

Northern Kentucky Water District
2021 5-Year Capital Budget
(2021-2025)

Pg. No.	PSC Ref No.	Water Quality Projects						Total Project Cost	Funding Source
			2021	2022	2023	2024	2025		
1	132	MPTP Reservoir Dam/ Raw Water Pipe Replacement		\$1,000,000				\$1,000,000	BAN 2022
2	166	FTTP Residuals Handling Improvements - Presses, Conveyors, Polymer	\$2,725,000					\$2,725,000	BAN 2020
3	202	Upgrade SCADA/Instrumentation/Security Equipment	\$750,000					\$750,000	BAN 2020
		Upgrade SCADA/Instrumentation/Security Equipment - SRF Loan 2016	\$2,250,000					\$2,250,000	SRF Loan 2016
4	238	Annual General Facility R&R - Plants, Tanks, Pump Stations 2017							
		TMTP - PAC & UV Replacement, Diversion 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 2023
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 2020	\$4,065,000					\$4,065,000	SRF Loan 2020
9	227	New Tank in Taylor Mill		\$1,500,000				\$1,500,000	BAN 2022
10	229	New Tank and PS in Southern Campbell County (Burns Road Area)	\$800,000.00					\$800,000	BAN 2021
11	239	Annual General Facility R&R - Plants, Tanks, Pump Stations 2018	\$1,061,000.00					\$1,061,000	BAN 2021
12	243	FTTP Sedimentation Basins and Chemical Improvements	\$1,315,000.00					\$1,315,000	BAN 2020
		FTTP Sedimentation Basins and Chemical Improvements - SRF Loan 2020	\$3,935,000.00					\$3,935,000	SRF Loan 2020
13	256	FTTP Residuals Handling Improvements - Lamella		\$3,500,000				\$3,500,000	BAN 2022
14	244	Annual General Facility R&R - Plants, Tanks, Pump Stations 2019	\$1,100,000.00					\$1,100,000	BAN 2021
15	245	MPTP Residuals Handling Improvements		\$4,600,000				\$4,600,000	BAN 2022
16	255	Annual General Facility R&R - Plants, Tanks, Pump Stations 2020	\$510,000.00					\$510,000	BAN 2021
17	250	Replace Ida Spence Tank			\$2,300,000			\$2,300,000	BAN 2023
18	257	TMTP Chemical Building Improvements		\$1,380,000				\$1,380,000	BAN 2022
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 2025
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 2025
25	274	Annual General Facility R&R - Plants, Tanks, Pump Stations 2024				\$1,218,000		\$1,218,000	BAN 2024
26	277	Annual General Facility R&R - Plants, Tanks, Pump Stations 2025					\$1,246,000	\$1,246,000	BAN 2025
Sub-Total Water Quality			\$22,039,000	\$13,143,000	\$7,590,000	\$4,818,000	\$7,541,000	\$55,131,000	
Needed Funding for each Year			\$11,789,000	\$13,143,000	\$7,590,000	\$4,818,000	\$7,541,000	\$44,881,000	
Funded Project through Loans			\$10,250,000						
Funded Projects (in previous Rate Cases)			\$0						

Pg. No.	PSC Ref No.	Distribution/Central Facility Projects/Meters						Total Project Cost	Funding Source
			2021	2022	2023	2024	2025		
27	114	Interconnect 1080/1017 12" (Pond Creek - KY 177)			\$1,200,000			\$1,200,000	BAN 2023
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 2022
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 2022
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			\$8,000,000			\$8,000,000	BAN 2023
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 2022
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	253	2020 Water Main Replacement Program	\$500,000					\$500,000	BAN 2020
43	260	Mains into Unserved Areas 2021	\$250,000					\$250,000	BAN 2021
44	261	2021 Water Main Replacement Program	\$6,950,000					\$6,950,000	BAN 2021
45	264	Mains into Unserved Areas 2022		\$2,250,000				\$2,250,000	BAN 2022

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			2021	2022	2023	2024	2025		
46	265	2022 Water Main Replacement Program		\$7,500,000				\$7,500,000	BAN 2022
47	266	20" MPTP Discharge Water Main Replacement				\$8,000,000	\$8,000,000	\$16,000,000	BAN 2024/2025
48	267	Automated Meter System - SRF Loan 2021	\$8,000,000					\$8,000,000	SRF Loan 2021
		Automated Meter System	\$3,000,000					\$3,000,000	BAN 2020
49	270	2023 Water Main Replacement Program			\$8,000,000			\$8,000,000	BAN 2023
50	271	Mains into Unserved Areas 2023			\$250,000			\$250,000	BAN 2023
51	275	2024 Water Main Replacement Program				\$9,000,000		\$9,000,000	BAN 2024
52	276	Mains into Unserved Areas 2024				\$2,250,000		\$2,250,000	BAN 2024
53	278	Replace Richardson Road Pump Station				\$2,000,000		\$2,000,000	BAN 2024
54	279	2025 Water Main Replacement Program					\$9,000,000	\$9,000,000	BAN 2025
55	280	Mains into Unserved Areas 2025					\$250,000	\$250,000	BAN 2025
Sub-total Distribution			\$39,204,792	\$13,525,000	\$18,750,000	\$21,250,000	\$17,250,000	\$109,979,792	
Needed Funding for each Year			\$21,012,000	\$13,525,000	\$18,750,000	\$21,250,000	\$17,250,000	\$91,787,000	
Funded Project through Loans			\$9,000,000						
Funded Projects (in previous Rate Cases)			\$9,192,792						
Total for Year 2021 - 2025 Capital Budget			\$61,243,792	\$26,668,000	\$26,340,000	\$26,068,000	\$24,791,000	\$165,110,792	
Total Needed Funding for each Year (not in a Rate Case)			\$32,801,000	\$26,668,000	\$26,340,000	\$26,068,000	\$24,791,000	\$136,668,000	
Funded Projects (in previous Rate Cases)			\$9,192,792						
Funded Project through Loans			\$19,250,000						
BAN 2020			\$16,025,000						
BAN 2021			\$16,776,000						