

Northern Kentucky Water District
2019 5-Year Capital Budget
(2019-2023)

Pg. No.	PSC Ref No.	Water Quality Projects	Budget Year					Total Project Cost	Funding Source
			2018	2019	2020	2021	2022		
1	185	FTTP Laboratory Generator	\$237,000					\$237,000	BAN 2011
2	132	MPTP Reservoir Dam/ Raw Water Pipe Replacement		\$1,000,000				\$1,000,000	BAN 2019
3	186	TMTP Sludge Conveyors & Press	\$1,075,000					\$1,075,000	BAN 2017
4	242	ORPS2 Rehabilitation	\$1,694,299					\$1,694,299	BAN 2017
5	166	FTTP Residuals Handling Improvements - Presses, Conveyors, Polymer		\$3,000,000				\$3,000,000	BAN 2019
6	202	Upgrade SCADA/Instrumentation/Security Equipment		\$300,000				\$300,000	BAN 2019
		Upgrade SCADA/Instrumentation/Security Equipment - SRF Loan 2016		\$2,700,000				\$2,700,000	SRF Loan 2016
7	238	Annual General Facility R&R - Plants, Tanks, Pump Stations 2017	\$428,000					\$428,000	BAN 2017
		Annual General Facility R&R - Plants, Tanks, Pump Stations 2017 - Future BAN 2019		\$610,000				\$610,000	BAN 2019
8	240	Plant Metering Upgrades		\$300,000				\$300,000	BAN 2019
9	176	LRPS Generator & Walkbridge Upgrade			\$4,100,000			\$4,100,000	BAN 2020
10	158	Dudley 1040 Pump Replacement (2 constant speed & 2 VFD)		\$750,000				\$750,000	BAN 2019
11	211	TM Pump Station Backup Generator		\$4,800,000				\$4,800,000	BAN 2019
12	227	New Tank in Taylor Mill		\$1,500,000				\$1,500,000	BAN 2019
13	229	New Tank and PS in Southern Campbell County (Burns Road Area)			\$800,000			\$800,000	BAN 2020
14	239	Annual General Facility R&R - Plants, Tanks, Pump Stations 2018		\$1,061,000				\$1,061,000	BAN 2019
15	243	FTTP Sedimentation Basin 1/4 and Chemical & Valve Improvements		\$4,650,000				\$4,650,000	BAN 2019
16	256	FTTP Residuals Handling Improvements - Lamella					\$3,500,000	\$3,500,000	BAN 2023
17	244	Annual General Facility R&R - Plants, Tanks, Pump Stations 2019		\$1,100,000				\$1,100,000	BAN 2019
18	245	MPTP Residuals Handling Improvements			\$4,600,000			\$4,600,000	BAN 2020
19	255	Annual General Facility R&R - Plants, Tanks, Pump Stations 2020			\$1,110,000			\$1,110,000	BAN 2020
20	250	Replace Ida Spence Tank			\$2,300,000			\$2,300,000	BAN 2020
21	257	TMTP Chemical Building Improvements				\$1,380,000		\$1,380,000	BAN 2021
22	258	Annual General Facility R&R - Plants, Tanks, Pump Stations 2021				\$1,138,000		\$1,138,000	BAN 2021
23	263	Annual General Facility R&R - Plants, Tanks, Pump Stations 2022					\$1,163,000	\$1,163,000	BAN 2022
24	268	TMPS - Redundant 876 Pump Station					\$4,000,000	\$4,000,000	BAN 2023
25	269	Annual General Facility R&R - Plants, Tanks, Pump Stations 2023					\$1,190,000	\$1,190,000	BAN 2023
Sub-Total Water Quality			\$3,434,299	\$21,771,000	\$12,910,000	\$2,518,000	\$1,163,000	\$8,690,000	\$47,952,000
Needed Funding for each Year			\$3,197,299	\$19,071,000	\$12,910,000	\$2,518,000	\$1,163,000	\$8,690,000	\$44,352,000
Funded Project through Loans			\$0	\$2,700,000					
Funded Projects (in previous Rate Cases)			\$237,000						

