

## Town of Oriental Proposed Annual Budget Fiscal Year 2018-2019

To: Mayor Sally Belangia

Board of Commissioners

From: Diane H. Miller, Manager and Budget Officer

Date: May 31, 2018

Re: Budget Message 2018-2019

As the fiscal budget allows our citizenry to transparently view the fiscally responsible use of their tax money, I have respectfully submitted a budget to the Board for their consideration and further adoption of a Budget Ordinance for FY 2018-2019 at a public hearing scheduled for June 5, 2018.

How money is handled and accounted for throughout the year is dictated by GAAP (Generally Accepted Accounting Principles) and GASB (Governmental Accounting Standards Board) plus monitored by our auditors and ultimately reported annually to the LGC (Local Government Commission). Two distinct funds, General Fund & Water Fund, must have separate reserves, be balanced and accounted for individually, but are worked from a central depository and are in this budget as presented.

The balanced budget has been produced in accordance with the North Carolina Local Government Budget and Fiscal Control Act, and was resolved and will be presented in its final form to the Board at the June 5, 2018 regular Town Board Meeting. At the time of publishing public notice, a copy was filed with the Office of the Clerk at Town Hall where it has been and shall remain available for public inspection until the required Budget Ordinance is adopted to take effect July 1, 2018.

This year's budget is a culmination of the work of many people, including the Board, Department Heads, Volunteer Boards, and our many vendors. As the Manager, I sincerely appreciate the many hours and tireless efforts of staff and Volunteers to provide us the most accurate estimates possible, in order to budget responsibly and determine justifiable expenses for enhancing the services and facilities we provide.

In the Manager's opinion, the proposed budget is a maintenance budget, with little allowance for catastrophic failure of equipment, as the maintenance and operations plan was instituted two years ago and has been religiously followed. This budget is a fiscally responsible effort, delivering required services at acceptable rates. The adherence to maintenance schedules, record-keeping, personnel qualifications, and recognition of longer term capital needs planning are provided herein.

At the retreat in March of 2018, a list of priority needs was discussed, in an attempt to decide which projects, in which order, with limited resources, can be accomplished. The extent or size of the services is largely controlled by the available funds (Revenues, plus any monies taken from Fund Balance) and

Appropriations (expenses or monies spent) coupled with the efficiencies we practice in utilizing these funds.

The Retreat directs our priorities for the upcoming year and targets a few projects each year to increase our provided services or enhance services already provided. It also provides for staff by equipping them adequately. This is where the Board took all recommendations on the budget prepared by the Manager in her capacity as Budget Officer. The overwhelming support and guidance offered by those with specialized knowledge was invaluable once again, and directed the most efficient use of limited funds for maximum benefit.

As related to personnel, once again, our costs will not be drawn at all from Powell funds, reserving significantly more of that for the cost of repaving in Powell. The delay in using 17-18 funds allows us to move forward with a larger reserve than annual and cover a larger project. The designated project will likely span through both the 17-18 and 18-19 Fiscal Years, in an attempt to get through all facets of a singularly difficult fix for a persistent issue in one of our most affected flooding areas.

Our overall General Fund costs have increased due to a directed raise, the first in 4 years for staff, the addition of a police officer beginning the first of the fiscal year, and the purchase (replacement) of a police vehicle.

No fund balance is to be used to balance the General Fund budget. No property tax increase is proposed, but it is understood that Pamlico County's property rates are beyond our control and may affect our residents if the governing body chooses to raise them.

We currently retain approximately 50% of our operating budget, well above the statutorily required 8%, however, budgets as small as ours are recommended to reserve closer to 50% in case of catastrophic system failure or weather emergency and repair. We have not funded the storm preparedness line item this year, in order to help balance the budget, but are confident that we have enough reserve to cover storm recovery, and the expertise to file for financial assistance if and when it is provided for storm recovery. Expectation of the large Whittaker Pointe Restoration project is not provided in this budget, though a match to any grant funded opportunities may be required. The Board has noted this as a priority for the upcoming year, in order to stabilize the protection afforded to the land and economy, geographically situated behind it.

The Water Fund is balanced with no increases to any fees, but will institute new services of after-hours connections for those returning from long absences and those who have been disconnected from the system. These new services are funded from new fees in Chapter S. There is an elevated tank maintenance costs over years past as we spread the cost of the recent lead abatement over 5 years, this being the second. Next fiscal year one tank mixer drops off and the following year the second mixer drops off. Within four years our maintenance cost will be back to its normal \$13-\$15,000/year. In addition, while a pass-through cost to Oriental, we do the billing for Bay River Metropolitan Sewer District(BRMSD), and, as in the County property tax, we have no control over the governing body of BRMSD, nor the rates charged for sewer service. We have been notified of an increase in rates, and have passed on that information to our residents through local media, our website, and social media.

#### **Budget Overview**

The budget being presented for your consideration is balanced in accordance with N.C.G.S. §159-8. The proposed operating budgets for our major funds are:

General Fund Water Fund \$ 930,714.02

\$ 320,440.00

The General Fund budget was derived and balanced with no increase to the tax rate and no charge added for trash pickup. The Water Fund is balanced without an increase to water rates. (N.C.G.S §143.355.4)

#### General Fund

#### **GF** Revenues

Ad Valorem ("according to value") property taxes should amount to \$489,983.24 of revenue as computed within guidelines, with our proposed tax rate at \$0.22 per \$100 county assessed valuation. One penny (\$.01) on the tax rate generates \$22,202.15. Oriental contracts with the Pamlico County tax office to collect our taxes. (as adjusted by a 99.9% collection rate- the collection rate [from June 2017- used as directed by N.C.G.S. §159-13 (b)(6)] has increased slightly again.) The collection rate is projected to be approximately 99.8% for the 2018-2019 FY, and 99.8% was used to budget as the year end numbers had not yet been verified.

Sales and Use tax, and expected revenues from sales of beer & wine have been conservatively estimated as is customary for Oriental, and based on projections received from the North Carolina League of Municipalities (NCLM). As the Sales and Use tax now encompasses both materials AND labor, we have seen a fairly significant increase in that tax as refunded to Oriental from the State. We are additionally estimating conservatively due to potential problems accessing our facilities following the continued erosion of Whittaker Pointe and its related shoaling upstream. As a mostly residential community, property tax is the disproportionate contribution of all revenue. As the market continues to recover, we will likely see an increase in new homes added to the inventory and fewer homes vacant. We have issued five new single family residential zoning permits as well as ten other improvement compliance forms in this fiscal year, with several previously vacant lots now developed. The addition of nearly \$5 million dollars in property value added this fiscal year attests to the fact that new structures and mobile units are gracing our Town. Other revenues were typically based upon historical data and trend observations and analysis.

The Sanitation fund is continuing to be supplemented by the general fund revenues as the contracted price exceeds what we collect for the service, at a cost of between \$23,000 and \$29,000. That supplement may well increase this year as a Consumer Price Index (CPI) increase has been noted by the contractor as an increase they will pass through for tipping. This is the final year on our previous contract, and substantial increase should be expected in next year's contract, as competition for services is now reduced to the lone contractor we currently use. The County is also considering going to a mandatory trash pickup for County residents, which we would could be part of, dependent on the rate negotiated by the County. The advantage to our own contract is the density within town as opposed to the rural nature of a large part of Pamlico County.

The addition of the Dog Park, through the generosity of an anonymous donor, is up, running, and is financially self-sustaining through registration of users to the facility. All funds revert to the general fund and are expected to cover the cost of ordering tags annually as well as any repair, maintenance and upkeep required. This year's tags are extended through June 2019 before annual renewal is scheduled.

