

Northern Kentucky Water District
2024 5-Year Capital Budget
(2024-2028)

Pg. No.	PSC Ref No.	Water Quality Projects						Total Project Cost	Funding Source
			2024	2025	2026	2027	2028		
1	132	MPTP Reservoir Dam/ Raw Water Pipe Replacement	\$300,000					\$300,000	BAN 2024
		MPTP Reservoir Dam/ Raw Water Pipe Replacement - Seeking Grant	\$700,000					\$700,000	Grant
2	202	Upgrade SCADA/Instrumentation/Security Equipment	\$710,000					\$710,000	BAN 2021
		Upgrade SCADA/Instrumentation/Security Equipment - SRF Loan 2016	\$2,700,000					\$2,700,000	SRF Loan 2016
3	238	TMTP - PAC & UV Replacement	\$3,275,000					\$3,275,000	BAN 2024
4	240	Plant Metering Upgrades	\$300,000					\$300,000	BAN 2021
5	176	LRPS Generator & Walkbridge Upgrade - Seeking Grant		\$4,100,000				\$4,100,000	Grant
6	158	Dudley 1040 Pump Replacement (2 constant speed pumps)			\$750,000			\$750,000	BAN 2026
		TM Pump Station Backup Generator	\$1,535,000					\$1,535,000	BAN 2024
		TM Pump Station Backup Generator (SB36 Grant)	\$1,000,000					\$1,000,000	KIA Grant 2022
		TM Pump Station Backup Generator - SRF Loan 2020	\$4,065,000					\$4,065,000	SRF Loan 2020
8	227	New Tank in Taylor Mill	\$5,000,000					\$5,000,000	BAN 2024
9	229	Pump Station in Southern Campbell County		\$700,000				\$700,000	BAN 2025
10	239	ORPS 1 Pump Control Valve Replacement	\$1,100,000					\$1,100,000	BAN 2024
11	256	FTTP Residuals Handling Improvements - Lamella				\$3,500,000		\$3,500,000	BAN 2027
12	244	MPTP Actiflo Upgrades	\$1,635,000					\$1,635,000	BAN 2024
13	245	MPTP Residuals Handling Improvements	\$600,000	\$7,400,000				\$8,000,000	BAN 2024/2025
14	257	TMTP Chemical Building Improvements (coagulant, hypo, HF, misc.)				\$1,380,000		\$1,380,000	BAN 2027
15	258	FTTP Old Clearwell Baffle Replacement	\$200,000	\$1,800,000				\$2,000,000	BAN 2024/2025
16	263	FTTP Filter Valves & Actuator Replacement	\$887,000					\$887,000	BAN 2024
17	268	TMPS - Redundant 876 Pump Station		\$2,000,000	\$14,000,000			\$16,000,000	BAN 2025/2026
18	274	ORPS 1 Motor Starter Replacement Nos. 1,2,3, & 6	\$450,000	\$846,000				\$1,296,000	BAN 2024/2025
19	281	Expand MPTP to 20 MGD				\$12,000,000		\$12,000,000	BAN 2027
20	282	Waterworks Road Pump Station Generator - Seeking Grant				\$4,000,000		\$4,000,000	Grant
21	136	TMTP Advanced Treatment (GAC)		\$15,000,000	\$15,000,000			\$30,000,000	BAN 2025/2026
22	289	TMTP Pump #3 Replacement		\$1,000,000				\$1,000,000	BAN 2025
23	288	ORPS 2 Electrical Improvements	\$500,000	\$3,000,000				\$3,500,000	BAN 2024/2025
24	298	FTTP Electrical Improvements		\$6,500,000				\$6,500,000	BAN 2025
25	299	TMTP Filter & Valve Improvements					\$9,000,000	\$9,000,000	BAN 2028
26	300	FTTP Structural Improvements					\$5,000,000	\$5,000,000	BAN 2028
27	301	FTTP Solids Building Improvements					\$3,750,000	\$3,750,000	BAN 2028
28	302	MPTP Raw and Finished Water Valves and Actuators				\$595,000		\$595,000	BAN 2027
29	303	Dudley Tank Site 876 Side Isolation Valves				\$715,000		\$715,000	BAN 2027
30	304	FTTP Raw Water Valve Repair / Replacement		\$400,000				\$400,000	BAN 2025
31	305	Newport 741 to Covington 763 Pump Station					\$11,000,000	\$11,000,000	BAN 2028
		Sub-Total Water Quality	\$24,957,000	\$42,746,000	\$29,750,000	\$22,190,000	\$28,750,000	\$148,393,000	
		Needed Funding for each Year	\$15,482,000	\$38,646,000	\$29,750,000	\$18,190,000	\$28,750,000	\$130,818,000	
		Funded Project through Loans	\$6,765,000	\$0	\$0	\$0	\$0	\$6,765,000	
		Funded Project through Grants	\$1,700,000	\$4,100,000	\$0	\$4,000,000	\$0	\$9,800,000	
		Funded Projects (in previous Rate Cases)	\$1,010,000	\$0	\$0	\$0	\$0	\$1,010,000	
		Funded Project through IR&R	\$0	\$0	\$0	\$0	\$0	\$0	

