

Northern Kentucky Water District
2020 5-Year Capital Budget
(2020-2024)

Pg. No.	PSC Ref No.	Water Quality Projects						Total Project Cost	Funding Source
			2019	2020	2021	2022	2023		
1	132	MPTP Reservoir Dam/ Raw Water Pipe Replacement			\$1,000,000			\$1,000,000	BAN 2021
2	166	FTTP Residuals Handling Improvements - Presses, Conveyors, Polymer		\$3,000,000				\$3,000,000	BAN 2020
3	202	Upgrade SCADA/Instrumentation/Security Equipment		\$300,000				\$300,000	BAN 2020
		Upgrade SCADA/Instrumentation/Security Equipment - SRF Loan 2016		\$2,700,000				\$2,700,000	SRF Loan 2016
4	238	Annual General Facility R&R - Plants, Tanks, Pump Stations 2017							
		MPTP Clearwell Rehabilitation & Painting	\$685,000					\$685,000	BAN 2017
		TMTP - PAC & UV Replacement, Div Valve Upgrades			\$605,000			\$605,000	BAN 2021
5	240	Plant Metering Upgrades		\$300,000				\$300,000	BAN 2020
6	176	LRPS Generator & Walkbridge Upgrade			\$4,100,000			\$4,100,000	BAN 2021
7	158	Dudley 1040 Pump Replacement (2 constant speed & 2 VFD)			\$750,000			\$750,000	BAN 2021
8	211	TM Pump Station Backup Generator		\$735,000				\$735,000	BAN 2020
		TM Pump Station Backup Generator - SRF Loan		\$4,065,000				\$4,065,000	SRF Loan 2020
9	227	New Tank in Taylor Mill			\$1,500,000			\$1,500,000	BAN 2021
10	229	New Tank and PS in Southern Campbell County (Burns Road Area)				\$800,000		\$800,000	BAN 2022
11	239	Annual General Facility R&R - Plants, Tanks, Pump Stations 2018			\$1,061,000			\$1,061,000	BAN 2021
12	243	FTTP Sedimentation Basin 1/4 and Chemical & Valve Improvements		\$1,315,000				\$1,315,000	BAN 2020
		FTTP Sedimentation Basin 1/4 and Chemical & Valve Improvements - SRF Loan		\$3,935,000				\$3,935,000	SRF Loan 2020
13	256	FTTP Residuals Handling Improvements - Lamella					\$3,500,000	\$3,500,000	BAN 2023
14	244	Annual General Facility R&R - Plants, Tanks, Pump Stations 2019			\$1,084,000			\$1,084,000	BAN 2021
15	245	MPTP Residuals Handling Improvements			\$4,600,000			\$4,600,000	BAN 2021
16	255	Annual General Facility R&R - Plants, Tanks, Pump Stations 2020			\$510,000			\$510,000	BAN 2021
17	250	Replace Ida Spence Tank				\$2,300,000		\$2,300,000	BAN 2022
18	257	TMTP Chemical Building Improvements			\$1,380,000			\$1,380,000	BAN 2021
19	258	Annual General Facility R&R - Plants, Tanks, Pump Stations 2021			\$1,138,000			\$1,138,000	BAN 2021
20	263	Annual General Facility R&R - Plants, Tanks, Pump Stations 2022				\$1,163,000		\$1,163,000	BAN 2022
21	268	TMPS - Redundant 876 Pump Station					\$4,000,000	\$4,000,000	BAN 2023
22	269	Annual General Facility R&R - Plants, Tanks, Pump Stations 2023				\$1,190,000		\$1,190,000	BAN 2023
23	272	Dudley 1080 Pump Station Improvements					\$3,600,000	\$3,600,000	BAN 2024
24	273	FTTP Chemical Feed Systems Upgrades					\$2,295,000	\$2,295,000	BAN 2024
25	274	Annual General Facility R&R - Plants, Tanks, Pump Stations 2024					\$1,218,000	\$1,218,000	BAN 2024
Sub-Total Water Quality			\$685,000	\$16,350,000	\$17,728,000	\$4,263,000	\$8,690,000	\$7,113,000	\$54,144,000
Needed Funding for each Year			\$0	\$5,650,000	\$17,728,000	\$4,263,000	\$8,690,000	\$7,113,000	\$43,444,000
Funded Project through Loans			\$0	\$10,700,000					
Funded Projects (in previous Rate Cases)			\$685,000						