Our small staff functions efficiently enough to deliver the services expected from a much larger contingent, by the education received and dedication given. Staff has moved forward with certification renewal and continuing education in all departments and this budget provides no new staff (outside of the delayed Police hire)

#### **GF** Appropriations

General Fund appropriations were typically based upon historical data adjusted by trend observations. 2018-2019 General Fund changes/projects:

- Storm water drainage maintenance will be performed by staff with the assistance of contractors.
- Two projects from HWAC for extension of docks, should permits be granted, will be funded from Occupancy tax reserves, and renovation of the old net house on the Public Restroom property at the harbor, if, and when the \$12,000 allotted through Occupancy Tax income for the year is exhausted.
- Reserve Funding for generator replacement is continuing in Administration.
- Reserve funding for ditch clearing equipment is established in Public Works.
- Rebuild of a trailer for use by ditch/grass cutting operations
- Purchase of a heater for Public Works facility that recovers used oil as its fuel.

#### Water Fund

Budgeting for the water fund has few changes. There are two major contributing factors to the cost to provide water to the Town of Oriental. First, there is a required adjustment necessary to more accurately account for the shared resources utilized between the water fund and general fund as required by both GAAP and GASB. The percentages of employee salary attributed to the Water Fund are calculated from tracked time in that fund from the previous year are based on the previous year's tracked time in each fund. Also, adhering to N.C.G.S. §143.355.4(b)(1), the Town must establish rates and maintain adequate reserves for the repair and rehabilitation of the system's aging infrastructure to be eligible for any grants or loans through the state in the future.

#### 2017-2018 Water Fund projects:

- continuation of meter replacement schedule
- Sealant/paint for plant
- Several valve and pump replacements

For comparison of Oriental's water rates to other municipalities and water suppliers across the state it is recommended to visit the website:

http://www.efc.sog.unc.edu/reslib/item/north-carolina-water-and-wastewater-rates-dashboard

Our water quality surpasses State water quality regulations and the Town of Oriental is committed to delivering a quality product at a reasonable cost. The current cost is less than recommended by the State, less than Pamlico County, as can be seen on the dashboard linked above. Our water loss remains steady between 6-8%, a significant decrease from previous years at 24-26%, an unacceptable rate. Our testing requirements have been relaxed by the State, owing to consistently good tests.

Water quality has increased markedly since our transition to Greensand plus filtration. We have logged one complaint since the transition.

In closing, the scheduling change approved as experimental in last year's budget discussions has proven itself extremely valuable, as we have made great progress on some long term projects as well as reorganizing our records and keeping current with the State's retention schedules. Thank you especially to the Board for their vision, looking toward the future needs of the Town of Oriental and its economic stability. My thanks to those who offered guidance and alternative solutions during the construction of this budget.

Respectfully submitted,

Diane H. Miller Manager, Town of Oriental

# Town of Oriental Resolution 2018-09

#### RESOLUTION CREATING CAPITAL RESERVE ACCOUNTS

Moving forward, and recognizing the impact of having reserves on capital purchases, the Mayor and Commissioners choose to incorporate the practice of reserving funds for specific capital purchases into the Standard Operating Procedure during the creation of the annual budget.

Whereas, a Capital Reserve Fund was created in the 2016-2017 FY for replacement of Emergency Generator and funded in 2016-2017at \$5,000; and funded in 2017-2018 for \$5,000; and funded in 2018-2019 at \$5,000 and the expected cost of that replacement is \$25,000; and the purchase of this generator is expected to take place in the 2019-2020 Fiscal Year; and that the source of these funds is the property tax collected in the annual budget as allowed by N.C.G.S. 159-48(b)(15);

Whereas, a Capital Reserve Fund is now created in the 2018-2019 Fiscal Year at \$10,000 for acquisition of a multi-terrain skid steer loader, and the expected cost of acquisition is \$45,000, and that the expected acquisition is scheduled for the 2021-2022 Fiscal Year; and that the source of these funds is the property tax collected in the annual budget as allowed by N.C.G.S. 159-48(b)(15);

**Now, Therefore it be resolved,** The Mayor and Commissioners of the Town of Oriental do hereby Establish Capital Reserve Accounts in the restricted cash accounts, for the Departments of Public Works and Police, as allowed by N.C.G.S. 159-18.

Approved
this 28 <sup>th</sup> day of June, 2018.
Sally Belangia, Mayor
Attest:
Diane H Miller Manager/Clerk

### TOWN OF ORIENTAL BUDGET ORDINANCE FISCAL YEAR 2018-19

BE IT ORDAINED by the Board of Commissioners of the Town of Oriental, North Carolina:

SECTION 1: APPROPRIATIONS. The following amounts are hereby appropriated for the operation of the Oriental Government and its activities for the fiscal year beginning July 1, 2018 and ending on June 30, 2019 in accordance with the following schedules:

#### SCHEDULE A. GENERAL FUND

Administrative Department	\$ 259,965.10
Police Department	136,747.01
Public Works Department	276,521.91
Sanitation	160,300.00
Transportation and Streets	38,000.00
Non-Powell Transportation/Streets	16,250.00
Special Appropriations	24,000.00
Recreation	18,930.00

### TOTAL GENERAL FUND APPROPRIATIONS \$ 930,714.02

#### SCHEDULE B. WATER FUND

Administrative Department	\$ 144,502.00
Distribution & Water Plant	\$ 175,938.00

TOTAL WATER FUND APPROPRIATIONS \$ 320,440.00

SECTION 2. ESTIMATED REVENUES. It is estimated that the following revenues will be available during the fiscal year beginning July 1, 2018 and ending June 30, 2019 to meet the foregoing appropriations.

### SCHEDULE A. GENERAL FUND

Current Year Property Tax	\$478,503.00
Current Year DMV Tax	\$15,000.00
Prior Year Property Tax	\$8,000.00
Interest on Taxes	\$2,500.00
NC Sales Tax Refund	\$4,000.00
G/F Sales Tax	\$160,614.00
Federal and State Fuel Tax refund	\$750.00
Franchise Tax	\$66,148.68
Beer & Wine Tax	\$4,372.00
Occupancy Tax (Tourism)	\$12,000.00
Occupancy Tax (Waterfront Enhancement)	\$12,000.00
Solid Waste Fees	\$101,945.00
Recycling Fees	\$17,000.00
Powell Bill Allocation	\$39,871.32
Police Tickets	\$150.00
Police Reports	\$30.00
G/F Other Income	\$1,200.00
Dog Park Registration	\$400.00
Zoning and Permit Fees	\$3,000.00
Solid Waste Disposal Tax	\$630.02
G/F Interest Income	\$1,500.00
Mowing Income	\$750.00

TOTAL GENERAL FUND ESTIMATED REVENUES \$ 930,714.02

#### SCHEDULE B. WATER FUND

Water Collections	\$292,000.00
Late Fees	\$3,000.00
Reread Fees	\$20.00
Reconnect Fees	\$1,500.00
Water Impact Fees	0
Water Service Fees (meter deposit)	\$2,200.00
Water Billing Service Fees (use of webpay)	\$600.00
Water Tap Fees	\$2,000.00
Irrigation Meter Fee	0
Water Fund Interest	\$300.00
NC Sales Tax Refund	\$6,320.00
Other Income	\$100.00
BRMSD Billing Fee	\$12,400.00
Water Fund Appropriated	0

### TOTAL WATER FUND ESTIMATED REVENUES \$ 320,440.00

SECTION 3. TAXES LEVIED. There is hereby levied the following rates of tax on each hundred dollars (\$100) valuation of taxable property, as listed for taxes for January 1, 2018, for the purpose of raising the revenue for the Current Year's Property Tax, as set forth in the foregoing estimates of revenues, and in order to finance the foregoing appropriations:

GENERAL FUND (for the general expenses incident to the proper government of the Town of Oriental).....\$0.22

TOTAL RATE per \$100 of valuation of taxable property.....\$0.22

Such rate of tax is based on an estimated total valuation of property for purposes of taxation of \$222,021,466 (\$489,983.24, including additional discoveries), and an estimated rate of collections of 99.8% (\$489,003.00).

