**FUND: Water and Sewer Fund** 

**DEPARTMENT: Water and Sewer Plant and Field Operations** 

# **Description and Responsibilities**

The Public Works and Utilities Department is responsible for the operation of a Water Treatment Plant, the operation and maintenance of the water distribution system, the operation of a Wastewater Treatment Plant, and the operation and maintenance of both the distribution and collection systems.

## Water Plant

The 1.000 million gallons per day (MGD) Water Treatment Plant (expandable to 2.000 MGD) was constructed in 1978 and receives water from the Town's 45-47 million-gallon pond on Brickhouse Creek, with Chetola Lake having the capability to serve as a backup water source during times of drought. In addition, in 2008, the Town executed a water agreement with the Town of Boone for water system interconnection that can be used in emergency situations. The interconnection project was completed in 2011 and allows water to be transferred between Blowing Rock, Boone and Appalachian State University water systems.

The Blowing Rock Water Plant is located along U.S. Highway 321 just south of the Blue Ridge Parkway. The facility is a traditional treatment process including alum addition, flocculation, disinfection, settling and filtration. Corrosion control is also utilized prior to distribution to the residents using orthophosphate.

The Town's service area is predominantly south of the Water Treatment Plant. Finished water is pumped to a high elevation, and then allowed to gravity feed into the service area. The Green Hill tank, capacity 3.000 MGD, is the means of control at the highest point of the system. A number of pressure reducing valves have been placed in the system to control pressures for the residents.

#### Wastewater Treatment Plant

The Town of Blowing Rock operates a Wastewater Treatment Plant very near the Water Treatment Plant and utilizes a discharge to the Middle Fork of the New River. The plant is rated for capacity of 0.800 MGD, but could be expanded to a service capacity of 1.200 MGD. The original plant was constructed in 1960, expanded in 1989, and refurbished in 2013. The facility is fed by four (4) sewer system lift stations that handle the wastewater generated by the community. The facility is of concrete construction and is set up for extended aeration treatment. The plant operators sample the water discharge everyday and also send samples out three times per week to an independent testing lab to ensure environmental compliance.

### Water & Sewer Field Operations Division

The Field Operations division is responsible for all water and sewer taps, leak repair and water line installation. This department is also responsible for all water meter reading in the town on a bi-monthly basis. In addition, this department maintains the water distribution system and the wastewater collection system.

There are approximately 2,186 water meters and 1,745 sewer taps in the system. The water distribution system consists of approximately 22.02 miles of lines. The wastewater collection system consists of approximately 16.07 miles of gravity sewer lines and 3.59 miles of pressure sewer. There are five (5) wastewater lift-stations: Mayview, Chetola, Grandfather (in Chestnut Village), Chestnut Ridge and Quail Hollow.

# Staffing and Schedules

A Utility Plant Supervisor and four Utility Plant Operators are assigned to the Water Plant and Wastewater Plant Divisions. The personnel work a varied schedule to meet the service demands of the utility.

A Heavy Equipment Operator, a Light Equipment Operator and two (2) Equipment Operator II's are assigned to the Water & Sewer - Field Operations Division. The division uses other employees, as needed, for the reading of water meters. The personnel work a standard 40-hour week schedule and are on call for emergency repairs.

# **Measures of Activity**

2018-2019 Wastewater Plant – Average Daily Flow

	2018	2019
Month	Average Daily	Average Daily
	(.800 MGD capacity)	(.800 MGD capacity)
January	.489	.377
February	.397	.303
March	.371	.237
April	.428	.303
May	.482	.309
June	.472	.506
July	.418	.291
August	.462	.296
September	.442	.225
October	.453	.289
November	.402	.303
December	.443	.267
Total Year	158.410 MG	112.64 MG
Daily Avg	.434	.303
	l .	

