

LEWES BOARD OF PUBLIC WORKS
2019/20 THROUGH 2023/24 CAPITAL IMPROVEMENT BUDGET
As of February 2019

DESCRIPTION	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24	TOTAL
WATER						
Lead Service Line Replacement	\$50,000	\$51,000	\$52,000	\$53,000	\$54,000	\$260,000
Pilottown Road Main Abandonment QA to New (LEAD)	\$850,000					\$850,000
Pilottown Road Main Abandonment New to U of D (LEAD)	\$180,000	\$750,000				\$930,000
Cedar- YC to CBH (LEAD)		\$200,000	\$1,200,000			\$1,400,000
Cedar- CBH to Savannah (LEAD)			\$1,000,000	\$1,300,000		\$1,500,000
Kings Highway Savannah to Bike Path (LEAD)				\$180,000	\$950,000	\$1,130,000
3rd Street and Burton New Main (LEAD)				\$25,000	\$250,000	\$275,000
Johnson Street Main Renewal			\$50,000			\$650,000
Expansion to CPCN	\$90,000	\$110,000	\$115,000	\$120,000	\$125,000	\$560,000
Kings Highway and Devries Path to Savannah			\$300,000			\$300,000
School Lane Renewal				\$270,000		\$270,000
New Road to Rodney Loop					\$550,000	\$550,000
Water Main Replacement/Renewal	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
Hydrant Replacement	\$12,155	\$12,763	\$13,401	\$14,071	\$14,774	\$67,164
Vehicle	\$50,000				\$60,000	\$110,000
Valve Replacement	\$120,950	\$133,298	\$139,962	\$146,960		\$547,170
Total	\$1,509,105	\$1,407,060	\$2,820,363	\$2,259,031	\$2,153,774	\$10,149,334
WATER PRODUCTION						
Hydrology Reports(Current well/New Source)	\$75,000					\$75,000
Well Development	\$300,000	\$250,000				\$550,000
1 MG Water Tank			\$850,000			\$850,000
Increased Monitoring		\$15,000	\$15,000	\$15,000	\$15,000	\$60,000
Well Maintenance	\$27,000	\$28,000	\$29,000	\$30,000	\$31,000	\$145,000
Tank and Site Beautification	\$20,000					\$20,000
Security Fence		\$95,000				\$95,000
Total	\$422,000	\$388,000	\$894,000	\$45,000	\$46,000	\$1,795,000

SEWER							
Vehicle	\$50,000				\$50,000		\$110,000
Sewer Main Replacement/Renewal	\$450,000	\$420,000	\$420,000	\$420,000	\$420,000		\$2,130,000
Sewer Lift Station Renewal	\$147,000	\$50,000	\$53,000	\$56,000	\$59,000		\$365,000
Sewer Main Grouting/Lining	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000		\$300,000
Devries Circle	\$35,000	\$380,000					\$415,000
Manhole Replacement/Rehab	\$48,620	\$48,620	\$51,051	\$53,004	56284		\$258,180
Savannah Road- Donovans to Meter Station		\$45,000	\$350,000				\$395,000
Nutrient Trade	\$21,000	\$22,050	\$23,153	\$24,310	\$25,526		\$116,038
Total	\$811,620	\$1,025,670	\$957,204	\$613,914	\$680,810		\$4,089,218

WWTP							
Replace MCC/Upgrade Drives and PLC in Headworks	\$150,000						\$150,000
Drying Bed Cover	\$80,000						\$80,000
Drying Bed Expansion	\$115,000						\$115,000
Train Wall Polyuria				\$20,000			\$20,000
Filter Press					\$225,000		\$225,000
Micro Filter Zenon Replacement	\$25,000	\$990,000	\$500,000				\$1,515,000
PDP Effluent Pumps-Recondition	\$35,000	\$36,750	\$38,588	\$40,517	\$42,543		\$193,397
Outfall Pipe Repair	\$290,000						\$290,000
Total	\$695,000	\$1,026,750	\$538,588	\$60,517	\$267,543		\$2,588,397

STORMWATER							
MS4			\$200,000	\$300,000	\$80,000		\$580,000
Fragmites Control	\$3,000	\$3,000	\$3,200	\$3,200	\$3,400		\$15,800
Storm Water Master Plan Action	\$60,000	\$60,000	\$50,000	\$40,000	\$40,000		\$250,000
Catch Basin Renewal	\$30,388	\$31,907	\$33,503	\$35,178	\$36,937		\$167,913
Pipe Replacement	\$25,200	\$26,460	\$27,783	\$29,172	\$30,631		\$139,246
Outfall One-way Valves			\$15,750	\$16,538	\$17,364		\$49,652
Total	\$118,588	\$118,367	\$330,236	\$424,088	\$208,332		\$1,202,611

