

Water /Sewer Enterprise Fund

Department Description:

The City of Tybee Island Water and Sewer Department is broken into three (3) separate Divisions: Water, Sewer, and Utility Billing.

Services:

The Water and Sewer Department is committed to serving the needs of our residents, businesses, and visitors by providing high quality drinking water, waste water treatment and disposal services, and adequate water under sufficient pressure. The Department strives to provide for future economic growth through planning, implementation, water conservation measures, and continuing education. The Department is responsible for the safeguarding of public health and the environment, and providing cost efficient process improvements.

The Water and Sewer Department must operate its facility in accordance with the Georgia Safe Drinking Water Act of 1977, (O.C.G.A. 12-5-170 et. seq.) as passed by the Georgia Assembly. It must also comply with the Rules for Safe Drinking Water, Chapter 391-3-5 and meet all special conditions identified under its ten (10) year Permit, Number CG051005, issued by the State of Georgia Department of Natural Resources Environmental Protection Division on January 30, 2018.

The Department shall comply with O.C.G.A. Sections 12-5-7 and 12-5-8, regarding limitations on outdoor irrigation, local variances from state restrictions on outdoor watering, and any rules and regulations related to the withdrawal permit, or uses water provided by a system with a withdrawal permit.

The Department will ensure that the public water system is operated in compliance with the Georgia Certification of Water and Wastewater Treatment Plant Operators and Laboratory Analysis Act, as amended, and the rules adopted thereafter O.C.G.A. Section 391-3-5-39 of the Rules of Safe Drinking Water.

The Department shall ensure that drinking water distributed by the City shall not contain any impurity which will cause offense to the sense of sight, taste, or smell and water that is not excessively corrosive as to cause degradation of the water quality or deterioration of the distribution system, as specified in O.C.G.A. Section 391-3-5-19 and Section 391-3-5-26 of the Rules of Safe Drinking Water.

The Utility Billing Administration is committed to serving the needs of our customers by providing excellence in customer service by processing accurate and timely bills and services.

Personnel:

The Department of Public Works has a staff of thirteen (13) employees. The Water & Sewer Division Director oversees the entire department.

One Water & Sewer Operations Superintendent oversees the Department in the absence of the Divisional Director.