SECTION 4. TRANSFERS. The Budget Officer is hereby authorized to transfer appropriations as contained herein under the following conditions that she may transfer amounts up to \$1,000 between departments within the same fund. She must make an official report on such transfers at the next regular meeting of the Board of Commissioners.

SECTION 5. DISTRIBUTION. Copies of this ordinance shall be furnished to the finance officer of the Town of Oriental, to be kept on file by her for her direction in the disbursement of funds.

Adopted this 5th day of June, 2018.	
Mayor	Town Manager Clerk to the Board

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Inventory 2018	2017 Town of Oriental	
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### Auto

Year	Make/Model	ID#	Value	·
2001	Dodge Ram TK	1B7HC16Y71S294225	\$	14,500.00
2003	Hack Trl	1HHEST3223E009026	\$	600.00
2004	Trailer		\$	1,200.00
2004	Dodge Durango	1D4HB38NX4F237664	\$	6,500.00
2005	Ford F350	1FTWF32515ED17086	\$	16,500.00
2011	John Deere Gator	1M0625GSLBM015160	\$	13,000.00
2014	John Deere GATOR	M0825CS082186		\$15,150.00
2012	Ford TK	1ftmf1cm9ckd72742	\$	25,000.00
2012	Dodge Charger 4s	2c3cdxag3ch3d4420	\$	22,000.00
2000	John Deere Tractor/Backhoe	2953 Model 4500	\$	13,000.00
2014	Ford F150	1FTNF1CF7EKD08692		\$18,500
1	BobCat	942223	\$	5,000.00
1	BobCat		\$	5,000.00
1	Generator Model	Town Hall	"	\$15,000.00
1	Husquarna Push Mower	Public Works		\$325.00
1	Husquarna Chain Saw	Public Works		\$200.00
3	Stihl ChainSaw	Public Works		\$200.00
1	Stihl Concrete Saw	Public Works		\$400.00
1	20" Chainsaw Bar	Public Works		

\$ 172,075.00

### Town Hall Equipment

Quanity	Description		Value	
6	Computer Equipment	6 Computers	\$	9,000.00
1	PRINTERS	Lanier 3993 Front Off	\$	800.00
1	PRINTERS	Deputy Clerk Office ".	\$	200.00
1	Printer 4014/4015 HP	Deputy Finance Office	\$	400.00
1	PRINTERS	Police Office	\$	250.00
1	Cash Drawer	Water Billing Office	\$	200.00
5	Telephones	5 Desk Top Types	\$	960.00
1	Fax Machine/Printer	Front Office	\$	350.00
1	Desk & 2 Chairs	Front Office	\$	600.00
1	Built-in Desk	Front Office	\$	1,200.00
4	4 File Cabinets	Front Office	\$	650.00
1	1 File Cabinet	Deputy Clerk Office	\$	250.00
8	Art	Town Hall	\$	3,500.00
1	Intercom System	Town Hall	\$	1,000.00
4	Adding Machines	Town Hall	\$	300.00

	1	Dry Erase Board	Town Hall	\$	25.00
		Large Magazine Rack	Town Hall	\$	187.00
		Small Magazine Rack	Town Hall	\$	67.00
		Exec. Office Chairs	Town Hall	\$	400.00
		Laptop Computer for PW	Town Hall	\$	500.00
		Metal Map Stand	Town Hall	\$	300.00
		Aficio 270	Town Hall	\$	1,600.00
	2		Town Hall	\$	250.00
	1	6 foot folding table	Town Hall	\$	45.00
		Fire Extingishers	Town Hall	\$	90.00
		Fireproof Safe	Town Hall	\$	100.00
		Brochure Display Rack	Town Hall	\$	140.00
		Cork Board	Town Hall	\$	27.00
		Ithaca Series 150 Receipt Prin		\$	600.00
		NetForce Fax Machine	Town Hall	\$	125.00
		Flags	Town Hall	\$	158.00
		Water Meter Paper Weight	Town Hall	\$	35.00
		Computer Tower Stands	Town Hall	\$	70,00
		Electrical Tasks Bars	Town Hall	\$	36.00
		Electrical Tasks Bars	Public Works	\$	36.00
		Electric Sweeper	Town Hall	\$	140.00
		Micro-wave	Town Hall	\$	120.00
		Micro-wave	Public Works	\$	15.00
		Trash Cans	Town Hall	\$	25.00
,		File Scanner	Town Hall	\$	89.00
		Comb Binder & Supplies	Town Hall	7	\$250.00
		Security Pull-Down Door	Front Office		\$450.00
		Wire Desk Organizers	Town Hall		\$200.00
		INSTANT EASEL BOARDS	Town Hall		\$130.00
	-	KEYBOARD & MOUSE	Town Hall		\$100.00
		HEAVY DUTY HOLE PUNCH	Town Hall		\$30.00
		Heavy Duty Paper Cutter	Town Hall		
		Rotary Rolodex	Town Hall		\$50.00
		Laminator & supplies	Town Hall		\$115.00
			Manager Office		\$130.00
		COMCAST DEVICE	Town Hall		\$90.00
		PARALLEL BOARDS	Town Hall		\$40.00
		Leather Soft Task Chair	Town Hall		\$85.00
1 Yr		Carbonite Plan	Town Hall		\$97.19
1 Yr 4 Pack					\$99.99
4 rack		Lifetime 6' Folding table	Town Hall		\$359.98
		Lifetime 37" Card Table	Town Hall		\$89.99
			Town Hall		\$70.40
	1	Custom Stencil 24x36	Town Hall		\$43.58

1	Z Shade commercial Shelter	Town Hall	\$199.98
1	Mac Gregor Tennis Net	Lupton Park	\$111.41
1	Space Saving Cash Drawer	Town Hall	\$199.99
1	Hole Puncher	Town Hall	\$44.99
	Advanced Office Sol B/W cop	Town Hall	\$78.43
	Advanced Office Sol Color cop	Town Hall	\$310.80

\$ 28,216.73

### **PUBLIC WORKS OFFICE**

1	PRINTER	EPSON	\$ 250.00
1	DESK & CHAIR	PUBLIC WORKS OFFIC	\$ 300.00
1	Computer Equipment	PUBLIC WORKS OFFIC	\$ 800.00
1	Telephone	Desk Top Types	\$ 240.00
1	Dehumidifier	PUBLIC WORKS OFFIC	\$200.00
26	CLIP BOARDS	PUBLIC WORKS SHOP	\$100.00
1	3-BIN ORGANIZER	PUBLIC WORKS SHOP	\$60.00
1	Digital Time Card	PUBLIC WORKS SHOP	\$200.00
1	2-DRAWER FILE CABINET	PUBLIC WORKS OFFIC	\$100.00
1	Generator	Public Works	\$25,000.00

