



TOWN OF PINEDALE WYOMING

Wyoming Statutes governing water and sewer funds; State statutes require a depreciation fund for compliance.

- W.S. 15-7-407. Consumer rates; depreciation.
- W.S. 15-7-508. Rates; general; amounts; special.

Reserves by 2026 can be achieved in one of two ways to achieve:

- **Savings:** budgeted future savings; FY2017 \$250,000 for Water and \$100,000 for Sewer per year; this is not the same as Depreciation.
- **Depreciation:** annual depreciation calculated upon the respective values of each system over a period of time varying from 10-50 years. Capital inventory of Water is valued at \$25,863,388 and Sewer is valued at \$20,706,897, depreciation estimated at \$537,493 and \$430,795 per year respectively.

Total W&S Expenses FY2017 = \$1,235,210

Water \$ 732,370
Sewer \$ 502,840

Payroll FY2017 total = \$1,565,460

Water \$ 262,870
Sewer \$ 228,540
General \$1,074,050

Rate Scenarios

Item	Scenarios				
	Original	1A	1B	2A (Current)	2B
Savings Plan	\$250k/\$100k	\$250k/\$100k	\$537k/\$430k	\$250k/\$100k	\$537k/\$430k
Payroll	\$ 383,959.00	\$ 354,992.00	\$ 354,992.00	\$ 354,992.00	\$ 354,992.00
Other Expenses	\$ 1,235,210.00	\$ 1,235,210.00	\$ 1,235,210.00	\$ 1,235,210.00	\$ 1,235,210.00
Water					
Monthly	\$ 43.42	\$ 39.69	\$ 53.42	\$ 72.00	\$ 72.00
1,000 gals	\$ 0.81	\$ 0.13	\$ 0.19	\$ -	\$ -
Sewer					
Monthly	\$ 28.68	\$ 17.97	\$ 40.74	\$ -	\$ -
1,000 gals	\$ 0.65	\$ 0.06	\$ 0.14	\$ -	\$ -
Totals					
Monthly	\$ 72.10	\$ 57.66	\$ 94.16	\$ 72.00	\$ 72.00
1,000 gals	\$ 1.46	\$ 0.20	\$ 0.33	\$ -	\$ -
Water Reserves 2026					
Reserves	\$ 3,900,000.00	\$ 2,500,000.00	\$ 5,374,000.00		
CIP	\$ 313,000.00	\$ 387,000.00	\$ 550,000.00		
Sewer Reserves 2026					
Reserves	\$ 1,000,000.00	\$ 1,000,000.00	\$ 4,300,000.00	\$ -	\$ -
CIP	\$ 229,000.00	\$ 260,000.00	\$ 344,000.00	\$ -	\$ -
TOTAL RESERVES 2026					
Reserves	\$ 4,900,000.00	\$ 3,500,000.00	\$ 9,674,000.00		
CIP	\$ 542,000.00	\$ 647,000.00	\$ 894,000.00		
SAMPLE BILLING					
10,000 gals.	\$ 72.10	\$ 57.66	\$ 94.16	\$ 72.00	\$ 72.00
15,000 gals.	\$ 72.10	\$ 57.66	\$ 94.16	\$ 72.00	\$ 72.00
20,000 gals.	\$ 72.10	\$ 57.66	\$ 94.16	\$ 72.00	\$ 72.00
30,000 gals.	\$ 86.70	\$ 59.62	\$ 97.44	\$ 72.00	\$ 72.00
40,000 gals.	\$ 101.30	\$ 61.58	\$ 100.72	\$ 72.00	\$ 72.00
50,000 gals.	\$ 115.90	\$ 63.54	\$ 104.00	\$ 72.00	\$ 72.00
60,000 gals.	\$ 130.50	\$ 65.50	\$ 107.28	\$ 72.00	\$ 72.00
80,000 gals.	\$ 159.70	\$ 69.42	\$ 113.84	\$ 72.00	\$ 72.00
100,000 gals.	\$ 188.90	\$ 73.34	\$ 120.40	\$ 72.00	\$ 72.00

Additionally, Winter and Summer rates ought to be considered where Summer sewer rates would be based upon a non-bleeding Spring month to establish a base line permitting summer watering for landscaping purposes.