Pg. No.	PSC Ref No.	Distribution/Central Facility Projects/Meters						Total Project Cost	Funding Source
			2024	2025	2026	2027	2028		
32	114	Interconnect 1080/1017 12" (Pond Creek - KY 177)		\$1,200,000				\$1,200,000	BAN 2025
33	225	New KY 16 interconnect project between upgraded KDOT 16"		\$1,400,000				\$1,400,000	BAN 2025
34	100	Stonehouse Road (old Twelve Mile Rd.) KY 10 to KY 1566		\$1,450,000				\$1,450,000	BAN 2025
35	121	Independence Road, Ky. 17 to Existing 12"		\$119,000				\$119,000	BAN 2025
36	220	Horsebranch Road 24" from 36" to Thomas More Parkway		\$1,200,000				\$1,200,000	BAN 2025
37	259	SR 17 from Hands Pike to Apple Drive			\$7,500,000	\$7,500,000		\$15,000,000	BAN 2026/2027
38	251	Southern Kenton County Improvements		\$1,000,000				\$1,000,000	BAN 2025
39	51	Vineyard (Gunkel Rd) (Upper Nine Mile to Fender Rd)		\$1,325,000				\$1,325,000	BAN 2025
40	122	Burns Road, Persimmon Grove to Flatwoods		\$1,554,000				\$1,554,000	BAN 2025
41	144	Hands Pike from Ky 16 to Edwin Drive		\$608,000				\$608,000	BAN 2025
42	180	US 27 24" Sunset to Martha Layne Collins			\$1,900,000			\$1,900,000	BAN 2026

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43	253	2020 Water Main Replacement Program	\$500,000					\$500,000	BAN 2024
44	261	2021 Water Main Replacement Program	\$2,000,000					\$2,000,000	BAN 2024
45	265	2022 Water Main Replacement Program	\$5,000,000					\$5,000,000	BAN 2024
46	266	20" MPTP Discharge Water Main Replacement			\$8,000,000	\$8,000,000		\$16,000,000	BAN 2026/2027
47	267	Automated Meter System	\$11,000,000					\$11,000,000	BAN 2021
48	270	2023 Water Main Replacement Program	\$8,000,000					\$8,000,000	BAN 2024
49	275	2024 Water Main Replacement Program	\$4,000,000					\$4,000,000	BAN 2024
		2024 Water Main Replacement Program	\$3,000,000					\$3,000,000	IR&R
50	278	Replace Richardson Road Pump Station			\$3,500,000			\$3,500,000	BAN 2026
51	279	2025 Water Main Replacement Program		\$9,000,000				\$9,000,000	BAN 2025
52	280	Mains into Unserved Areas 2025		\$2,250,000				\$2,250,000	BAN 2025
53	285	Newport Water Main Replacement	\$5,596,128					\$5,596,128	BAN 2024
		Newport Water Main Replacement - SRF Loan 2023	\$4,000,000					\$4,000,000	SRF Loan 2023
		Newport Water Main Replacement - (SB36 Grant & HB1 Grant)	\$3,403,872					\$3,403,872	KIA Grants
54	286	2026 Water Main Replacement Program			\$9,250,000			\$9,250,000	BAN 2026
55	287	Mains into Unserved Areas 2026			\$250,000			\$250,000	BAN 2026
56	290	Campbell County Sub-District HB	\$1,641,000					\$1,641,000	BAN 2024
		Campbell County Sub-District HB (SB36 Grant & HB1 Grant)	\$4,189,405					\$4,189,405	KIA Grants
57	291	Kenton County Sub-District O	\$2,295,040					\$2,295,040	BAN 2024
		Kenton County Sub-District O (SB36 Grant & Kenton Co. funds)	\$2,400,000					\$2,400,000	KIA/County Grant
58	293	Mooch Road 36-inch Redundancy Water Main - 42" to the River Crossing	\$500,000	\$6,000,000				\$6,500,000	BAN 2024/2025
59	294	2027 Water Main Replacement Program				\$9,500,000		\$9,500,000	BAN 2027
60	295	Mains into Unserved Areas 2027				\$2,250,000		\$2,250,000	BAN 2027
61	296	20" to Connect 11th Street in Newport to 12th Street in Covington					\$6,000,000	\$6,000,000	BAN 2028
62	297	12" Parallel Main Between Vulcan and Lytle					\$2,500,000	\$2,500,000	BAN 2028
63	306	Gloria Terrell Water Main Extension	\$350,000					\$350,000	KIA Grant
64	307	2028 Water Main Replacement Program					\$10,000,000	\$10,000,000	BAN 2028
65	308	Mains into Unserved Areas 2028					\$250,000	\$250,000	BAN 2028
66	309	20" from Banklick to South of Walton				\$8,000,000	\$8,000,000	\$16,000,000	BAN 2027/2028
Sub-total Distribution			\$57,875,445	\$27,106,000	\$30,400,000	\$35,250,000	\$26,750,000	\$177,381,445	
Needed Funding for each Year			\$29,532,168	\$27,106,000	\$30,400,000	\$35,250,000	\$26,750,000	\$149,038,168	
Funded Project through Loans			\$4,000,000	\$0	\$0	\$0	\$0	\$4,000,000	
Funded Project through Grants			\$10,343,277	\$0	\$0	\$0	\$0	\$10,343,277	
Funded Projects (in previous Rate Cases)			\$11,000,000	\$0	\$0	\$0	\$0	\$11,000,000	
Funded Project through IR&R			\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000	
Total for Year 2024 - 2028 Capital Budget			\$82,832,445	\$69,852,000	\$60,150,000	\$57,440,000	\$55,500,000	\$325,774,445	
Total Needed Funding for each Year (not in a Rate Case)			\$45,014,168	\$65,752,000	\$60,150,000	\$53,440,000	\$55,500,000	\$279,856,168	
Funded Project through Loans			\$10,765,000	\$0	\$0	\$0	\$0	\$10,765,000	
Funded Project through Grants			\$12,043,277	\$4,100,000	\$0	\$4,000,000	\$0	\$20,143,277	
Funded Projects (in previous Rate Cases)			\$12,010,000	\$0	\$0	\$0	\$0	\$12,010,000	
Funded Project through IR&R			\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000	
BAN 2024			\$45,014,168						