



FY20 CIP, By Service Type and Program, less Grant Projects

	FY 2020
Wastewater	\$171,338,022
CMOM	\$45,512,439
Consent Decree (IOAP)	\$114,747,576
Development	\$3,304,055
NMC	\$7,773,951
Stormwater	\$12,418,533
Drainage	\$2,300,000
Floodplain Management	\$290,000
Ohio River Flood Protection	\$6,857,883
Stormwater Quality (MS4)	\$2,970,650
Support Systems	\$21,243,444
Capital Equipment	\$3,177,129
Facilities	\$14,412,193
IT	\$3,130,200
LOJIC	\$523,921
Grand Total	\$205,000,000



FY20 Capital Projects

Budget ID	Project Name	Service Type	Program	FY20 Budget
A16073	MUD LANE INTERCEPTOR	Wastewater	Development	\$ 2,128,195
A19090	FY20 Construction Inspection	Wastewater	CMOM	\$ 500,000
C18226	CSO 125 STORMWATER SEPARATION	Wastewater	Consent Decree (IOAP)	\$ 40,000
C19091	FY20 DRI	Stormwater	Drainage	\$ 2,000,000
C20090	FY20 STORMWATER ASSET INVENTORY & ANALYSIS	Stormwater	Drainage	\$ 250,000
D15020	MFQWQC CAKE PUMP PH2	Wastewater	NMC	\$ 1,346,189
D15024	MFQWQC CHILLER REPLACE	Support Systems	Facilities	\$ 122,210
D16272	CCWQTC INFLUENT PS MOTOR CONTROL CENTER UPGRADE	Wastewater	CMOM	\$ 1,876,483
D16275	CCWQTC WAS CYCLE AUTOMATION	Wastewater	CMOM	\$ 81,231
D16276	CCWQTC DIGESTER DECANT ENHANCE	Wastewater	CMOM	\$ 257,143
D17042	MFQWQC SEDIMENTATION BASIN REHAB INCLUDING FLOOR, GAT	Wastewater	NMC	\$ 1,153,122
D18117	MFQWQC SOLIDS MIXER REPLACE	Wastewater	NMC	\$ 400,000
D18118	MFQWQC TRK UNLOAD STATION PAVEMENT	Wastewater	NMC	\$ 58,362
D18120	MFQWQC CONDENSER WATER FOR DIGESTER WATER	Wastewater	NMC	\$ 334,750
D18127	DRGWQTC HYPO CONTAINMENT	Wastewater	NMC	\$ 123,865
D18128	DRGWQTC Paving and Parking Expansion Ph 1	Support Systems	Facilities	\$ 132,627
D18285	ORFM ODOR & CORROSION CONTROL	Wastewater	CMOM	\$ 1,609,726
D18292	DRG CLARIFIER GROUT RPR & RAS GATE REPLC	Wastewater	CMOM	\$ 2,156,315
D18452	FY20 MFQWQC Equipment RR	Wastewater	CMOM	\$ 1,300,000
D18489	CCWQTC FORCEMAIN EXTENSION	Wastewater	Development	\$ 360,352
D19028	FY20 MFQWQC Upgrade PLCs	Wastewater	NMC	\$ 250,000
D19039	CCWQTC EFFLUENT PARSHALL FLUME UPGRADE	Wastewater	CMOM	\$ 1,133,000
D19043	MFQWQC OGA & PTO DEMOLITION	Wastewater	NMC	\$ 50,000
D19045	MF SODIUM HYPOCHLORITE STORAGE	Wastewater	NMC	\$ 100,000
D19046	MFQWQC GROUNDWATER WELL #10	Wastewater	NMC	\$ 125,925
D19048	MFQWQC RADIO REPEATER	Wastewater	NMC	\$ 500,000
D19137	MFQWQC FEPS VFDS	Wastewater	NMC	\$ 1,750,000
D19227	MFQWQC PRIMARY SLUDGE LINE REPLACEMENT	Wastewater	CMOM	\$ 229,406
D19275	MDS Downstream Flowmeter	Wastewater	NMC	\$ 68,776
D19285	Bells Lane Phase 2	Wastewater	CMOM	\$ 158,927
D19286	SWPS Gas Monitoring	Wastewater	CMOM	\$ 250,000
D20016	DRG ADMIN BLDG HVAC	Support Systems	Facilities	\$ 475,800
D20017	CCWQTC Sodium Aluminate Building	Wastewater	CMOM	\$ 755,000
D20030	FY20 CCWQTC EQUIPMENT RR	Wastewater	CMOM	\$ 300,000
D20032	FY20 HCWQTC EQUIPMENT RR	Wastewater	CMOM	\$ 500,000
D20034	FY20 FFQWQC EQUIPMENT RR	Wastewater	CMOM	\$ 500,000
D20036	FY20 DRGWQTC EQUIPMENT RR	Wastewater	CMOM	\$ 500,000
E15033	SHIVELY PS GENERATOR	Wastewater	CMOM	\$ 63,108
E18446	FY20 SYSTEMS AUTOMATION	Wastewater	CMOM	\$ 100,000
E18467	FY20 CMOM Collection System Pump RR	Wastewater	CMOM	\$ 250,000



