secondary Conveyance Rec Proj - H-2 | WWTP | NOTE 1 |
| 136 | 10170787 | LMWWTP Chemically Enhanced Primary | | | \$ 899,299 | | E-503 - Chemical Enhance Primary Rec Proj - PT-2 | WWTP | NOTE 1 |
| 137 | 10170788 | LMWWTP Secondary Treatment Modifications | | | \$ 1,372,476 | | E-503 - Modification to Secondary Treatment Rec Proj - ST-2 | WWTP | NOTE 1 |
| 138 | 10170790 | LMWWTP Chemical Feed Upgrades | | | \$ 541,064 | | E-503 - Upgrade Chemical Feed Sys Storage - D-2 | WWTP | NOTE 1 |
| 139 | 10170793 | LMWWTP Sludge Receiving Improvements | | | \$ 64,639 | | E-503 - Improvement to Sludge Receiving Facility Rec Proj - DR-6 | WWTP | NOTE 1 |
| 140 | 10170794 | LMWWTP Standby Power | | | \$ 1,074,223 | | E-503 - Dual Feed / Standby Power Rec Proj - E-1 | WWTP | NOTE 1 |
| 141 | 10172020 | LMWWTP Wet Weather Pump Station | | | \$ 5,286,355 | | E-505 - Wet Weather Pump Station with Screening 150 MGD to Auxiliary Outfall | WWTP | NOTE 1 |
| 142 | 10172260 | LMWWTP Dry Weather Pump Station | | | \$ 125,000 | | Four Mile PS - Dry Weather Pumps - B&N Rec. Proj. PS-1 | WWTP | NOTE 1 |
| 143 | 10140400 | Lockland Sewer Separation | | | \$ 381,514 | SSO 1045, 1010 | Replace collector following original alignment - 7968 ft of 12-24" | CONV | |
| 144 | 10142280 | Oxley Grating | | | \$ 36,201 | CSO 226 | Regulator Improvement-6 cfs. Combine with implementation of green infrastructure as redevelopment, renovation, and routine maintenance occurs to achieve CSO control to achieve 85%. | RI | |
| 145 | 10142300 | 914 Oak St. Grating | | | \$ 36,066 | CSO 559 | Regulator Improvements-14.0 cfs. Green potential greater than storage need. | RI | |
| 146 | 10142320 | 200' West of Bacon St. Grating | | | \$ 33,680 | CSO 515 | Regulator Improvements-0.7 cfs | RI | |
| 147 | 10142340 | Bacon St. Grating | | | \$ 33,680 | CSO 516 | Regulator Improvements-0.11 cfs | RI | |
| 148 | 10142360 | No. 96 North Park Grating | | | \$ 36,066 | CSO 538 | Regulator Improvements-0.31 cfs | RI | |
| 149 | 10142380 | 117 E. Charlotte Grating | | | \$ 35,995 | CSO 539 | Regulator Improvements-5.0 cfs | RI | |
| 150 | 10142400 | 428 South Cooper Grating | | | \$ 35,994 | CSO 562 | Regulator Improvements-3.08 cfs | RI | |
| 151 | 10130000 | Muddy Creek Basin Storage & Conveyance Sewer | \$ 42,512 | \$ 14,060,624 | | 701, 702, 692, 697, 675-A, 1061 | Storage & Conveyance Tunnel unloads Muddy Creek PS, Eliminating SSOs 692 & 697, provides CSO control for 518, 404, 405 and 406 - 25 ft diameter, 8500 ft long, 3S MGD pumps at WWTP | TUNNEL | |
| 152 | 10130160 | Muddy Creek Pump Station Upgrade and Forcemain | \$ 4,043 | \$ 1,511,582 | | SSO 692, 697, 675-A | Elim. PSO - Increase capacity & convey to Hillside Relief Tunnel - 25 MGD pumps, 12' FM for DWF, 36" FM for WWF (associated with 30000) | PSU/FM | |
| 153 | 10130400 | River Rd. Near Muddy Creek WWTP Conveyance Sewer | \$ 3,725 | \$ 53,862 | | SSO 702 | Rapid Run/Bender Rd. Interceptor directly into New Tunnel - 800 ft of 36" | CONV | |
| 154 | 10131020 | CSO 402 Topinabee Dr. Reg. Improvements | \$ 797 | \$ 34,470 | | CSO 402 | Regulator Improvement - 13.3 cfs (dependent on 30000, 30160, 31120) | RI | |
| 155 | 10131040 | CSO 403 Elco St. Div. Dam Reg. Improvements | \$ 735 | \$ 34,648 | | CSO 403 | Regulator Improvement - 7.10 cfs (dependent on 30000, 30160, 31120) | RI | |
| 156 | 10131060 | CSO 404 Ivanhoe St. Reg. Improvements | \$ 704 | \$ 35,848 | | CSO 404 | Regulator Improvement - 26.9 cfs (dependent on 30000, 30160, 31120) | RI | |
| 157 | 10131080 | CSO 405 Revere St. Reg. Improvements | \$ 830 | \$ 35,034 | | CSO 405 | Regulator Improvement - 6.20 cfs (dependent on 30000, 30160, 31120) | RI | |
| 158 | 10131100 | CSO 406 Kennebeck St. Reg. Improvements | \$ 5,611 | \$ 35,178 | | CSO 406 | Regulator Improvement -15.4 cfs (dependent on 30000, 30160, 31120) | RI | |
| 158 | 10131120 | West Branch Ohio River Interceptor Sewer | \$ 16,349 | \$ 564,167 | | CSO 404, 405, 406 | Convey Flow from CSO 404 to WWTP - 4000' - 60", sized for 85% control for CSOs 404, 405 and 406 (dependent on 30000, 30160) | CONV | |
| 160 | 10140000 | SSO 1048 Conveyance Sewer Phase 1 | | \$ 450,870 | | SSO 1048 | Replace collector following original alignment - 4115 ft of 18-27"; Tunnel 375 ft of 18-24" | CONV | |