2022 Goals & Strategic Plan:

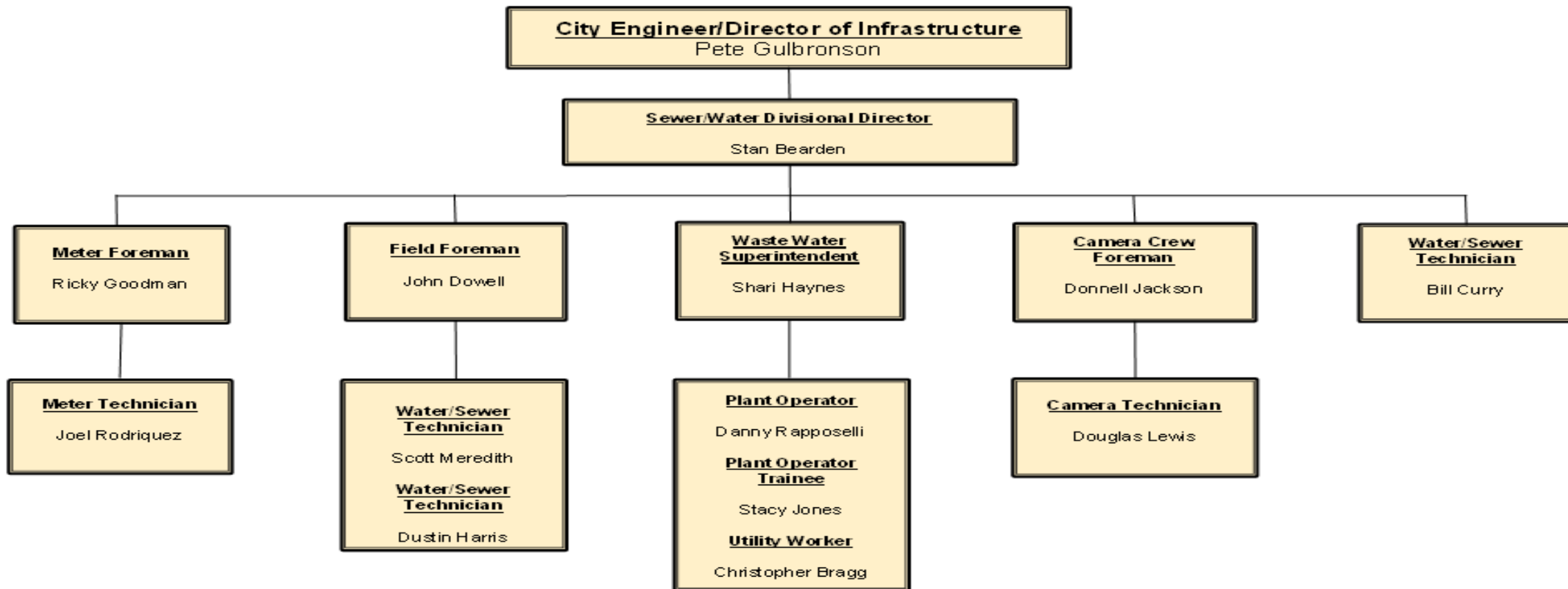
Water and Sewer Department

- Develop and administer a water conservation education program in accordance with the guidelines provided by the Georgia Environmental Protection Division.
- Develop and administer a conservation-oriented water rate structure for all customers in accordance with the Georgia Environmental Protection Division.
- Continue to evaluate reuse feasibility in accordance with the guidelines provided by the Georgia Environmental Protection Division.
- Continue to evaluate alternate water sources as a substitute for groundwater used.
- Administer a meter calibration, repair, and replacement program that includes: (1) a schedule for installing meters for all water supply sources and service connections that are not currently metered; and (2) annual calibration for meters for those users representing at least the top ten percent (10%) of water users.
- Administer a water loss control program in accordance with the guidelines provided by the Georgia Environmental Protection Division.
- Administer an annual fire hydrant flushing program.

Utility Billing Administration

- Maintain accurate customer records.
- Provide timely customer service calls.
- Assist Water Service Technicians with generating leak reports for customers.
- Manage contract with Atlantic Waste for residential and commercial garbage customers.