2018-2019 Water Plant - Total Water Treated

	2018	2019
Month	Average Daily Water Treated (Million Gallons)	Average Daily Water Treated (Million Gallons)
January	.200	.470
February	.312	.358
March	.200	.303
April	.357	.349
May	.509	.458
June	.424	.485
July	.284	.494
August	.342	.539
September	.434	.524
October	.475	.473
November	.308	.408
December	.513	.420
Monthly Avg	11.19	11.28
Daily Avg	.368	.440

WATER AND SEWER FUND
DESCRIPTION: WATER AND SEWER EXPENDITURES
CODE: 30-91-7120

19,863   15,000   13,000   13,000   13,000   15,000   15,000   16,000   1	ACCOUNT NUMBER		2017-18 Actual	2018-19 Actual	2019-20 Adopted	2020-21 Adopted
Salaries   229,473   233,700   242,389   244,31   300   240,000	Plant Opera	ations 7120				
19,863   15,000   13,000   13,000   13,000   15,000   15,000   16,000   1			229,473	233,700	242,369	244,31
FICA Expense	003			,		13,00
1006   Group Insurance						- ,
Marting						
Personnel Subtotal   33,082   34,420   38,995   42,86     Personnel Subtotal   340,432   348,081   364,138   367,73     Telephone   2,707   700   3,500   6,00     101   Telephone   127,311   145,000   127,527   115,00     101   Telephone   2,707   700   3,500   6,00     101   Telephone   647   3,500   2,500   2,50     101   Maintenance/Repair-Equip   32,354   30,000   24,000   24,000     101   Maintenance/Repair-Equip   32,354   30,000   24,000   21,00     103   Gasoline   41,55   3,500   5,000   6,00     103   Materials and Supplies   44,051   25,000   22,500   22,500     103   Materials and Supplies   44,051   25,000   22,500   22,500     103   Sludge Processing   70,913   49,000   44,143   44,14     104   Mindra   2,100   3,000   2,500   3,500     103   Uniforms   2,100   3,000   2,500   3,500     105   Miscellaneous   1,099   500   5,500   3,500     105   Miscellaneous   1,099   500   5,500   3,500     104   Lab Contract   23,459   24,000   23,000   23,000     104   Lab Contract   23,459   24,000   30,000   23,000     105   Tennicials   27,655   40,000   33,000   33,000     106   Operating & Maint. Subtotal   334,700   328,450   302,670   309,64     105   Transfer to Capital Projects   3,529   11,765   77,694   87,27      SUBTOTAL - PLANT OPERATIONS   712,625   943,296   814,502   764,66      Field Operations   7120   71,000   70,000						
Personnel Subtotal 340,432 348,081 364,138 367,73  1011 Telephone 2,707 700 3,500 6,00 1013 Utilities 127,311 145,000 127,527 115,00 1014 Employee Development 647 3,500 2,500 2,500 1016 Maintenance/Repair-Equip 32,384 30,000 24,000 24,000 1017 Maintenance/Repair-Equip Service Contracts 6,000 21,000 1017 Maintenance/Repair-Equip Service Contracts 6,000 21,000 1018 Gasoline 4,155 3,500 5,000 22,500 22,500 1023 Materials and Supplies 40,651 25,000 22,500 22,500 1033 Materials and Supplies 70,913 49,000 44,143 44,14 1036 Uniforms 2,100 3,000 2,500 3,50 1057 Miscellaneous 1,999 500 5,500 5,500 1057 Miscellaneous 1,999 500 5,500 5,500 1057 Miscellaneous 1,999 500 5,500 5,500 1058 Permits & Dues 1,650 4,255 3,500 3330 3330 Operating & Maint. Subtotal 334,700 328,455 302,677 309,64 1 Lab Contract 23,459 24,000 33,000 33,000 33,000 Operating & Maint. Subtotal 334,700 328,455 302,677 309,64 1 Lab Contract 23,459 42,000 33,000 33,000 33,000 Operating & Maint. Subtotal 334,700 328,455 302,677 309,64 1 Lab Contract 23,459 42,000 33,000 33,000 33,000 Operating & Maint. Subtotal 334,700 328,455 302,677 309,64 1 Lab Contract 2,700 30,645 250,000 70,000 Capital Outlay 33,964 255,000 70,000 Capital Subtotal 33,964 255,000 70,000 Capital Subtotal 33,964 255,000 70,000 10,000	007					12,866
Telephone	800		,			42,869
Utilities		Personnel Subtotal	340,432	348,081	364,138	367,73
1014						6,000
1014	013	Utilities	127,311	145,000	127,527	115,000
Maintenance/Repair-Equip   32,354   30,000   24,000   24,000   24,000   107   Maintenance/Repair-Equip   Service Contracts   6,000   21,000   21,000   23,003   Materials and Supplies   41,655   3,500   22,050   22,003   24,003   25,00	014				, -	2,500
Maintenance/Repair-Equip- Service Contracts   -   -   -					,	
Gasoline						
Materials and Supplies   40,651   25,000   22,500   22,500   22,500   23,000   24,1143   44,114   344,114   364   Uniforms   2,100   3,000   2,500   3,50						
Sludge Processing   70.913	031					6,000
Sludge Processing   70,913						22,500
Uniforms	034					44,14
DEST   New Permits & Dues   1,650   4,250   3,500   3,50						3,500
1,099   5,00   5,50   5,50   104   Lab Contract   23,459   24,000   23,000   23,000   33,00   333   Chemicals   27,655   40,000   33,000   33,00   34,00   328,450   302,670   309,64   500						
Lab Contract   23,459   24,000   23,000   23,000   330   Operating & Maint. Subtotal   334,700   328,450   302,670   309,64   300   Capital Outlay   33,964   255,000   70,000   Capital Outlay   33,964   255,000   70,000   Capital Subtotal   34,502   764,66   Capital Subtotal   34,502   764,66   Capital Subtotal   34,502   764,66   Capital Subtotal   34,981   34,996   34,296   34,400   6,00   6						
