

2024 WATER CONSTRUCTION FUND REVENUE AND EXPENSE DRAFT BUDGET

The water construction fund is used to record expenses related to construction projects in the distribution system as well as capital projects at the WTP. Typically, revenue received in this fund is from the water fund.

2024 Goals:

- * Replace water main on Front Street from North Lane to Locust
- * Capital projects as outlined by Inframark.

2024 WATER CONSTRUCTION FUND REVENUE AND EXPENSE DRAFT BUDGET

			2023	2024
			BUDGET	BUDGET
REVENUE				
31-341.000	31 341.000	Interest Earnings	550	4,300
31-354.080	31 354.080	ARPA	0	0
31-392.010	31 392.010	Transfer from General	0	0
31-392.060	31 392.060	Transfer From Water	120,000	83,982
TOTAL			120,550	88,282
EXPENSES				
502 Water System Distribution:				
31-502-313	31-502	313	Engineering	0
31-502-370	31-502	370	Capital Projects	152,000
31-502-371	31-502	371	Other Projects	90,000
31-502-372	31-502	372	Specific Projects	24,000
TOTAL			266,000	237,982
BEGINNING BALANCE			627,628	763,264
NET REVENUE			120,550	88,282
NET EXPENSES			266,000	237,982
EOY NET BALANCE			482,178	613,564

Project Title: Front Street Water Main Replacement

Operating Fund: Water Construction Fund

Description: Lititz Borough Public Works Department will replace 800' of water main and service lines (as needed and only to curb stops) on Front Street from North Lane to Locust Street.

<u>Year</u>	<u>Work Description</u>	<u>Estimated Cost</u>
2024	Replace water main	\$83,982
		TOTAL
		\$83,982

Funding Sources:

Water Fund

Future Impact

Improve water pressure, upgrade infrastructure, remove lead goose necks and galvanized service lines

Project Manager

Andy Garner

LITITZ BOROUGH WATER

Capital Improvements	ranking	2024	2025	2026	2027	2028
Well 3 Pump replacement	1	\$50,000				
Install VFD on Intermediate Pump	2	\$12,000	\$12,360			
Spare VFD Intermediate Pump				\$11,000		
Install VFD on High Service Pumps	3	\$18,000	\$18,540			
Spare VFD High Service Pump				\$17,000		
Cut in Finished Water Valve			\$17,000			
Replace plant boiler				\$15,000		
LED conversions	5					
1. Filter room 1 and 2		\$13,750				
2. Filter room 3			\$8,000			
3. High Service		\$5,300				
4. Chemical room			\$2,250			
5. Anion Room			\$5,500			
Clearwell Roof Replacement + Bilco Hatches	4	\$35,000				
High Service/ Filter #3 Room roof replacement			\$20,000			
Pressure Wash Tanks Kissel Hill & WTP Storage(3 years)				\$11,500		
Contingency for Unexpected Items		\$20,000	\$25,000	\$50,000	\$50,000	\$75,000
Total		\$154,050	\$108,650	\$104,500	\$50,000	\$75,000

Ranking

- (1)Well 3 Pump replacement-Well Pump was pulled and inspected 2023. Pump out of service due to condition beyond reasonable repair.
- (2)Install VFD on Intermediate Pump- Allows more energy efficient operation. Also allows for continuous filter operation for better filter performance.
- (3)Install VFD on High Service Pumps-Replace soft starts which are at end of life condition. Allow more energy efficient operations.
- (4)Clearwell Roof Replacement + Bilco Hatches-Area exposed to exterior conditions. Potential for rain water to infiltrate clear well.
- (5)LED conversion- More efficient, less maintenance and better light.

Other Items for Planning

- Convert Chlorine Gas to Sodium Hypochlorite
- Seal exterior of ground storage water tanks
- Well 7 (emergency generator)
- Spare Motors Intermediate/ High Service Pumps