FY20 Capital Projects

E19211	FY20 Operations Renewal & Replacement	Wastewater	CMOM	\$ 4,687,802
F14182	MF FEPS PUMP REPAIR & MOTOR	Wastewater	NMC	\$ 30,000
F18022	HYDRAULIC STEEL STRUCTURES	Stormwater	Ohio River Flood Protection	\$ 245,000
F18234	FY20 Floodwall Gates Actuators RR	Stormwater	Ohio River Flood Protection	\$ 100,000
F18238	FY20 Floodwall Closures and Vaults RR	Stormwater	Ohio River Flood Protection	\$ 250,000
F18242	FY18 FLOODWALL CLOSURE UPGRADES	Stormwater	Ohio River Flood Protection	\$ 53,117
F18248	FY20 Floodwall Levee Repair and Toe Drains RR	Stormwater	Ohio River Flood Protection	\$ 500,000
F18252	FY20 Levee and Floodwall RR	Stormwater	Ohio River Flood Protection	\$ 500,000
F18295	STARKEY FPS CHECK VALVE REPLACE	Stormwater	Ohio River Flood Protection	\$ 5,679
F18302	PADDYS RUN FPS PUMPS 1,2&6 REHAB	Stormwater	Ohio River Flood Protection	\$ 1,568,252
F19092	FY20 Emergency Preparedness Plan	Stormwater	Floodplain Management	\$ 250,000
F19245	GATE 1 REPLACEMENT	Stormwater	Ohio River Flood Protection	\$ 85,885
F19267	Pond Creek FPS	Stormwater	Ohio River Flood Protection	\$ 2,179,950
F20003	FY20 VIADUCT INSTRUMENTATION	Stormwater	Drainage	\$ 50,000
F20013	Beargrass FPS Pump #8	Stormwater	Ohio River Flood Protection	\$ 70,000
G09535	CMF PARKING SURFACE	Support Systems	Facilities	\$ 1,335,526
G14150	LOJIC FY18/19 AERIAL IMAGERY & MAP UPDATE	Support Systems	LOJIC	\$ 123,921
G16048	FY20 DEVELOPMENT INFRASTRUCTURE SUPPORT	Wastewater	Development	\$ 85,000
G16050	FY20 DEVELOPMENT INFRASTRUCTURE EXCESS COST REIMBURSE	Wastewater	Development	\$ 150,000
G17033	LOUISVILLE GREEN MAJOR MAINTENANCE	Wastewater	NMC	\$ 682,961
G18303	CMF COOLING TOWER	Support Systems	Facilities	\$ 6,885
G18417	FY20 Facility Roof Inspections	Support Systems	Facilities	\$ 39,000
G18462	FY20 Land Acquisition	Wastewater	CMOM	\$ 4,000,000
G20001	FY20 RENEWAL & REPLACEMENT	Wastewater	CMOM	\$ 2,000,000
G20018	SWPS Site Security	Support Systems	Facilities	\$ 365,000
G20028	WQTC ELEVATOR REPAIRS	Support Systems	Facilities	\$ 1,935,145
G20134	HOLD FOR PERMANENT SOLUTION	Support Systems	Facilities	\$ 8,000,000
G20135	HOLD FOR PERMANENT SOLUTION IMPROVEMENTS	Support Systems	Facilities	\$ 2,000,000
G20150	FY20 CONTINGENCY RESERVE	Wastewater	CMOM	\$ 5,000,000
H09125	PORTLAND CSO BASIN	Wastewater	Consent Decree (IOAP)	\$ 1,352,507
H09127	ROWAN PS & DOWNTOWN CSO INTERCEPTOR	Wastewater	Consent Decree (IOAP)	\$ 16,340,612
H09132	SOUTHWESTERN PKWY STORAGE BASIN	Wastewater	Consent Decree (IOAP)	\$ 2,573,753
H09133	OHIO RIVER TUNNEL	Wastewater	Consent Decree (IOAP)	\$ 64,678,759
H09141	LEXINGTON & PAYNE CSO INT	Wastewater	Consent Decree (IOAP)	\$ 9,872,195
H09156	FY18 GREEN INFRASTRUCTURE	Wastewater	Consent Decree (IOAP)	\$ 260,021
H09164	IDLEWOOD ILS2023	Wastewater	Consent Decree (IOAP)	\$ 283,084
H09165	Bardstown Road PS Improvements	Wastewater	Consent Decree (IOAP)	\$ 582,189
H09166	LUCAS LN PUMP STATION ILS 2021	Wastewater	Consent Decree (IOAP)	\$ 41,350
H09176	FOX HARBOR INLINE STORAGE	Wastewater	Consent Decree (IOAP)	\$ 111,824
H09179	DELL ROAD 2022	Wastewater	Consent Decree (IOAP)	\$ 885,776
H09192	CINDERELLA PUMP STATION ELIMINATION	Wastewater	Consent Decree (IOAP)	\$ 110,985