Chemicals						
Operating & Maint. Subtotal   334,700   328,450   302,670   309,64						
Substitution	333					33,000
Transfer to Capital Projects   33,964   255,000   70,000		Operating & Maint. Subtotal	334,700	328,450	302,670	309,64
Capital Subtotal   33,964   255,000   70,000			33,964	255,000	70,000	-
Substitution   Subs	505		22.064	255 000	70,000	
SUBTOTAL - PLANT OPERATIONS   712,625   943,296   814,502   764,66		Capitai Subiotai	33,804	200,000	70,000	
Field Operations 7120	900	Debt Service	3,529	11,765	77,694	87,279
Field Operations 7120		SUBTOTAL - PLANT OPERATIONS	712,625	943,296	814,502	764,66
202   Salaries   129,811   137,900   151,886   131,700   151,886   131,700   203   Overtime   5,129   8,000   4,000   6,00   On Call/Standby Pay   - 20,800   10,000   10,000   205   FICA Expense   10,436   12,753   12,690   11,29   206   Group Insurance   23,477   27,500   30,525   29,00   207   401K   7,014   8,335   8,294   7,38   208   Retirement   19,065   23,071   25,331   24,60   Personnel Subtotal   194,932   238,359   242,727   219,99   211   Telephone						
203         Overtime On Call/Standby Pay         5,129         8,000         4,000         6,00           205         FICA Expense         10,436         12,753         12,690         11,29           206         Group Insurance         23,477         27,500         30,525         29,00           207         401K         7,014         8,335         8,294         7,38           208         Retirement         19,065         23,071         25,331         24,60           Personnel Subtotal         194,932         238,359         242,727         219,99           211         Telephone         -         -         -         -           213         Utilities         -         -         -         -           214         Employee Development         2,628         3,000         3,000         2,00           216         Maintenance/Repair-Equip         3,607         10,000         7,000         10,00           217         Maintenance/Repair-Lift Station         -         15,000         13,000         13,00           231         Diesel/Gasoline         8,248         7,500         9,000         8,00           233         Materials and Supplies         85,335 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>						
203         Overtime On Call/Standby Pay         5,129         8,000         4,000         6,00           205         FICA Expense         10,436         12,753         12,690         11,29           206         Group Insurance         23,477         27,500         30,525         29,00           207         401K         7,014         8,335         8,294         7,38           208         Retirement         19,065         23,071         25,331         24,60           Personnel Subtotal         194,932         238,359         242,727         219,99           211         Telephone         -         -         -         -           213         Utilities         -         -         -         -           214         Employee Development         2,628         3,000         3,000         2,00           216         Maintenance/Repair-Equip         3,607         10,000         7,000         10,00           217         Maintenance/Repair-Lift Station         -         15,000         13,000         13,00           231         Diesel/Gasoline         8,248         7,500         9,000         8,00           233         Materials and Supplies         85,335 <td>Field Opera</td> <td>ations 7120</td> <td></td> <td></td> <td></td> <td></td>	Field Opera	ations 7120				
On Call/Standby Pay         -         20,800         10,000         10,000           205         FICA Expense         10,436         12,753         12,690         11,29           206         Group Insurance         23,477         27,500         30,525         29,00           207         401K         7,014         8,335         8,294         7,38           208         Retirement         19,065         23,071         25,331         24,60           Personnel Subtotal         194,932         238,359         242,727         219,99           211         Telephone         - <td< td=""><td>-</td><td></td><td>129,811</td><td>137,900</td><td>151,886</td><td>131,70</td></td<>	-		129,811	137,900	151,886	131,70
205         FICA Expense         10,436         12,753         12,690         11,29           206         Group Insurance         23,477         27,500         30,525         29,00           207         401K         7,014         8,335         8,294         7,38           208         Retirement         19,065         23,071         25,331         24,60           Personnel Subtotal         194,932         238,359         242,727         219,99           211         Telephone         -	202	Salaries				131,70 <u>:</u> 6.00