Sewer/Water Department Organizational Chart

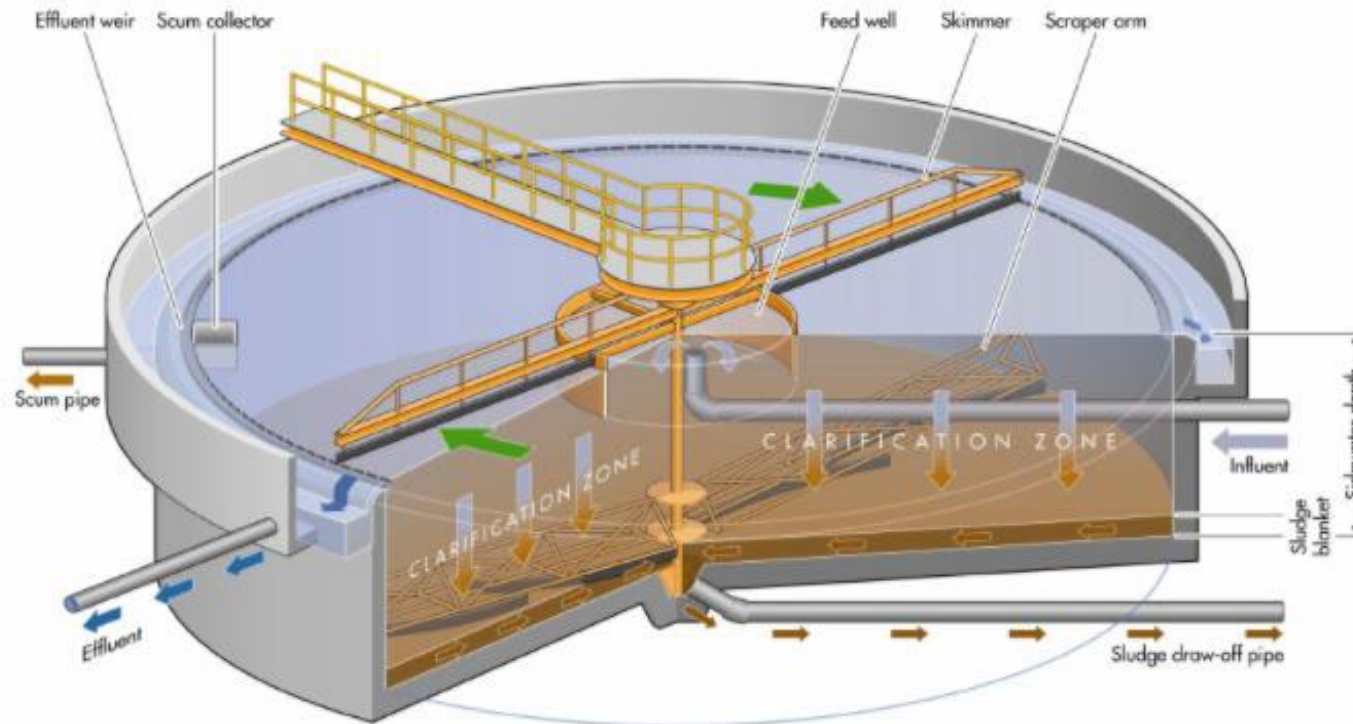


* Employee is within their 90 day probationary period.

SEWER LINES THAT NEED REPLACING	PROPOSED	LENGTH	UNIT COST	ESTIMATE				
Location and order of Priority	YEAR IN CIP		PER FOOT					
1. Meddin Drive - Gullick Street to Van Horn Avenue	FY 2022	1,545	\$300	\$463,500				
2. Veterans Drive - Meddin Drive to Van Horn Avenue	FY 2022	505	\$300	\$151,500				
3. Fort Avenue - Polk Street to Van Horn Avenue	FY 2022	1,225	\$300	\$367,500		\$982,500 FY 2022 TOTAL		
4. Van Horn Avenue - North Campbell Street to Fort Avenue	FY 2023	2,120	\$300	\$636,000				
5. Pulaski Street - Van Horn Avenue to Taylor Street	FY2023	1,855	\$300	\$556,500		\$1,192,500 FY 2023 TOTAL		
6. Dogwood Avenue - Paerwood Avenue to Pulaski Street	FY 2024	515	\$300	\$154,500				
7. Officers Row - Rosewood Avenue to Cedarwood Avenue	FY2024	1,115	\$300	\$334,500				
8. 10th Street - Bulter Avenue to East End	FY 2024	585	\$300	\$175,500				
9. 2nd Avenue - 11th Street to 12th Street	FY 2024	550	\$300	\$165,000				
10. 9th Street - Butler Avenue to 2nd Avenue	FY 2024	1,510	\$300	\$453,000		\$1,282,500 FY 2024 TOTAL		
11. Miller Avenue - 10th Street to 9th Street	FY2025	1,115	\$300	\$334,500				
12. City Hall to Lift Station 5	FY2025	340	\$300	\$102,000				
13. Strand Avenue - Lift Station 1 to 14th Street (Through Parking Lot)	FY2025	1,295	\$300	\$388,500		\$825,000 FY 2025 TOTAL		
14. 14th Street - Strand Avenue to Chatham Avenue	FY 2026	2,720	\$300	\$816,000				
15. 18th Place - Bulter Avenue to 630 Feet East of Bulter Avenue	FY2026	630	\$300	\$189,000		\$1,005,000 FY 2026 TOTAL		
16. 18th Terrace - Butler Avenue to 615 Feet East of Butler Avenue	FY2027	615	\$300	\$184,500				
17. 7th Street - 300 Feet West of Miller Avenue to 600 Feet East of Bulter Avenue	FY2027	1,860	\$300	\$558,000				
18. TS Chu - Butler Avenue to Strand Avenue	FY2027	695	\$300	\$208,500		\$951,000 FY 2027 TOTAL		
19. Chatham Avenue - 19th Street to Venetian Avenue	FY2028	3,710	\$300	\$1,113,000		\$1,113,000 FY 2028 TOTAL		
TOTAL		24,505		\$7,351,500		\$7,351,500 GRAND TOTAL		