ATTACHMENT 1B

| INDEX | Project | Sunk Costs | Remaining Costs | CSO SSO Identifier | Description / Design (NOTE4) | Technology | Plan CAPP | Plan Remaining CSO (MG/year) | | | |
|-------|---|--------------|-----------------|--|--|------------|-----------|------------------------------|------------|--------------|--------------|
| | | | | | | | | | Completion | 2006 Dollars | 2006 Dollars |
| | | | | | | | | | Actual | 2006 Dollars | 2006 Dollars |
| 161 | 10140020 SSO 1048 Conveyance Sewer Phase 2 | | \$ 375,348 | SSO 1048, 587 | Replace collector following original alignment - 4256' of 30-36" | CONV | | | | | |
| 162 | 10140080 SSO 587 Conveyance Sewer | | \$ 275,637 | SSO 587 | Replace collector following original alignment - 4235 ft of 15-24" | CONV | | | | | |
| 163 | 10140120 Sharonville/Evandale Trunk to SSO 700 | | \$ 4,839,634 | SSO 1048, 587 | 24,929 LF of 30-66"; Tunnel 6250 LF of 30-78" | CONV | | | | | |
| 164 | 10140480 Pleasant Run Interceptor Replacement | | \$ 310,718 | | WIBs - Replace collector following original alignment - 4246 ft of 21-24" | CONV | | | | | |
| 165 | 10141180 I-75 & Shepard Ave. SSO 700 | | \$ 9,407,964 | SSO 700 | Increase Storage at existing site - Additional 24 MG (NOTE 3) | STOR | | | | | |
| 166 | 10142120 Mill & Vine St. Grating | | \$ 36,064 | CSO 512 | Regulator Improvements-3.25 cfs | RI | | | | | |
| 167 | 10142200 Bernard & Reisenberg Grating | | \$ 360,034 | CSO 513 | Partial Separation | PS | | | | | |
| 168 | 10142220 Smalley Grating | | \$ 193,696 | CSO 514 | Partial Separation | PS | | | | | |
| 169 | 10130020 Muddy Creek Interceptor Rehabilitation | | \$ 722 | SSO 1061 CSO 518 MH 16006007 | Clean Interceptor - 5000 ft of 36" | CLEAN | | | | | |
| 170 | 10130040 CSO 518 Muddy Creek Conveyance Sewer | | \$ 856,426 | SSO 1061 CSO 518 MH 16006007 | Replace section of Muddy Creek Int. - 9000 ft of 36", Provides CSO interception capacity for CSO 518 | CONV | | | | | |
| 171 | 10130280 Addyston PS Elimination | | \$ 266,996 | PSO 730, 10902003 | Elim. Addyston P.S. w/gravity along Rte. 50 - 2650' of 36" and two 100' of 24" | CONV | | | | | |
| 172 | 10130700 Muddy Creek @ Westbourne EHRT | | \$ 4,178,406 | CSO 198 | EHRT - 126 MGD Community Priority (NOTE 2) | EHRT | | | | | |
| 173 | 10130720 CSO 518 Improvements | | \$ 33,309 | CSO 518 | Regulator Improvement - 27.4 cfs Premised on CAPP Activity ID - 30040, 30000 Community Priority | RI | | | | | |
| 174 | 10130780 CSO's 223, 408, 410, 541, 654 | \$ 281,421 | \$ - | 223, 408, CSO 410, 541, 654 | CD Exhibit 1 Partial Separation | PS | | | | | |
| 175 | 10130840 CSO's 411, 412, 413, 414, 415, 416 | \$ 208,080 | \$ 953 | 411, 412, CSO 413, 414, 415, 416 | CD Exhibit 1 Regulator Improvement-3.21 cfs and Relocation Complete Partial Separation - Activity ID 31140 | RI/PS | | | | | |
| 176 | 10131000 E. Branch Muddy Ph1 Interceptor | \$ 1,239,024 | \$ 103,652 | | W-103 - CD Exhibit 1 Interceptor Replacement Phase 1 | CONV | | | | | |
| 177 | 10131002 E. Branch Muddy Ph2 Interceptor | \$ 432,610 | \$ 4,783 | | W-103 - CD Exhibit 1 Interceptor Replacement Phase 2 | CONV | | | | | |
| 178 | 10131003 E. Branch Muddy Ph3-A Pump Station (Changed to AM) | \$ 881,975 | \$ - | | W-103 - CD Exhibit 1 Interceptor Replacement Phase 3 | CONV | | | | | |
| 179 | 10131004 East Branch Muddy Ph3-B Pump Station (Changed to AM) | \$ 246,641 | \$ - | | East Branch Muddy Ph3-B Pump Station | CONV | | | | | |
| 180 | 10131006 East Branch Muddy Interceptor | | \$ 362,587 | | W-105 - Interceptor Extension | CONV | | | | | |
| 181 | 10131140 E. Branch Ohio Rinterceptor Sewer Separation | | \$ 1,028,053 | 408, 411, CSO 412, 414, 415, 416 | W-104 - Complete Partial Separation in CSOs areas 408, 411, 412, 414, 415, 416 | PS | | | | | |
| 182 | TOTAL PHASE 1 | | \$ 284,781,000 | \$ 881,535,710 | | | | | | | |