Pg. No.	PSC Ref No.	Distribution\Central Facility Projects\Meters						Total Project Cost	Funding Source
			2019	2020	2021	2022	2023		
26	262	Central Facility Back-Up Generator (new project)	\$400,000					\$400,000	BAN 2011
27	114	Interconnect 1080/1017 12" (Pond Creek - KY 177)				\$1,200,000		\$1,200,000	BAN 2022
28	249	KY 9 - 12" Water Main Upgrade with KDOT Project			\$450,000			\$450,000	BAN 2021
29	225	New KY 16 interconnect project between upgraded KDOT 16"			\$950,000			\$950,000	BAN 2021
30	100	Stonehouse Road (old Twelve Mile Rd.) KY 10 to KY 1566				\$1,120,000		\$1,120,000	BAN 2022
31	121	Independence Road, Ky. 17 to Existing 12"				\$119,000		\$119,000	BAN 2022
32	220	Horsebranch Road 24" from 36" to Thomas More Parkway			\$800,000			\$800,000	BAN 2021
33	222	2017 Water Main Replacement Program	\$5,000,000					\$5,000,000	BAN 2017
34	259	SR 17 from Hands Pike to Apple Drive				\$7,500,000		\$7,500,000	BAN 2022
35	251	Southern Kenton County Improvements (new)			\$1,000,000			\$1,000,000	BAN 2021
36	51	Vineyard (Gunkel Rd) (Upper Nine Mile to Fender Rd)			\$786,000			\$786,000	BAN 2021
37	122	Burns Road, Persimmon Grove to Flatwoods			\$1,554,000			\$1,554,000	BAN 2021
38	144	Hands Pike from Ky 16 to Edwin Drive			\$608,000			\$608,000	BAN 2021
39	235	2018 Water Main Replacement Program	\$4,192,792					\$4,192,792	BAN 2017
40	246	2019 Water Main Replacement Program		\$6,700,000				\$6,700,000	BAN 2020
		2019 Water Main Replacement Program - SRF Loan 2016		\$1,000,000				\$1,000,000	SRF Loan 2016
41	180	US 27 24" Sunset to Martha Layne Collins					\$1,300,000	\$1,300,000	BAN 2023
42	252	Mains into Unserved Areas 2020			\$250,000			\$250,000	BAN 2021
43	253	2020 Water Main Replacement Program		\$6,950,000				\$6,950,000	BAN 2020
44	260	Mains into Unserved Areas 2021			\$2,250,000			\$2,250,000	BAN 2021

Northern Kentucky Water District
2020 5-Year Capital Budget
(2020-2024)

Pg. No.	PSC Ref No.	Water Quality Projects						Total Project Cost	Funding Source	
			2019	2020	2021	2022	2023			2024
45	261	2021 Water Main Replacement Program			\$6,950,000				\$6,950,000	BAN 2021
46	264	Mains into Unserved Areas 2022				\$250,000			\$250,000	BAN 2022
47	265	2022 Water Main Replacement Program				\$7,500,000			\$7,500,000	BAN 2022
48	266	20" MPTP Discharge Water Main Replacement				\$16,000,000			\$16,000,000	BAN 2022
49	267	Automated Meter System			\$5,500,000	\$5,500,000			\$11,000,000	BAN 2021/2022
50	270	2023 Water Main Replacement Program					\$8,000,000		\$8,000,000	BAN 2023
51	271	Mains into Unserved Areas 2023					\$2,250,000		\$2,250,000	BAN 2023
52	275	2024 Water Main Replacement Program						\$9,000,000	\$9,000,000	BAN 2024
53	276	Mains into Unserved Areas 2024						\$250,000	\$250,000	BAN 2024
Sub-total Distribution			\$9,592,792	\$14,650,000	\$21,098,000	\$39,189,000	\$11,550,000	\$9,250,000	\$95,737,000	
Needed Funding for each Year			\$0	\$13,650,000	\$21,098,000	\$39,189,000	\$11,550,000	\$9,250,000	\$94,737,000	
Funded Project through Loans			\$0	\$1,000,000						
Funded Projects (in previous Rate Cases)			\$9,592,792							
Total for Year 2019 - 2024 Capital Budget			\$10,277,792	\$31,000,000	\$38,826,000	\$43,452,000	\$20,240,000	\$16,363,000	\$149,881,000	
Total Needed Funding for each Year (not in a Rate Case)			\$0	\$19,300,000	\$38,826,000	\$43,452,000	\$20,240,000	\$16,363,000	\$138,181,000	
Funded Projects (in previous Rate Cases)			\$10,277,792							
Funded Project through Loans				\$11,700,000						
BAN 2020			\$19,300,000							