206         Group Insurance         23,477         27,500         30,525         29,00           207         401K         7,014         8,335         8,294         7,38           208         Retirement         19,065         23,071         25,331         24,60           Personnel Subtotal         194,932         238,359         242,727         219,99           211         Telephone         -         -         -         -           213         Utilities         -         -         -         -         -           214         Employee Development         2,628         3,000         3,000         2,00           216         Maintenance/Repair-Equip         3,607         10,000         7,000         10,00           217         Maintenance/Repair-Lift Station         -         15,000         13,000         13,00           231         Diesel/Gasoline         8,248         7,500         9,000         8,00           233         Materials and Supplies         85,335         80,000         70,000         75,00           235         Safety Supplies         506         3,000         1,800         1,80           257         Miscellaneous         6,81	202	Salaries Overtime	5,129	8,000	4,000	6,000
207         401K         7,014         8,335         8,294         7,38           208         Retirement         19,065         23,071         25,331         24,60           Personnel Subtotal         194,932         238,359         242,727         219,99           211         Telephone         -	202 203	Salaries Overtime On Call/Standby Pay	5,129	8,000 20,800	4,000 10,000	6,000 10,000
208         Retirement         19,065         23,071         25,331         24,60           Personnel Subtotal         194,932         238,359         242,727         219,99           211         Telephone         -         -         -         -           213         Utilities         -         -         -         -           214         Employee Development         2,628         3,000         3,000         2,00           216         Maintenance/Repair-Equip         3,607         10,000         7,000         10,00           217         Maintenance/Repair-Lift Station         -         15,000         13,000         13,00           231         Diesel/Gasoline         8,248         7,500         9,000         8,00           233         Materials and Supplies         85,335         80,000         70,000         75,00           235         Safety Supplies         506         3,000         1,800         1,80           236         Uniforms         7,664         3,500         2,500         2,50           257         Miscellaneous         6,810         3,000         2,000         2,00           257         Miscellaneous         6,810         3,	202 203 205	Salaries Overtime On Call/Standby Pay FICA Expense	5,129 - 10,436	8,000 20,800 12,753	4,000 10,000 12,690	6,000 10,000 11,299
Personnel Subtotal	202 203 205 206	Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance	5,129 - 10,436	8,000 20,800 12,753	4,000 10,000 12,690	6,000 10,000
Telephone	202 203 205 206	Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance	5,129 - 10,436 23,477	8,000 20,800 12,753 27,500	4,000 10,000 12,690 30,525	6,000 10,000 11,299
213         Utilities         -         0         -         0         -         0         0         0         0         10,00         13,000         13,000         13,000         13,000         13,000         236,000         70,000         75,000         250         <	202 203 205 206 207	Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance 401K	5,129 - 10,436 23,477 7,014	8,000 20,800 12,753 27,500 8,335	4,000 10,000 12,690 30,525 8,294	6,000 10,000 11,299 29,000
214         Employee Development         2,628         3,000         3,000         2,00           216         Maintenance/Repair-Equip         3,607         10,000         7,000         10,00           217         Maintenance/Repair-Lift Station         -         15,000         13,000         13,000           231         Diesel/Casoline         8,248         7,500         9,000         8,00           233         Materials and Supplies         85,335         80,000         70,000         75,00           235         Safety Supplies         506         3,000         1,800         1,80           236         Uniforms         7,664         3,500         2,500         2,50           257         Miscellaneous         6,810         3,000         2,000         2,00           250         Operating & Maint. Subtotal         114,797         125,000         108,300         114,30           502         Capital Outlay         -         -         -         56,000         -           503         Water Line Replacements/Repairs- Reserve         -         -         20,000         10,00           504         Sewer Line I&I Replacements/Repairs- Reserv         -         -         -         2	202 203 205 206 207	Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance 401K Retirement	5,129 - 10,436 23,477 7,014 19,065	8,000 20,800 12,753 27,500 8,335 23,071	4,000 10,000 12,690 30,525 8,294 25,331	6,000 10,000 11,299 29,000 7,389