Pg. No.	PSC Ref No.	Distribution\Central Facility Projects	Budget Year					Total Project Cost	Funding Source
			2018	2019	2020	2021	2022		
26	150	Mains into Unserved Areas 2012 - Sub-District M - Kenton County, RD Loan	\$1,733,000					\$1,733,000	RD Loan
		Mains into Unserved Areas 2009 - Sub-District M	\$250,000					\$250,000	BAN 2009
		Mains into Unserved Areas 2012 - Sub-M - K.C. RD Grant	\$600,000					\$600,000	RD Grant
		Mains into Unserved Areas 2012 - Sub-M - K.C. CDBG Grant	\$1,000,000					\$1,000,000	CDBG Grant
27	262	Central Facility Back-Up Generator (new project)	\$400,000					\$400,000	BAN 2011
28	114	Interconnect 1080/1017 12" (Pond Creek - KY 177)				\$1,200,000		\$1,200,000	BAN 2021
29	249	KY 9 - 12" Water Main Upgrade with KDOT Project - New project		\$450,000				\$450,000	BAN 2019
30	178	Madison Pike from Dudley Pike to Rolling Hills Drive (Phase 2)	\$1,350,000					\$1,350,000	BAN 2017
31	233	2016 Water Main Replacement Program	\$1,570,985					\$1,570,985	BAN 2017
32	217	2016 Coordinated Roadway Imp./Water Main Replacement	\$2,288,924					\$2,288,924	BAN 2017
33	225	New KY 16 interconnect project between upgraded KDOT 16"		\$950,000				\$950,000	BAN 2019
34	100	Stonehouse Road (old Twelve Mile Rd.) KY 10 to KY 1566			\$1,120,000			\$1,120,000	BAN 2020
35	121	Independence Road, Ky. 17 to Existing 12"				\$119,000		\$119,000	BAN 2021
36	220	Horsebranch Road 24" from 36" to Thomas More Parkway			\$800,000			\$800,000	BAN 2020
37	222	2017 Water Main Replacement Program	\$5,000,000					\$5,000,000	BAN 2017
38	259	SR 17 from Hands Pike to Apple Drive				\$7,500,000		\$7,500,000	BAN 2021
39	251	Southern Kenton County Improvements (new)		\$1,000,000				\$1,000,000	BAN 2019
40	51	Vineyard (Gunkel Rd) (Upper Nine Mile to Fender Rd)				\$786,000		\$786,000	BAN 2021
41	122	Burns Road, Persimmon Grove to Flatwoods				\$1,554,000		\$1,554,000	BAN 2021
42	144	Hands Pike from Ky 16 to Edwin Drive			\$350,000			\$350,000	BAN 2020
43	235	2018 Water Main Replacement Program	\$4,192,792					\$4,192,792	BAN 2017
44	246	2019 Water Main Replacement Program		\$6,700,000				\$6,700,000	BAN 2019
		2019 Water Main Replacement Program - SRF Loan 2016		\$1,000,000				\$1,000,000	SRF Loan 2016
45	247	Mains into Unserved Areas 2019		\$250,000				\$250,000	BAN 2019
46	180	US 27 24" Sunset to Martha Layne Collins					\$1,300,000	\$1,300,000	BAN 2023
47	252	Mains into Unserved Areas 2020			\$2,250,000			\$2,250,000	BAN 2020
48	253	2020 Water Main Replacement Program			\$6,950,000			\$6,950,000	BAN 2020

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			2018	2019	2020	2021	2022		
49	260	Mains into Unserved Areas 2021				\$250,000		\$250,000	BAN 2021
50	261	2021 Water Main Replacement Program				\$6,950,000		\$6,950,000	BAN 2021
51	264	Mains into Unserved Areas 2022					\$2,250,000	\$2,250,000	BAN 2022
52	265	2022 Water Main Replacement Program					\$7,500,000	\$7,500,000	BAN 2022
53	266	20" MPTP Discharge Water Main Replacement					\$16,000,000	\$16,000,000	BAN 2022
54	267	Automated Meter System			\$5,500,000	\$5,500,000		\$11,000,000	BAN 2020/2021
55	270	2023 Water Main Replacement Program					\$8,000,000	\$8,000,000	BAN 2023
56	271	Mains into Unserved Areas 2023					\$250,000	\$250,000	BAN 2023
Sub-total Distribution			\$18,385,701	\$10,350,000	\$16,970,000	\$23,859,000	\$25,750,000	\$9,550,000	\$86,479,000
Needed Funding for each Year			\$14,402,701	\$9,350,000	\$16,970,000	\$23,859,000	\$25,750,000	\$9,550,000	\$85,479,000
Funded Project through Loans			\$1,733,000	\$1,000,000					
Funded Projects (in previous Rate Cases)			\$2,250,000						
Total for Year 2018 - 2023 Capital Budget			\$21,820,000	\$32,121,000	\$29,880,000	\$26,377,000	\$26,913,000	\$18,240,000	\$133,531,000
Total Needed Funding for each Year (not in a Rate Case)				\$28,421,000	\$29,880,000	\$26,377,000	\$26,913,000	\$18,240,000	\$129,831,000
Total Needed Funding for 2018 Rate Case (BAN 2017)			\$17,600,000						
Funded Projects (in previous Rate Cases)			\$2,487,000						
Funded Project through Loans			\$1,733,000	\$3,700,000					
2018 Rate Case Projects Totals									
			BAN 2017	\$17,600,000					
			SRF Loan B, RD Loan, 2 - SRF Loans	\$10,141,273					
			2018 Rate Case Projects Totals	\$27,741,273					