\$ 27,250.00

### **Real Property**

Recreation Park	130 Straight Rd	\$	50,161.00
200,000 Gallon Water Tank	790 White Farm Rd	\$	614,367.00
Tri-Angle Property	Corner of Silverbrook	( & H	wy 55
75,000 Gallon Water Tank	1300 Gilgo Rd	\$	366,510.00
Water Plant	1300 Gilgo Rd	\$	1,315,085.00
Town Hall	507 Church Street	\$	251,930.00
Lupton Park	800 Third Ave.	\$	27,626.00
Land	Neuse St & Factory St		
Town Beach	Neuse Drive	\$	5,000.00
Land	Factory & Main St		
Lou Mac Park	602 South Ave.	\$	10,000.00

\$ 2,640,679.00

### **MEETING ROOM**

30	Cushioned Chairs	Town Hall/Commission	\$ 1,080.00
1	Dais	Town Hall/Commission	\$ 1,800.00
1	Sound System	Town Hall/Commission	\$ 3,500.00
1	End Table	Town Hall/Commission	\$ 55.00
1	Ceramic Dragon	Town Hall/Commission	\$ 1,500.00
2	Flags/Poles	Town Hall/Commission	\$ 140.00
1	Clock	Town Hall/Commission	\$ 10.00

3	Black Office Chairs	Town Hall/Commissic	\$180.00
6	ASUS TABLETS	Town Hall/Commissic	\$1,750.00
6	High Back Chairs	Town Hall/Commissio	\$450.00

\$ 10,465.00

### STORAGE

1	Glass Case with Trophies	Water Plant	\$ 600.00
1	Port Hole Plaque of Steamer	Water Plant	\$ 125.00
1	Typewriter Table	Water Plant	\$ 45.00
1	Speaker Stand	Water Plant	\$ 50.00
17	Folding Metal Chairs	Water Plant	\$ 170.00

\$ 990.00

### **Small Conference Rook**

1	Conference Meeting Table	Town Hall/Conferenc	\$ 750.00
1	BROWN TABLE/DESK	Town Hall/Conferenc	\$ 90.00
9	Office Chairs	Town Hall/Conferenc	\$ 500.00
			\$ 1,340.00

### POLICE

2	Desks	Police Department	\$ 325.00
2	Chairs	Police Department	\$ 250.00
2	Phones	Police Department	\$ 200.00
1	Computers	Police Department	\$ 800.00
1	Police Car-Durango	Police Department	\$ 6,500.00
1	Police Car-Dodge Charger 4D	Police Department	\$ 22,000.00
1	Shotgun	Police Department	\$ 800.00
1	Fireproof Safe	Police Department	\$ 1,500.00
2	File Cabinets	Police Department	\$ 250.00
2	Bulletproof Vests	Police Department	\$ 700.00
3	Hand Held Radios	Police Department	\$1,050.00
1	Breathalizer/Intoximeters	Police Department	\$ 600.00
1	Defibulator	Police Department	\$ 600.00
1	Lifepak 500	Police Department	\$ 600.00
1	Mobile Date Project Printer	Police Department	\$ 135.00
1	Ram Mount Stand	Police Department	\$ 125.00
1	Motorola Modem	Police Department	\$ 1,200.00
1	Power Inverter	Police Department	\$ 49.00
4	Antenna		
			\$ 37,684.00

		POLICE FIRE	
		ARMS	
		/ 11110	
NON POLICE PISTOL			
	<u>Manufactor</u>	<u>CALIBER</u>	MODEL
	SMITH AND WESSON	0.357	19-3
	LLAMA	0.765/32MM	ELGCIGAR
	L'ARMES DES FYPLNLES	.22 LR	52
	PHOENIX	.25 AUTO	P-51
	INDIAN ARMS CORP.	.380 AUTO	
	H&R	923	
NON POLICE RIFLE			
	<u>Manufactor</u>	CALIBER	MODEL
	H&R ARMS CO	7.62 MM	M14
	WINCHESTER	7.62 MM	M14
	COLT	5.56 MM	M-16A1
NON POLICE SHOT			
GUN			
	<u>Manufactor</u>	CALIBER	MODEL
	WINCHESTER 2 3/4 CHAMB	12 GA	1800
		-	
	WINCHESTER 2 3/4 CHAMB	12 GA	1800

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- HL 1	MOSSBERG 2 3/4 - 3" CHAM	12 GA	500 A
	MOSSBERG 2 3/4 - 3"CHAM	12 GA	S90
	WINCHESTER 3"	12 GA	SXP DEFENDER
DOLLGE DICTOL			
POLICE PISTOL	D. 1	CALIDED	MADDEL
	Manufactor_	CALIBER	MODEL
	M&P	40	M&P 40
	M&P	40	M&P 40
	M&P	40	M&P 40
	NAVATED DI ANIT 2017 INIVENITADI	7	
	WATER PLANT 2017 INVENTORY	<del>.</del>	
NUMBER	DESCRIPTION	COST EACH	TOTAL
	3/4" Water Meter	\$44.26	\$7,170.12
	Radio Read Meter	\$175.00	\$0.00
	1" Water Meter	\$62.00	\$186.00
	2" Water Meter	\$365.00	\$365.00
	6" Saddle	\$28.84	\$86.52
	4" Saddle	\$13.97	\$69.85
	3" Saddle	\$11.87	\$47.48
	2" Saddle	\$8.99	\$116.87
	8" Water Clamp	\$94.90	\$379.60
	6" Water Clamp	\$89.00	\$267.00
	4" Water Clamp	\$72.25	\$216.75
	3" Water Clamp	\$66.00	\$132.00
	8" PVC Slip On Coupling	\$55.00	\$110.00
	6" PVC Slip On Coupling	\$27.00	\$270.00
	4" PVC Slip On Coupling	\$16.00	\$128.00
	3" PVC Slip On Coupling	\$8.40	\$75.60
	2" PVC Slip On Coupling	\$6.25	\$12.50
6	3/4 Dresser Coupling	\$4.80	\$28.80
	1/2" PVC Dresser TYP Couplin		\$2.86
	6" PVC 90 degree Elbow Solid	\$31.12	\$31.12
	4" PVC 90* Elbow solid 40	\$19.71	\$39.42
	4" PVC Tee	\$27.18	\$81.54
	4" Flange/Kit Stock	\$12.80	\$12.80
	15 Horse Power Booster Pum	\$1,800.00	\$3,600.00
=		τ,	7-,3.00