W.S. 15-7-407. Consumer rates; depreciation.

- (a) The board shall fix the rates for water, sanitary sewer services and electric service furnished to customers, and any revision thereof is subject to the local governing body's review, modification and approval. The rates shall secure an income sufficient to:
- (i) Pay the interest charges and principal payments on all bonds issued to pay the purchase price, construction cost, extensions and enlargements of the respective systems as they are due;
 - (ii) Pay all salaries and wages of the officers and employees;
 - (iii) Cover the cost of all materials and supplies used in the operation of the plants;
 - (iv) Cover all miscellaneous expenses;
 - (v) Cover all usual extensions and enlargements, together with a reasonable allowance for emergency and unforeseen expenses; and
 - (vi) Provide and maintain a depreciation fund for each department.
- (b) The board shall account for the depreciation of the water plant and of the sanitary sewer system, including sewage disposal plant or plants, using rates of depreciation approved by the board and the local governing body. The depreciation fund shall be used only to pay for replacements and additions to the waterworks, sanitary sewer systems and sewage disposal plants. Replacements and additions shall be capitalized and the capital value added to the value of the systems to establish the value of the plants for depreciation purposes. The local governing body may by ordinance fix special rates for water, electric or sanitary sewer services furnished to the governing body of the city or town for public purposes, or to organized institutions of charity, or to any person who is eligible for assistance under W.S. 39-11-109(c)(ii) through (vii).

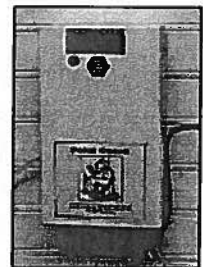
W.S. 15-7-508. Rates; general; amounts; special.

- (a) Any city or town borrowing money or receiving grants and improving, constructing or acquiring and improving a sewerage system, shall collect a charge from the users of the system at a rate sufficient to:
- (i) Pay the cost of operating and maintaining the system;
 - (ii) Provide an adequate depreciation fund;
 - (iii) Pay the principal and interest on the bonds issued; and
 - (iv) Repay grants.
- (b) Any city or town owning and operating a sewerage system constructed or acquired under the provisions of any law may provide by ordinance that the users of the system pay a service rate sufficient to pay the cost of operating and maintaining the system and to provide an adequate depreciation fund.
- (c) Any city or town may fix special rates as provided in W.S. 15-7-407.

Polar Guard

The POLAR GUARD is a computerized bleeder that saves water because it only bleeds when there is a need. Municipal pilot projects in Canada and Colorado have verified water savings of more than 85%. Each Polar Guard water bleeder package includes:

- Automatic waterline temperature monitoring with a Thermistor sensor
- A programmable circuit board
- A 2w solenoid valve
- 12 V DC-500 mA plug in transformer
- Power outage protection included



One proposed solution is to offer citizens a \$700-\$1,000 credit on their utility bills allowing them to purchase and install the Polar Guard accompanied by a local bank's offer to finance said purchase.