FY20 Capital Projects

H09242	GUNPOWDER PUMP STATION 2021	Wastewater	Consent Decree (IOAP)	\$ 103,478
H10043	RAINTREE ELIMINATION 2021	Wastewater	Consent Decree (IOAP)	\$ 225,788
H10044	GOOSE CREEK PUMP STATION IMPROVEMENTS AND WET WEATH	Wastewater	Consent Decree (IOAP)	\$ 837,285
H10048	CAMP TAYLOR SYSTEM IMPROVEMENTS 4 (IF NECESSARY)	Wastewater	Consent Decree (IOAP)	\$ 935,380
H10179	USACE FPS O&M UPDATES	Stormwater	Ohio River Flood Protection	\$ 50,000
H11306	MIDDLE FORK BG CRK SSR PH 1	Wastewater	CMOM	\$ 723,050
H13099	SPALDING UNIVERSITY	Wastewater	Consent Decree (IOAP)	\$ 254,826
H14126	HITE CREEK WQTC EXPANSION	Wastewater	CMOM	\$ 8,174,998
H16007	FY20 CMOM WQTC CCP UPGRADES	Wastewater	CMOM	\$ 100,000
H16009	FY20 CMOM PROGRAM MANAGEMENT ASSISTANCE	Wastewater	CMOM	\$ 150,000
H16013	FY20 CMOM SCAP, AAM & FOG	Wastewater	CMOM	\$ 150,000
H16035	FY19 GREEN INFRASTRUCTURE	Wastewater	Consent Decree (IOAP)	\$ 938,527
H16045	FY20 PLUMBING MODIFICATION PROGRAM	Wastewater	CMOM	\$ 100,000
H16049	FY20 ENV'L DATA COLLECTION – MS4 & IOAP	Stormwater	Stormwater Quality (MS4)	\$ 650,000
H16051	FY20 GREEN INFRASTRUCTURE	Wastewater	Consent Decree (IOAP)	\$ 307,425
H16052	FY20 CMOM INFRASTRUCTURE REHABILITATION PROGRAM	Wastewater	CMOM	\$ 2,000,000
H16053	FY20 IOAP POST CONST COMPLIANCE ASSMT	Wastewater	Consent Decree (IOAP)	\$ 500,000
H16055	FY20 MS4 PROGRAM	Stormwater	Stormwater Quality (MS4)	\$ 800,000
H16056	FY20 NMC	Wastewater	NMC	\$ 50,000
H16059	FY20 USGS STREAM MONITORING	Stormwater	Stormwater Quality (MS4)	\$ 395,650
H16061	FY20 WATER QUALITY MODELING - NONPOINT & POINT FOR	Stormwater	Stormwater Quality (MS4)	\$ 225,000
H16074	Nightingale I/I Rehab	Wastewater	CMOM	\$ 2,222,500
H18165	FY20 Sewer Assessments	Wastewater	Development	\$ 50,000
H18176	DOWNTOWN CSO INT RPR	Wastewater	Consent Decree (IOAP)	\$ 591,588
H18442	FY20 NMC RTC	Wastewater	NMC	\$ 750,000
H18482	FY20 Modeling	Wastewater	Consent Decree (IOAP)	\$ 1,200,000
H18503	I-64/GRINSTEAD BASIN INTERCEPTOR REHAB	Wastewater	Consent Decree (IOAP)	\$ 2,069,550
H19056	CMOM TELOG 3G TO 4G CONVERSION	Wastewater	CMOM	\$ 60,411
H19060	BROWN FORMAN DISTILLERY	Wastewater	Consent Decree (IOAP)	\$ 1,250,000
H19088	FY20 CMOM Grinder RR	Wastewater	CMOM	\$ 250,000
H19089	FY20 CMOM WQTC Process Improvement	Wastewater	CMOM	\$ 150,000
H19095	FY20 PS RR	Wastewater	CMOM	\$ 600,000
H19142	Upper Floyds Fork Interceptor	Wastewater	Development	\$ 530,508
H19232	PARKWOOD PS ACCESS RD	Wastewater	CMOM	\$ 23,340
H19247	I-64 & GRINSTEAD CSO INTERCEPTOR	Wastewater	Consent Decree (IOAP)	\$ 5,975,677
H20040	FY20 CIP TASK ASSISTANCE	Wastewater	Consent Decree (IOAP)	\$ 1,100,000
H20045	FY20 REGULATORY COMPLIANCE SUPPORT	Wastewater	CMOM	\$ 600,000
H20055	FY20 CMOM I&C IMPLEMENTATION	Wastewater	CMOM	\$ 100,000
H20061	FY20 CMOM GRAVITY LINE CLEANING & INSPECTION	Wastewater	CMOM	\$ 1,500,000
H20086	FY20 TREE PROGRAM	Stormwater	Stormwater Quality (MS4)	\$ 150,000
H20088	FY20 MAPLE ST LAND USE PLANNING	Stormwater	Floodplain Management	\$ 40,000