	0 Blue Waterline Paint	\$5.98	\$0.00
	48 Water Meter Box/Lid	\$16.20	\$777.60
1	50 6"PVC Waterline Schd 40	\$1.80	\$90.00
	20 4" PVC Waterline Schd 40	\$1.30	\$26.00
	30 3" PVC Waterline Schd 40	\$1.20	\$36.00
	0 2" PVC Waterline Schd 40	\$1.10	\$0.00
	40 1" PVC Waterline Schd 40	\$0.90	\$36.00
	70 3/4" PVC Waterline Schd 40	\$0.85	\$59.50
	10 1/2" PVC Waterline Schd 40	\$0.80	\$8.00
	16 1/4" PVC Amunonin Sch 80x1	\$0.95	\$15.20
3	00 3/4" Service Tubing/ft	\$0.32	\$96.00
	45 1" Service tubing	\$0.38	\$17.10
	0 6" Sch 40 90* Elbows	\$30.21	\$0.00
	89 3/4" Angle Stop	\$18.05	\$1,606.45
3	00 3/4" Service Tubing/ft	\$4.19	\$1,257.00
AND LEAST	0 1" Service Coupling	\$4.80	\$0.00
	6 3/4" Corp. Stops	\$12.20	\$73.20
	3 High Pressure Pumps	\$600.00	\$1,800.00
	1 Hydraulic Pump-WP	\$442.00	\$442.00
	1 Electric Bristle Kit	\$500.00	\$500.00
			\$20,269.88
	waterlines		
1	I water intes		
	waterinies		
No	Distribution		
		\$17.10	\$171.00
	Distribution		\$171.00 \$151.24
	Distribution 10 3/4" Tee Ser. Coupling		
	Distribution 10 3/4" Tee Ser. Coupling 19 3/4" Service x 3/4" Pipe Coup	\$7.96	\$151.24
	Distribution  10 3/4" Tee Ser. Coupling  19 3/4" Service x 3/4" Pipe Coup  0 2" Gate Valve	\$7.96 \$47.00	\$151.24 \$0.00 \$140.00
	Distribution  10 3/4" Tee Ser. Coupling  19 3/4" Service x 3/4" Pipe Coup  0 2" Gate Valve  2 2" Check Valve	\$7.96 \$47.00 \$70.00	\$151.24 \$0.00
	Distribution  10 3/4" Tee Ser. Coupling  19 3/4" Service x 3/4" Pipe Coup  0 2" Gate Valve  2 2" Check Valve  25 3/4" Check Valve	\$7.96 \$47.00 \$70.00 \$22.25	\$151.24 \$0.00 \$140.00 \$2,781.25
	Distribution  10 3/4" Tee Ser. Coupling  19 3/4" Service x 3/4" Pipe Coup  0 2" Gate Valve  2 2" Check Valve  25 3/4" Check Valve  1 1" Check Valve	\$7.96 \$47.00 \$70.00 \$22.25 \$31.50	\$151.24 \$0.00 \$140.00 \$2,781.25 \$31.50
	Distribution  10 3/4" Tee Ser. Coupling  19 3/4" Service x 3/4" Pipe Coup  0 2" Gate Valve  2 2" Check Valve  25 3/4" Check Valve  1 1" Check Valve  2 1" Corp Stop	\$7.96 \$47.00 \$70.00 \$22.25 \$31.50 \$11.75	\$151.24 \$0.00 \$140.00 \$2,781.25 \$31.50 \$23.50
	Distribution  10 3/4" Tee Ser. Coupling  19 3/4" Service x 3/4" Pipe Coup  0 2" Gate Valve  2 2" Check Valve  25 3/4" Check Valve  1 1" Check Valve  2 1" Corp Stop  0 1' x 3/4" Service Coupling	\$7.96 \$47.00 \$70.00 \$22.25 \$31.50 \$11.75 \$21.84	\$151.24 \$0.00 \$140.00 \$2,781.25 \$31.50 \$23.50 \$0.00
	Distribution  10 3/4" Tee Ser. Coupling  19 3/4" Service x 3/4" Pipe Coup  0 2" Gate Valve  2 2" Check Valve  25 3/4" Check Valve  1 1" Check Valve  2 1" Corp Stop  0 1' x 3/4" Service Coupling  1 2" Ball Valve STD TYP	\$7.96 \$47.00 \$70.00 \$22.25 \$31.50 \$11.75 \$21.84 \$27.15	\$151.24 \$0.00 \$140.00 \$2,781.25 \$31.50 \$23.50 \$0.00 \$27.15
1:	Distribution  10 3/4" Tee Ser. Coupling  19 3/4" Service x 3/4" Pipe Coup  0 2" Gate Valve  2 2" Check Valve  25 3/4" Check Valve  1 1" Check Valve  2 1" Corp Stop  0 1' x 3/4" Service Coupling  1 2" Ball Valve STD TYP  2 11/4" Schd 40/45 * Elbow	\$7.96 \$47.00 \$70.00 \$22.25 \$31.50 \$11.75 \$21.84 \$27.15 \$3.89	\$151.24 \$0.00 \$140.00 \$2,781.25 \$31.50 \$23.50 \$0.00 \$27.15
1:	Distribution  10 3/4" Tee Ser. Coupling  19 3/4" Service x 3/4" Pipe Coup  0 2" Gate Valve  2 2" Check Valve  25 3/4" Check Valve  1 1" Check Valve  2 1" Corp Stop  0 1' x 3/4" Service Coupling  1 2" Ball Valve STD TYP  2 11/4" Schd 40/45 * Elbow  2 11/4" Schd 40 Tee	\$7.96 \$47.00 \$70.00 \$22.25 \$31.50 \$11.75 \$21.84 \$27.15 \$3.89 \$3.60	\$151.24 \$0.00 \$140.00 \$2,781.25 \$31.50 \$23.50 \$0.00 \$27.15 \$7.78 \$7.20 \$29.64
1:	Distribution  10 3/4" Tee Ser. Coupling  19 3/4" Service x 3/4" Pipe Coup  0 2" Gate Valve  2 2" Check Valve  2 1" Check Valve  1 1" Check Valve  2 1" Corp Stop  0 1' x 3/4" Service Coupling  1 2" Ball Valve STD TYP  2 11/4" Schd 40/45 * Elbow  2 11/4" Schd 40 Tee  13 11/4" Schd 40 Coupling	\$7.96 \$47.00 \$70.00 \$22.25 \$31.50 \$11.75 \$21.84 \$27.15 \$3.89 \$3.60 \$2.28	\$151.24 \$0.00 \$140.00 \$2,781.25 \$31.50 \$23.50 \$0.00 \$27.15 \$7.78 \$7.20 \$29.64 \$8.60
1:	Distribution  10 3/4" Tee Ser. Coupling  19 3/4" Service x 3/4" Pipe Coup  0 2" Gate Valve  2 2" Check Valve  25 3/4" Check Valve  1 1" Check Valve  2 1" Corp Stop  0 1' x 3/4" Service Coupling  1 2" Ball Valve STD TYP  2 11/4" Schd 40/45 * Elbow  2 11/4" Schd 40 Tee  13 11/4" Schd 40 Coupling  2 2" Sch 40/45* Elbow	\$7.96 \$47.00 \$70.00 \$22.25 \$31.50 \$11.75 \$21.84 \$27.15 \$3.89 \$3.60 \$2.28 \$4.30	\$151.24 \$0.00 \$140.00 \$2,781.25 \$31.50 \$23.50 \$0.00 \$27.15 \$7.78 \$7.20 \$29.64 \$8.60 \$7.50
1:	Distribution  10 3/4" Tee Ser. Coupling  19 3/4" Service x 3/4" Pipe Coup  0 2" Gate Valve  2 2" Check Valve  25 3/4" Check Valve  1 " Check Valve  2 1" Corp Stop  0 1' x 3/4" Service Coupling  1 2" Ball Valve STD TYP  2 11/4" Schd 40/45 * Elbow  2 11/4" Schd 40 Tee  13 11/4" Schd 40 Coupling  2 2" Sch 40/45* Elbow  2 2" Schd 40 Tee	\$7.96 \$47.00 \$70.00 \$22.25 \$31.50 \$11.75 \$21.84 \$27.15 \$3.89 \$3.60 \$2.28 \$4.30 \$3.75	\$151.24 \$0.00 \$140.00 \$2,781.25 \$31.50 \$23.50 \$0.00 \$27.15 \$7.78
1:	Distribution  10 3/4" Tee Ser. Coupling  19 3/4" Service x 3/4" Pipe Coup  0 2" Gate Valve  2 2" Check Valve  25 3/4" Check Valve  1 1" Check Valve  2 1" Corp Stop  0 1' x 3/4" Service Coupling  1 2" Ball Valve STD TYP  2 11/4" Schd 40/45 * Elbow  2 11/4" Schd 40 Tee  13 11/4" Schd 40 Coupling  2 2" Schd 40 Tee  4 2" Schd 40 Coupling	\$7.96 \$47.00 \$70.00 \$22.25 \$31.50 \$11.75 \$21.84 \$27.15 \$3.89 \$3.60 \$2.28 \$4.30 \$3.75 \$2.05	\$151.24 \$0.00 \$140.00 \$2,781.25 \$31.50 \$23.50 \$0.00 \$27.15 \$7.78 \$7.20 \$29.64 \$8.60 \$7.50 \$8.20
1:	Distribution  10 3/4" Tee Ser. Coupling  19 3/4" Service x 3/4" Pipe Coup  0 2" Gate Valve  2 2" Check Valve  25 3/4" Check Valve  1 " Check Valve  2 1" Corp Stop  0 1' x 3/4" Service Coupling  1 2" Ball Valve STD TYP  2 11/4" Schd 40/45 * Elbow  2 11/4" Schd 40 Tee  13 11/4" Schd 40 Tee  4 2" Schd 40 Tee  4 2" Schd 40 Coupling  0 1/2" Schd 40/90* Elbow	\$7.96 \$47.00 \$70.00 \$22.25 \$31.50 \$11.75 \$21.84 \$27.15 \$3.89 \$3.60 \$2.28 \$4.30 \$3.75 \$2.05	\$151.24 \$0.00 \$140.00 \$2,781.25 \$31.50 \$23.50 \$0.00 \$27.15 \$7.78 \$7.20 \$29.64 \$8.60 \$7.50 \$8.20 \$0.00