- NOTES:**
- 1 PROJECT COMPLETE AND IN SERVICE AT SPECIFIED CAPACITY
 - 2 FOR ALL PROJECTS WITH EHRT TECHNOLOGY VOLUME SHOWING IS REMAINING UNTREATED OVERFLOW - SEE ATTACHMENT 5.
 - 3 INFORMATION RELATED TO THIS PROJECT IS PRELIMINARY AND SUBJECT TO CHANGE BASED ON FURTHER STUDY AS SET FORTH IN PARAGRAPH A.3. OF THE WWIP
 - 4 CAPP DESIGN: ALL CAPP SEWER PROJECTS WILL BE DESIGNED TO MEET THE 10 YEAR DESIGN STORM EVENT. ALL CAPP PUMP STATION AND STORAGE FACILITIES WILL BE DESIGNED TO MEET THE 2 YEAR DESIGN STORM EVENT. THE 2 AND 10 YEAR DESIGN STORMS ARE SCS TYPE II - 24 HOUR EVENTS.
 - 5 FOR THESE RTC PROJECTS, THE STATED REDUCTION IN THE TYPICAL YEAR CSO DISCHARGE VOLUME SHALL ALSO BE THE PERFORMANCE CRITERIA FOR THE FACILITY.
 - 6 PERFORMANCE CRITERIA FOR CSO VOLUMES REMAINING AFTER IMPLEMENTATION OF CSO CONTROLS ARE THE VOLUMES NOT TO BE EXCEEDED AT A PARTICULAR OUTFALL DURING MSDGC'S TYPICAL RAINFALL YEAR (1970). COMPLIANCE WITH THESE CRITERIA WILL BE EVALUATED BY IMPLEMENTATION OF A POST CONSTRUCTION MONITORING PROGRAM (WHICH WILL BE SUBMITTED TO THE REGULATORY AGENCIES FOR REVIEW AND APPROVAL IN ACCORDANCE WITH THE GLOBAL CONSENT DECREE) THAT WILL UTILIZE MSDGC'S HYDROLOGIC AND HYDRAULIC MODEL TO NORMALIZE THE RESULTS OF THE POST CONSTRUCTION MONITORING TO THE TYPICAL YEAR.

Bundle Identifiers

- (A) The Eastern Delta Bundle on Attachment 1A consists of these projects.
- (B) The Lower Little Miami Bundle on Attachment 1A consists of these projects.
- (C) The Muddy Creek WWTP Bundle on Attachment 1A consists of these projects.
- (D) The Mill Creek WWTP Bundle on Attachment 1A consists of these projects.
- (E) The Westwood Northern Bundle on Attachment 1A consists of these projects.
- (F) The North Side Upper Bundle on Attachment 1A consists of these projects.
- (G) The Upper Duck All Bundle on Attachment 1A consists of these projects.