ELECTRIC							
Electric System Study	\$170,000						\$170,000
Bucket truck	\$180,000					220,000	\$400,000
Savannah Bridge Aerial Crossing Renewal					\$270,000		\$270,000
Vehicle	\$12,000					\$32,000	\$44,000
Building Improvements/Schley	\$35,000	\$45,000	\$45,000				\$125,000
U.G. Cape Shores				\$250,000			\$250,000
U. G. Bay Breeze		\$240,000					\$240,000
U.G. Pilottown Village						\$280,000	\$280,000
Schley Ave. Generator Relocate				\$50,000			\$50,000
Renewables Behind the Meter	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$300,000
Solar Field	\$280,000	\$1,340,000					\$1,620,000
Total	\$737,000	\$1,685,000	\$105,000	\$330,000	\$592,000		\$3,749,000
SUPPORT							
Computer Replacement	\$25,000	\$25,000	\$27,000	\$28,000	\$29,000		\$135,000
SAP Replacement	\$250,000	\$70,000	\$70,000				\$390,000
Electric Vehicle		\$35,000		\$35,000			\$70,000
Emergency Employee backup	\$93,800						\$93,800
GIS Mapping System	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
Total	\$398,800	\$161,000	\$127,000	\$93,000	\$59,000		\$838,800
GRAND TOTAL	\$4,692,112	\$5,811,848	\$6,072,390	\$3,825,550	\$4,007,459		\$24,412,360

Budget

	2019	2020	2021	2022	2023
Reserve Fund (as of Jan 31, 2019)	\$12,756,660	\$11,692,772	\$9,517,378	\$7,293,411	\$7,425,597
Proposed Capital Expense(-)	\$4,392,113	\$5,511,848	\$5,569,190	\$3,222,350	\$3,624,059
Amortization	\$1,660,436	\$1,685,343	\$1,710,623	\$1,736,282	\$1,762,326
Change in Net Assets	\$1,667,789	\$1,651,111	\$1,634,600	\$1,618,254	\$1,602,071
Total Available	\$11,692,772	\$9,517,378	\$7,293,411	\$7,425,597	\$7,165,935

Budget

	2019	2020	2021	2022	2023
WITH BORROWING					
Reserve Fund (as of Jan 31, 2019)	\$12,756,660	\$13,592,937	\$13,838,514	\$12,799,441	\$14,150,083
Proposed Capital Expense(-)	\$2,491,948	\$3,090,877	\$4,384,296	\$2,003,894	\$2,731,108
Amortization	\$1,660,436	\$1,685,343	\$1,710,623	\$1,736,282	\$1,762,326
Change in Net Assets	\$1,667,789	\$1,651,111	\$1,634,600	\$1,618,254	\$1,602,071
Total Available	\$13,592,937	\$13,838,514	\$12,799,441	\$14,150,083	\$14,783,372

Change in net ASSETS- Non-Operating Revenue removed(Budget)

	2019	2020	2021	2022	2023
WITH BORROWING					
Reserve Fund (as of Jan 31, 2019)	\$12,756,660	\$13,341,415	\$13,337,985	\$12,052,395	\$13,158,986
Proposed Capital Expense(-)	\$2,491,948	\$3,090,877	\$4,384,296	\$2,003,894	\$2,731,108
Amortization	\$1,660,436	\$1,685,343	\$1,710,623	\$1,736,282	\$1,762,326
Change in Net Assets	\$1,416,267	\$1,402,104	\$1,388,083	\$1,374,202	\$1,360,460
Total Available	\$13,341,415	\$13,337,985	\$12,052,395	\$13,158,986	\$13,550,664

Change in net ASSETS- Non-Operating Revenue removed(Actual)

	2019	2020	2021	2022	2023
WITH BORROWING					
Reserve Fund(as of Jan 31, 2019)	\$12,756,660	\$14,305,757	\$15,257,026	\$14,916,587	\$16,958,878
Proposed Capital Expense(-)	\$2,491,948	\$3,090,877	\$4,384,296	\$2,003,894	\$2,731,103
Amortization	\$1,660,436	\$1,685,343	\$1,710,623	\$1,736,282	\$1,762,326
Change in Net Assets	\$2,380,609	\$2,356,803	\$2,333,235	\$2,309,903	\$2,286,804
Total Available	\$14,305,757	\$15,257,026	\$14,916,587	\$16,958,878	\$18,776,900

NO BORROWING- Non-Operating Revenue Removed (Actual)

	2019	2020	2021	2022	2023
Reserve Fund(as of Jan 31, 2019)	\$12,756,660	\$12,405,592	\$10,935,890	\$9,410,557	\$10,234,392
Proposed Capital Expense(-)	\$4,392,113	\$5,511,848	\$5,567,190	\$3,222,350	\$3,624,059
Amortization	\$1,660,436	\$1,685,343	\$1,710,623	\$1,736,282	\$1,762,326
Change in Net Assets	\$2,380,609	\$2,356,803	\$2,333,235	\$2,309,903	\$2,286,804
Total Available	\$12,405,592	\$10,935,890	\$9,410,557	\$10,234,392	\$10,659,463

Preliminary Board Document

MHI	Annual Sewer Avg	Increase for MHI
1.5 55716 835.74	732	-0.141721311
2 55716 1114.32	732	-0.522295082
2.5 55716 1392.9	732	-0.902868852