250	3/4" Washers/Insert	\$0.45	\$112.50
	1" Washer/Insert	\$0.52	\$0.00
	Brass Meter Lockable Caps	\$4.80	
	1" Angle Stop	\$19.22	\$0.00
	3"PVC Sch 40 Coupling	\$0.99	
<del></del>	3" Sch 40/45* Elbow	\$1.08	
	3" PVC Sch 40 90* Elbow	\$1.15	\$0.00
	3/4" Union TYP Ball Valve	\$6.25	
	11/2" Pipex11/2 Glue D/Sc40	\$0.99	\$0.00
	2" Brass Couplings	\$12.80	\$0.00
	3/4" NPT x 3/4" Ser. Tube	\$1.26	
	3/4" MPT x 3/4 BRABD Adapt	\$2.05	
	Street Sign Pole Bracket	\$7.55	\$415.25
	2" x 3/4 " Saddles	\$13.11	\$170.43
	3" x 1"Saddle	\$12.31	\$0.00
	4" x 3/4" Saddle	\$20.38	\$101.90
	4" x 2" Saddle	\$12.95	\$101.90
	6" x 3/4" Saddle	\$30.41	
		\$30.41	\$121.64
	6" x 1" Saddle 6" x 12" Saddle		\$0.00
	8" x 1" Sadde	\$38.95	\$116.85
		\$51.80	\$51.80
	8" x 3/4" Saddle	\$48.89	\$342.23
	10" x 3/4" Saddle 10" x 1" Saddle	\$110.25	\$220.50
		\$120.75	\$0.00
	2" Full Circle Clamps	\$56.00	\$56.00
	3" Full Circle Clamps	\$66.00	\$132.00
			\$5,704.83
	Water Plant supplies		
	Balder Pump Motor CJL1309A	229.95+S&H	
	H20 CV 13 ASCO Valve	264.29 S&H	
	Booster Cartridge Assembly	298.25+S&H	
	Outdoor Filling Station	3,464.29+ S&H	t
	4" Full Circle Clamps	\$72.10	\$144.20
	8" Full Circle Clamps	\$94.90	\$189.80
	Ammonia Pump	\$250.00	\$250.00
	1" Corp Stops	\$15.80	\$31.60
	Sch 80 3" Tees	\$8.20	\$16.40
	Sch 80 3" Glue NPT Male Adp	\$0.95	\$0.95
	Sch 80 3" 90* Elbows	\$9.00	\$72.00
	Sch 80 3" 45* Elbow	\$21.65	\$43.30
	3/4" Angle Stop		
	1" Brass Couplings		
1	Sch 40 90* Elbow-3/4"	\$1.01	\$16.16

2	2" Flange Kits		
8	Sch 80 90* Elbow-3"	\$5.64	\$22.56
1	Sch 80 Coupling-3"	\$12.01	\$36.03
0	Sch 80 Male Adapter-2"	\$15.52	\$108.64
5	Sch 80 Female Adapter-2 1/2	\$9.72	\$48.60
3	Sch 80 Female Adapter-1 1/2'	\$7.30	\$21.90
6	Sch 80 Male Adapter-1"	\$15.52	\$310.40
0	Sch 80 Bushing- 4X2"	\$22.91	\$22.91
1	Sch 80 Bushing- 4X3"	\$22.91	\$22.91
5	Sch 80 Female Adapter-2"	\$26.00	\$26.00
0	Sch 80 90* Elbow-2"	\$2.82	\$14.10
2	Sch 80 Male Adapter-4"	\$15.52	\$31.04
2	Sch 40 Dresser Coulping-2"	\$31.42	\$94.26
1	Sch 40 Dresser Coulping-1 1/2	\$24.99	\$24.99
5	Sch 40 Dresser Coupling 1"	\$18.41	\$110.46
0	Quarts of 5W-30 oil	\$60.00	\$60.00
1	Nist- Traceable Thermometer	275	\$275.00
1	PKT CLRMTR MASNGANESE SYS	500	\$500.00
6	Quarts of 10W-30 Oil	\$5.29	
0	Quarts 10W 30 Synthectic FA	\$5.29	
1	Gallon Of Coolant	\$9.37	
			\$2,494.21
		Total Value	\$28,468.92

### **Pesticide Room Inventory 2017**

Quantity	Description	Value EA
	Adulticide	
35 Gal	Biomist-7CSD	\$3,500.00
0 Gal	MasterLine	
	Larvicide	\$900.00
	0 BTI Briquets (Naturlin	e 1 1/2 Boxes)
5 Bottles	Agnoqie	
	0 Vectobac CG	
25 Gal	Cocobear	\$1,200.00
	Insecticide	
35 lbs	Fire Ant Killer- Estrem	1
0 Cans	Fire Ant spray	
6 Cans	Wasp/Hornet Killer	
	Herbicide	

5 Gal	Kill Zall II	\$300.00
2 1/2 Gal	Nufarm Suystemic	
WIND 188	Miscellaneous	
4	Tyvexsuits	
1-Jan	Face Sheidls	
3	Gloves	
150 lbs	Hydrated Lime	
0 lbs	HiDry Absorbent	
60 lbs	Fescue Grass Seed	
		\$5,900.00

### 2018 Capital Improvement Program (CIP)

The ORIENTAL WATER TREATMENT SYSTEM capital improvement program (CIP) plan is the description of future capital projects. Capital improvement projects generally create a new asset that previously did not exist or they upgrade and improve an existing capacity. The projects can result from growth or environmental needs, such as the following:

- 1. Expenditure that purchases or creates a new asset or in any way improves an asset beyond its original design capacity
- 2. Upgrades that increase the capacity of the asset
- 3. Construction designed to produce an improvement in the standard operation of the asset beyond its present capacity

In addition to capital improvement projects, the asset management team has reviewed and is establishing a renewal (or rehabilitation) strategy. Renewal expenditure is anything that does not increase the asset's design capacity but restores an existing asset to its original capacity. Any improvement projects that require more than simply restoring an asset to its original capacity are deemed to be a renewal project, such as the following:

- 1. Activities that do not increase the capacity of the asset (i.e., upgrade and enhance the assets restoring them to their original size, condition, and capacity)
- 2. Rehabilitation involving improvements and realignment or restores the assets to a new or fresh condition
- 3. [Enter Additional Criteria]

In making renewal decisions, the utility considered several categories other than the normally recognized physical, failure or breakage. Such renewal decisions include the following:

- 1. Structural
- 2. Capacity
- 3. Level of service failures
- 4. Outdated functionality
- 5. Cost or economic impact
- 6.[Enter Additional Criteria]

The utility staff and management know of potential assets that need to be repaired or rehabilitated. Reminders in the CUPSS task calendar let the staff members know when the condition of an asset begins to decline according to the manufacturer's life cycle recommendations of assets. The CUPSS Check Up Reports also have provided recommendations (replace, repair, or rehabilitate) for each asset. The utility staff members have taken these reminders and recommendations into account.