WATER LINES THAT NEED REPLACING	PROPOSED	LENGTH	UNIT PRICE	ESTIMATE					
Location and Order of Priority	YEAR IN CIP		PER FOOT						
1. Silver Avenue - Butler Avenue to Strand Avenue	FY 2021	680	\$100	\$68,000					
2. TS Chu - Butler Avenue to Strand Avenue	FY 2021	690	\$100	\$69,000				\$137,000	FY 2021 TOTAL
3. Atlantic Avenue - Bulter Avenue to 570 Feet East of Butler Avenue	FY 2022	570	\$100	\$57,000					
4. 12th Terrace - Butler Avenue to 360 Feet East of Butler Avenue	FY 2022	360	\$100	\$36,000					
5. 13th Place - Butler Avenue to 325 Feet East of Butler Avenue	FY 2022	325	\$100	\$32,500					
6. 13th Terrace - Bulter Avenue to 280 East of Butler Avenue	FY 2022	280	\$100	\$28,000					
7. 13th Lane - Butler Avenue to 590 Feet East of Butler Avenue	FY 2022	590	\$100	\$59,000				\$212,500	FY2022 TOTAL
8. 14th Lane - Butler Avenue to 260 Feet East of Butler Avenue	FY 2023	260	\$100	\$26,000					
9. 17th Place - Bulter Avenue to 690 Feet East of Butler Avenue	FY 2023	690	\$100	\$69,000					
10. Laurel Avenue - McKenzie Avenue to Polk Street	FY 2023	1,075	\$100	\$107,500				\$202,500	FY 2023 TOTAL
11. Byers Street - USH 80 to Bay Street	FY 2024	445	\$100	\$44,500					
12. USH 80 - Breezy Point Road to 200 Feet East of Mckenzie Avenue	FY 2024	1,165	\$100	\$116,500					
13. Soda Rock Lane - McKenzie Avenue to 475 East of Mckenzie Avenue	FY 2024	475	\$100	\$47,500				\$208,500	FY 2024 TOTAL
14. Polk Street - USH 80 to Bay Street	FY 2025	1,560	\$100	\$156,000					
15. Captains View 25 Laterals	FY 2025	25	\$2,500	\$62,500	Lump sum cost per lateral			\$218,500	FY 2025 TOTAL
16. Breezy Point Road - USH 80 to 870 South of USH 80	FY 2026	870	\$100	\$87,000					
17. 14th Street - Jones Avenue to 5th Avenue	FY 2026	560	\$100	\$56,000				\$217,500	FY 2026 TOTAL
18. 13th Street - Jones Avenue to Venetian Drive	FY 2027	1,125	\$100	\$112,500					
19. Miller Avenue - 12th Street to 15th Street	27 2027	1,100	\$100	\$110,000				\$222,500	FY 2027 TOTAL
20. 15th Street - Butler Avene to Lovell Avenue	FY 2026	235	\$100	\$23,500					
21. 3rd Street - Butler Avenue to Lovell Avenue	FY 2029	235	\$100	\$23,500				\$228,000	FY 2028 TOTAL
22. 5th Avenue - 12th Street to 13th Street	FY 20228	1,160	\$100	\$116,000					
23. 6th Street - Horsepen Creek to Butler Avenue	FY 2029	1,940	\$100	\$194,000				\$217,500	FY 2029 TOTAL
24. 7th Avenue - Chatham Avenue to 12th Street	FY 2030	1,630	\$100	\$163,000					
25. Jones Avenue - USH 8o to Solomon Avenue	FY 2026	510	\$100	\$51,000				\$163,000	FY 2030 TOTAL
26. Pulaski Street - Van Horn Avenue to Taylor Street	FY 2028	610	\$100	\$61,000					
27. Dogwood Avenue - Peareood Avenue to Pulaski Street	FY 2028	510	\$100	\$51,000					
								\$2,027,500	GRAND TOTAL
TOTAL		19,675		\$2,027,500					