FY20 Capital Projects

H20089	3-FORKS BGC USAGE GENERAL INVESTIGATION	Stormwater	Stormwater Quality (MS4)	\$	300,000
H20122	FY20 MS4 BASIN RETROFIT - KCD	Stormwater	Stormwater Quality (MS4)	\$	85,000
H20123	FY20 MS4 WATER QUALITY SONDES	Stormwater	Stormwater Quality (MS4)	\$	250,000
H20136	IOAP MAJOR MODIFICATION DEVELOPMENT ASSISTANCE	Wastewater	Consent Decree (IOAP)	\$	125,000
H20137	FY20 PMIS	Wastewater	CMOM	\$	400,000
H20144	CHURCHILL DOWNS EAST SIDE IMPROVEMENTS GI	Wastewater	Consent Decree (IOAP)	\$	1,200,000
H20145	MS4 THERMAL IMAGERY FLYOVER	Stormwater	Stormwater Quality (MS4)	\$	115,000
J16054	FY20 LOJIC HW UPGRADES & REPLACEMENTS	Support Systems	LOJIC	\$	100,000
J17037	FY20/21 AERIAL IMAGERY & MAP UPDATES	Support Systems	LOJIC	\$	250,000
J20022	FY20 LOJIC SURVEY CONTROL MAINTENANCE	Support Systems	LOJIC	\$	50,000
K15053	FY19 VEHICLES & EQUIP	Support Systems	Capital Equipment	\$	1,177,129
K16060	FY20 VEHICLES & EQUIPMENT	Support Systems	Capital Equipment	\$	2,000,000
K18264	FY20 FPS Equipment RR	Stormwater	Ohio River Flood Protection	\$	1,250,000
N16071	MAIN OFFICE DATA CENTER RECONFIGURATION	Support Systems	IT	\$	250,000
N18422	FY20 IS Network Switch Replacement	Support Systems	IT	\$	50,000
N18425	FY20 Wireless-Mobile Deployment	Support Systems	IT	\$	50,000
N18436	FY20 IT Server Upgrades	Support Systems	IT	\$	75,000
N19077	HANSEN MIGRATION TO INFOR CLOUD	Support Systems	IT	\$	400,000
N20014	FY20 Cable Management	Support Systems	IT	\$	200,000
N20015	FY20 Desktop Lifecycle	Support Systems	IT	\$	449,500
N20069	REFRESH DISASTER RECOVERY CENTER - RELOCATE TO NASHVILLE	Support Systems	IT	\$	1,405,700
N20078	MOBILE COMMUNICATIONS REPLACEMENT	Support Systems	IT	\$	250,000

Total \$ 205,000,000