A summary of the current plan is presented in Table 7-1. Because the expected needs of the utility will change each year, the CIP plan will be updated to reflect those changes. Greater detail is presented in the town CIP.

Table 7-1. ORIENTAL WATER TREATMENT SYSTEM Capital Improvement Projects

Capital Improvement Project	Total Cost	Annual Savings	Type of Capital Improvement Project	Year to Conduct
WELL MOTOR 1	\$3,100	\$124	Rehab/Replace	2018
WELL MOTOR 2	\$3,100	\$124	Rehab/Replace	2020
WELL PUMP 1	\$2,800	\$112	Rehab/Replace	2018
WELL PUMP 2	\$2,800	\$112	Rehab/Replace	2020
HSP 1	\$3,600	\$1,200	Rehab/Replace	2020
HSP 2	\$3,600	\$1,200	Rehab/Replace	2019
HSP (SPARE)	\$3,600	\$1,200	Rehab/Replace	2020
HSP (SPARE)	\$3,600	\$1,800	Rehab/Replace	2019
CL2 BOOSTER 1	\$1,300	\$433	Rehab/Replace	2019
CL2 BOOSTER (SPARE)	\$1,300	\$433	Rehab/Replace	2018
CL2 REG. (PRE)	\$3,590	\$359	Rehab/Replace	2025
CL2 REG. (POST)	\$3,590	\$359	Rehab/Replace	2025
CL2 SILENOID VALVE 1" SPARE	\$420	\$32	Rehab/Replace	2018
CL2 SILENOID VALVE 1" (PRE)	\$420	\$84	Rehab/Replace	2022
ROTOMETER (PRE)	\$540	\$42	Rehab/Replace	2018
ROTOMETER (POST)	\$540	\$42	Rehab/Replace	2018
ROTOMETER (DUAL)	\$540	\$54	Rehab/Replace	2024
CL2 150LB SCALE 1	\$1,925	\$192	Rehab/Replace	2024
CL2 150LB SACLE 2	\$1,925	\$148	Rehab/Replace	2018
NH3 600LB SCALE	\$2,950	\$227	Rehab/Replace	2018
CL2 CHK VALVE 1	\$440	\$40	Rehab/Replace	2025
CL2 CHK VALVE 2	\$440	\$40	Rehab/Replace	2025
SPARE CL2 CHK VALVE	\$440	\$40	Rehab/Replace	2025
INJECTOR BODY 1	\$165	\$13	Rehab/Replace	2018
INJECTOR BODY 2	\$165	\$13	Rehab/Replace	2018
INJECTOR BODY 3	\$165	\$13	Rehab/Replace	2018
INJECTOR 1	\$238	\$24	Rehab/Replace	2026
INJECTOR 2	\$238	\$24	Rehab/Replace	2026

Capital Improvement Project	Total Cost	Annual Savings	Type of Capital Improvement Project	Year to Conduct
INJECTOR 3	\$238	\$24	Rehab/Replace	2027
DIFFUSER	\$50	\$4	Rehab/Replace	2018
NH3 FEED PUMP 1	\$1,050	\$175	Rehab/Replace	2018
NH3 FEED PUMP 2	\$1,050	\$210	Rehab/Replace	2019
DECHLOR FEED PUMP	\$1,160	\$290	Rehab/Replace	2018
SPARE DECHLOR FEED PUMP	\$1,160	\$232	Rehab/Replace	2020
NH3 BOOSTER 1	\$320	\$64	Rehab/Replace	2021
SPARE NH3 BOOSTER	\$320	\$64	Rehab/Replace	2020
25 TON SALT TANK	\$41,200	\$1,526	Rehab/Replace	2018
BRINE WELL	\$3,240	\$216	Rehab/Replace	2018
BRINE TANK VALVE	\$56	\$56	Rehab/Replace	2018
SOFTENER 1	\$32,000	\$865	Rehab/Replace	2040
RESIN	\$14,500	\$967	Rehab/Replace	2018
2" VALVE 1	\$425	\$17	Rehab/Replace	2040
2" VALVE 2	\$425	\$85	Rehab/Replace	2020
2" VALVE 3	\$425	\$85	Rehab/Replace	2020
3" VALVE 1	\$635	\$127	Rehab/Replace	2020
3" VALVE 2	\$635	\$127	Rehab/Replace	2020
3" VALVE 3	\$635	\$127	Rehab/Replace	2020
3" VALVE 4	\$635	\$127	Rehab/Replace	2020
3" BTTRFLY VALVE 1	\$240	\$7	Rehab/Replace	2026
3" BTTRFLY VALVE 2	\$240	\$7	Rehab/Replace	2026
3" BTTRFLY VALVE 3	\$240	\$7	Rehab/Replace	2026
SOFTENER 2	\$32,000	\$889	Rehab/Replace	2027
RESIN	\$14,500	\$967	Rehab/Replace	2018
2" VALVE 1	\$425	\$85	Rehab/Replace	2020
2" VALVE 2	\$425	\$85	Rehab/Replace	2020
2" VALVE 3	\$425	\$85	Rehab/Replace	2020
3" VALVE 1	\$635	\$127	Rehab/Replace	2020
3" VALVE 2	\$635	\$127	Rehab/Replace	2020

Capital Improvement Project	Total Cost	Annual Savings	Type of Capital Improvement Project	Year to Conduct
3" VALVE 3	\$635	\$127	Rehab/Replace	2020
3" VALVE 4	\$635	\$127	Rehab/Replace	2020
3" BTTRFLY VALVE 1	\$260	\$7	Rehab/Replace	2026
3" BTTRFLY VALVE 2	\$260	\$7	Rehab/Replace	2026
3" BTTRFLY VALVE 3	\$260	\$7	Rehab/Replace	2026
FILTER 1	\$32,000	\$889	Rehab/Replace	2027
MEDIA	\$15,000	\$882	Rehab/Replace	2033
2" VALVE	\$400	\$15	Rehab/Replace	2018
3" VALVE	\$635	\$24	Rehab/Replace	2018
4" VALVE 1	\$975	\$36	Rehab/Replace	2018
4" VALVE 2	\$975	\$36	Rehab/Replace	2018
4" VALVE 3	\$975	\$36	Rehab/Replace	2018
4" BTTRFLY VALVE 1	\$300	\$9	Rehab/Replace	2026
4" BTTRFLY VALVE 2	\$300	\$9	Rehab/Replace	2026
4" BTTRFLY VALVE 3	\$300	\$9	Rehab/Replace	2026
FILTER 2	\$30,000	\$833	Rehab/Replace	2027
MEDIA	\$19,000	\$1,118	Rehab/Replace	2033
2" VALVE	\$425	\$16	Rehab/Replace	2018
3" VALVE	\$635	\$24	Rehab/Replace	2018
4" VALVE 1	\$635	\$24	Rehab/Replace	2018
4" VALVE 2	\$635	\$24	Rehab/Replace	2018
4" VALVE 3	\$635	\$24	Rehab/Replace	2018
4" BTTRFLY VALVE 1	\$300	\$9	Rehab/Replace	2026
4" BTTRFLY VALVE 2	\$300	\$9	Rehab/Replace	2026
4" BTTRFLY VALVE 3	\$300	\$9	Rehab/Replace	2026
HSP 1 BTTRFLY VALVE	\$300	\$9	Rehab/Replace	2026
HSP 2 BTTRFLY VALVE	\$300	\$9	Rehab/Replace	2026
B.W. BTTRFLY VALVE	\$300	\$9	Rehab/Replace	2025
1" NRT AR/VB 1	\$600	\$55	Rehab/Replace	2025
1" NPT AR/VB 2	\$600	\$40	Rehab/Replace	2018