CITY OF TYBEE ISLAND CLARIFIER REPAIRS



CUT OUT DIAGRAM OF CIRCULAR CLARIFIER



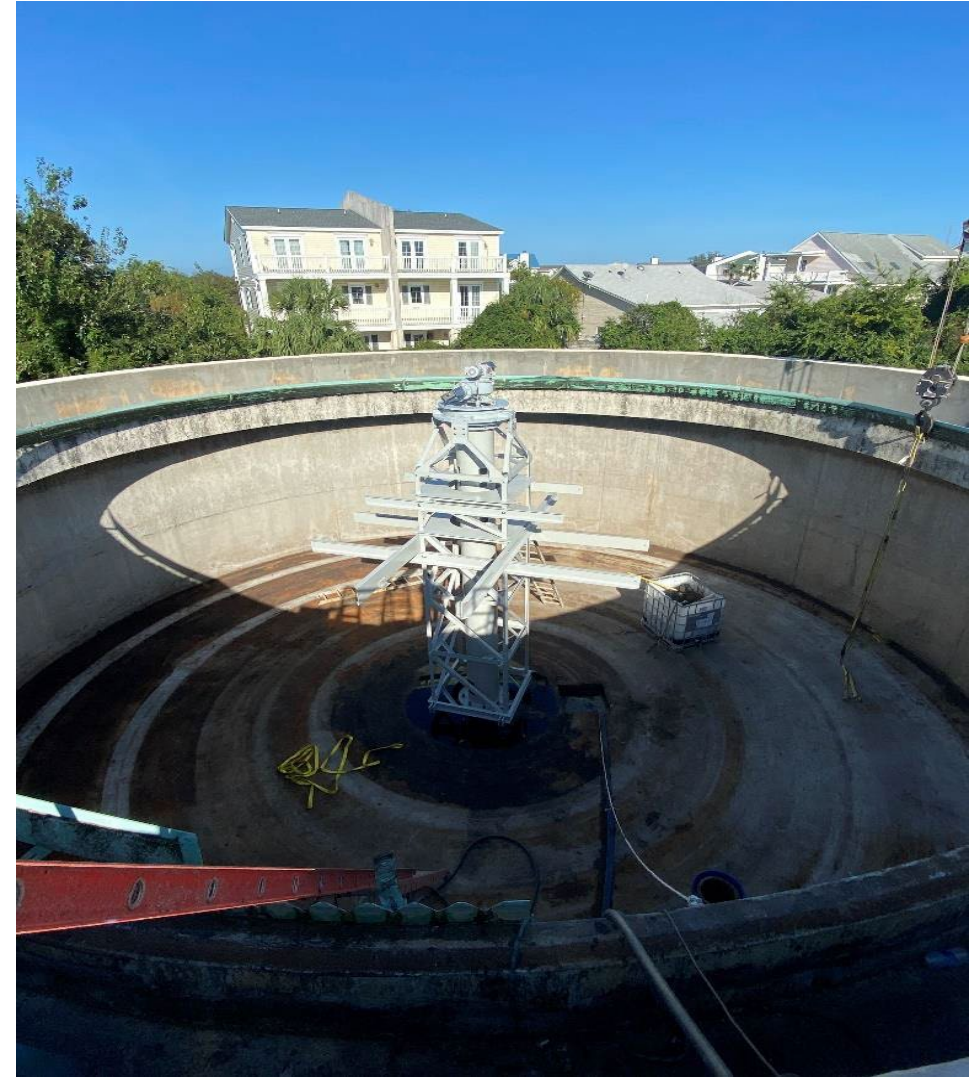
REMOVAL OF OLD FEED WELL



OLD FEED WELL



NEW FEED WELL INSTALLED



NEW FEED WELL INSTALLED



NEW FEED WELL PARTS PAINTED
READY FOR INSTALLATION



NEW SKIMMERS PARTS PAINTED
READY FOR INSTALLATION



NEW BRIDGE
READY FOR INSTALLATION

EMERGENCY BACK UP GENERATORS FOR THE SANITARY LIFT STATIONS



12 New Back Up Generators
Purchased Through a
FEMA Grant



Close-Up Of One Of The
Back Up Generators



Per FEMA Requirements
Generators Must Be Installed
Above The Flood Plain.