Approved Expenses FY 2017

SEWER			WATER		
52-434-0050	SALARIES-WAGES-COMPENSATION	\$ 148,710.00	51-433-0050	SALARIES-WAGES-COMPENSATION	\$ 168,870.00
52-434-0070	PAYROLL TAXES-FICA	\$ 11,870.00	51-433-0070	PAYROLL TAXES-FICA	\$ 13,980.00
52-434-0071	PAYROLL TAXES-UNEMPLOYMENT	\$ 3,840.00	51-433-0071	PAYROLL TAXES-UNEMPLOYMENT	\$ 4,460.00
52-434-0072	PAYROLL TAXES-WORKERS COMP	\$ 4,950.00	51-433-0072	PAYROLL TAXES-WORKERS COMP	\$ 5,820.00
52-434-0075	EMPLOYEE BENEFITS-HEALTH INS	\$ 41,540.00	51-433-0075	EMPLOYEE BENEFITS-HEALTH INS	\$ 49,760.00
52-434-0077	EMPLOYEE BENEFITS-RETIREMENT	\$ 17,630.00	51-433-0077	EMPLOYEE BENEFITS-RETIREMENT	\$ 19,980.00
52-434-0090	OVERTIME	\$ 3,000.00	51-433-0090	OVERTIME	\$ 3,000.00
52-434-0100	EDUCATIONAL BONUSES	\$ 3,000.00	51-433-0100	EDUCATIONAL BONUSES	\$ 6,000.00
52-434-0250	INSURANCE - SEWER	\$ 8,100.00	51-433-0170	LEGAL SERVICES - WATER	\$ -
52-434-0290	OFFICE SUPPLIES & POSTAGE -SWR	\$ 500.00	51-433-0250	INSURANCE - WATER	\$ 4,500.00
52-434-0320	MISC EXPENSE	\$ 500.00	51-433-0290	OFFICE SUPPLIES & POSTAGE	\$ 500.00
52-434-0370	TRAINING & MEMBERSHIPS	\$ 2,000.00	51-433-0370	TRAINING & MEMBERSHIPS	\$ 2,000.00
52-434-0375	TRAVEL FOR TRAINING & MTNGS	\$ 500.00	51-433-0375	TRAVEL FOR TRAINING & MTNGS	\$ 500.00
52-434-0480	CONTRACT BILLING SERVICE	\$ 3,000.00	51-433-0480	CONTRACT BILLING SERVICE	\$ 3,000.00
52-434-1170	ENGINEERING	\$ 7,500.00	51-433-1170	ENGINEERING - MISC	\$ 10,000.00
52-434-1490	FUEL	\$ 5,000.00	51-433-1490	FUEL	\$ 10,000.00
52-434-1610	UTILITIES-CELL PHONES	\$ 1,000.00	51-433-1610	UTILITIES-CELL PHONES	\$ 1,000.00
52-434-1611	UTILITIES-ELECTRICITY	\$ 37,000.00	51-433-1611	UTILITIES-ELECTRICITY	\$ 25,000.00
52-434-1612	UTILITIES-INTERNET	\$ -	51-433-1613	UTILITIES-NATURAL GAS	\$ 5,000.00
52-434-1617	UTILITIES-TRASH REMOVAL	\$ 2,200.00	51-433-1614	UTILITIES-SECURITY	\$ -
52-434-1620	UTILITIES - LIFT STATION	\$ 1,000.00	51-433-1615	UTILITIES-SEWER	\$ -
52-434-1730	SEWER TESTING	\$ 12,000.00	51-433-1616	UTILITIES-TELEPHONE	\$ 2,000.00
52-434-1790	CHEMICALS	\$ 38,000.00	51-433-1730	WATER TESTING	\$ 30,000.00
52-434-1930	CLEANING OPERATIONS	\$ 2,500.00	51-433-1790	CHEMICALS	\$ 22,000.00
52-434-1970	LAGOON OPERATIONS	\$ 7,500.00	51-433-5010	REPAIRS & MAINTENANCE	\$ 75,000.00
52-434-5010	REPAIRS & MAINTENANCE	\$ 40,000.00	51-433-5020	UNDER \$5K CAPITAL OUTLAY	\$ 5,000.00
52-434-5030	OVER \$5K PROJECT	\$ -	51-433-5030	CAPITAL OUTLAY OVER \$5K	\$ 15,000.00
52-434-8100	DEPRECIATION RESERVES	\$ 100,000.00	51-433-8100	DEPRECIATION RESERVES	\$ 250,000.00
TOTAL		\$ 502,840.00	TOTAL		\$ 732,370.00