Capital Improvement Project	Total Cost	Annual Savings	Type of Capital Improvement Project	Year to Conduct
1" NPT AR/VB 3	\$600	\$60	Rehab/Replace	2025
1" NPT AR/VB 4	\$600	\$40	Rehab/Replace	2018
1" NPT AR/VB 5	\$600	\$40	Rehab/Replace	2018
PLANT ALARM SYSTEM	\$2,600	\$113	Rehab/Replace	2036
CL2 GAS SENSOR	\$1,000	\$250	Rehab/Replace	2018
CL2 GAS MONITOR	\$2,000	\$87	Rehab/Replace	2037
DEWATERING PUMP	\$1,200	\$240	Rehab/Replace	2020
DEWATERING PUMP	\$1,200	\$36	Rehab/Replace	2018
TELEMETRY EQUIP	\$25,000	\$1,250	Rehab/Replace	2021
INSERTION TURBINE	\$1,600	\$80	Rehab/Replace	2036
RATE INDICATOR	\$1,600	\$70	Rehab/Replace	2039
20' STICKS / 10" MAIN	\$240,000	\$6,316	Rehab/Replace	2041
20' STICKS / 8" MAIN	\$704,000	\$16,372	Rehab/Replace	2018
20' STICKS / 6" MAIN	\$705,500	\$16,407	Rehab/Replace	2018
20' STICKS / 4" MAIN	\$120,000	\$2,791	Rehab/Replace	2018
20' STICKS / 3" MAIN	\$22,000	\$512	Rehab/Replace	2018
20' STICKS / 2" MAIN	\$22,000	\$512	Rehab/Replace	2018
10" STREET VALVES	\$12,800	\$337	Rehab/Replace	2041
6" STREET VALVES	\$142,800	\$3,321	Rehab/Replace	2018
4" STREET VALVES	\$19,800	\$460	Rehab/Replace	2018
3" STREET VALVES	\$2,700	\$63	Rehab/Replace	2018
2" STREET VALVES	\$3,500	\$81	Rehab/Replace	2018
STREET VALVE BOXES W/LIDS	\$26,400	\$614	Rehab/Replace	2018
PLANT MASTER METER	\$3,500	\$219	Rehab/Replace	2034
SOFTENER 1 MTR	\$1,500	\$94	Rehab/Replace	2030
SOFTENER 2 MTR STD	\$1,500	\$94	Rehab/Replace	2033
BACKWASH MRT	\$3,100	\$94	Rehab/Replace	2018

Capital Improvement Project	Total Cost	Annual Savings	Type of Capital Improvement Project	Year to Conduct
STD	- Vision			
METER BOXES W/LIDS	\$35	\$1	Rehab/Replace	2018
200K WATER TOWER	\$500,000	\$4,630	Rehab/Replace	2113
200K MIXER UNIT	\$15,000	\$1,000	Rehab/Replace	2028
75K WATER TOWER	\$350,000	\$3,271	Rehab/Replace	2102
75K MIXER UNIT	\$15,000	\$938	Rehab/Replace	2033
EFFLUENT PUMPS 1	\$1,100	\$367	Rehab/Replace	2018
T-10 WATER METER	\$260	\$24	Rehab/Replace	2029
T-10 WATER METER	\$260	\$26	Rehab/Replace	2027
T-10 WATER METER	\$260	\$26	Rehab/Replace	2027
T-10 WATER METER	\$260	\$8	Rehab/Replace	2018
T-10 WATER METER	\$260	\$8	Rehab/Replace	2018
T-10 WATER METER	\$260	\$26	Rehab/Replace	2027
T-10 WATER METER	\$260	\$8	Rehab/Replace	2018
T-10 WATER METER	\$260	\$8	Rehab/Replace	2018
T-10 WATER METER	\$260	\$8	Rehab/Replace	2018
T-10 WATER METER	\$1,400	\$67	Rehab/Replace	2035
T-10 WATER METER	\$260	\$8	Rehab/Replace	2018
T-10 WATER METER	\$260	\$26	Rehab/Replace	2027
T-10 WATER METER	\$260	\$8	Rehab/Replace	2018
T-10 WATER METER	\$260	\$8	Rehab/Replace	2018
T-10 WATER METER	\$260	\$8	Rehab/Replace	2018
T-10 WATER METER	\$260	\$8	Rehab/Replace	2018
T-10 WATER METER	\$260	\$8	Rehab/Replace	2018
T-10 WATER METER	\$260	\$26	Rehab/Replace	2026
T-10 WATER METER	\$260	\$24	Rehab/Replace	2029
T-10 WATER METER	\$500	\$15	Rehab/Replace	2018
T-10 WATER METER	\$260	\$8	Rehab/Replace	2018
T-10 WATER METER	\$950	\$29	Rehab/Replace	2018
T-10 WATER METER	\$260	\$26	Rehab/Replace	2026

Capital Improvement Project	Total Cost	Annual Savings	Type of Capital Improvement Project	Year to Conduct
FIRE HYDRANT & VALVE	\$2,500	\$58	Rehab/Replace	2018
FIRE HYDRANT & VALVE	\$2,500	\$58	Rehab/Replace	2018
FIRE HYDRANT & VALVE	\$2,500	\$58	Rehab/Replace	2018
FIRE HYDRANT & VALVE	\$2,500	\$58	Rehab/Replace	2018
FIRE HYDRANT & VALVE	\$2,500	\$58	Rehab/Replace	2018
FIRE HYDRANT & VALVE	\$2,500	\$58	Rehab/Replace	2018
FIRE HYDRANT & VALVE	\$2,500	\$58	Rehab/Replace	2018
FIRE HYDRANT & VALVE	\$2,500	\$58	Rehab/Replace	2018
FIRE HYDRANT & VALVE	\$2,500	\$58	Rehab/Replace	2018
FIRE HYDRANT & VALVE	\$2,500	\$58	Rehab/Replace	2018
FIRE HYDRANT & VALVE	\$2,500	\$58	Rehab/Replace	2018
FIRE HYDRANT & VALVE	\$2,500	\$58	Rehab/Replace	2018
FIRE HYDRANT & VALVE	\$2,500	\$58	Rehab/Replace	2018
FIRE HYDRANT & VALVE	\$2,500	\$58	Rehab/Replace	2018
FIRE HYDRANT & VALVE	\$2,500	\$58	Rehab/Replace	2018
FIRE HYDRANT & VALVE	\$2,500	\$58	Rehab/Replace	2018
FIRE HYDRANT & VALVE	\$2,500	\$58	Rehab/Replace	2018
FIRE HYDRANT &	\$2,500	\$58	Rehab/Replace	2018