216         Maintenance/Repair-Equip         3,607         10,000         7,000         10,00           217         Maintenance/Repair-Lift Station         -         15,000         13,000         13,00           231         Diesel/Gasoline         8,248         7,500         9,000         8,00           233         Materials and Supplies         85,335         80,000         70,000         75,00           235         Safety Supplies         506         3,000         1,800         1,80           236         Uniforms         7,664         3,500         2,500         2,50           257         Miscellaneous         6,810         3,000         2,000         2,00           257         Miscellaneous         6,810         3,000         2,000         2,00           502         Capital Outlay         -         -         -         56,000         -           503         Water Line Replacements/Repairs- Reserve         -         -         20,000         10,00           504         Sewer Line I&I Replacements/Repairs- Reserv         -         -         20,000         10,00           505         Transfer to Capital Projects         -         -         -         96,000 <t< td=""><td>202 203 205 206 207 208</td><td>Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance 401K Retirement Personnel Subtotal</td><td>5,129 - 10,436 23,477 7,014 19,065</td><td>8,000 20,800 12,753 27,500 8,335 23,071 238,359</td><td>4,000 10,000 12,690 30,525 8,294 25,331 242,727</td><td>6,000 10,000 11,299 29,000 7,388 24,608</td></t<>	202 203 205 206 207 208	Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance 401K Retirement Personnel Subtotal	5,129 - 10,436 23,477 7,014 19,065	8,000 20,800 12,753 27,500 8,335 23,071 238,359	4,000 10,000 12,690 30,525 8,294 25,331 242,727	6,000 10,000 11,299 29,000 7,388 24,608
216         Maintenance/Repair-Equip         3,607         10,000         7,000         10,00           217         Maintenance/Repair-Lift Station         -         15,000         13,000         13,00           231         Diesel/Gasoline         8,248         7,500         9,000         8,00           233         Materials and Supplies         85,335         80,000         70,000         75,00           235         Safety Supplies         506         3,000         1,800         1,80           236         Uniforms         7,664         3,500         2,500         2,50           257         Miscellaneous         6,810         3,000         2,000         2,00           257         Miscellaneous         6,810         3,000         2,000         2,00           502         Capital Outlay         -         -         -         56,000         -           503         Water Line Replacements/Repairs- Reserve         -         -         20,000         10,00           504         Sewer Line I&I Replacements/Repairs- Reserv         -         -         20,000         10,00           505         Transfer to Capital Projects         -         -         -         96,000 <t< td=""><td>202 203 205 206 207 208</td><td>Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance 401K Retirement Personnel Subtotal Telephone</td><td>5,129 - 10,436 23,477 7,014 19,065</td><td>8,000 20,800 12,753 27,500 8,335 23,071 238,359</td><td>4,000 10,000 12,690 30,525 8,294 25,331 242,727</td><td>6,000 10,000 11,299 29,000 7,388 24,608</td></t<>	202 203 205 206 207 208	Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance 401K Retirement Personnel Subtotal Telephone	5,129 - 10,436 23,477 7,014 19,065	8,000 20,800 12,753 27,500 8,335 23,071 238,359	4,000 10,000 12,690 30,525 8,294 25,331 242,727	6,000 10,000 11,299 29,000 7,388 24,608
217         Maintenance/Repair-Lift Station         -         15,000         13,000         13,000           231         Diesel/Gasoline         8,248         7,500         9,000         8,00           233         Materials and Supplies         85,335         80,000         70,000         75,00           235         Safety Supplies         506         3,000         1,800         1,80           236         Uniforms         7,664         3,500         2,500         2,50           257         Miscellaneous         6,810         3,000         2,000         2,00           Operating & Maint. Subtotal         114,797         125,000         108,300         114,30           502         Capital Outlay         -         -         -         56,000         -           503         Water Line Replacements/Repairs- Reserve         -         -         20,000         10,00           504         Sewer Line I&I Replacements/Repairs- Reserv         -         -         20,000         10,00           505         Transfer to Capital Projects         -         -         -         96,000         20,00	202 203 205 206 207 208 211 213	Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance 401K Retirement Personnel Subtotal  Telephone Utilities	5,129 - 10,436 23,477 7,014 19,065 194,932	8,000 20,800 12,753 27,500 8,335 23,071 238,359	4,000 10,000 12,690 30,525 8,294 25,331 242,727	6,000 10,000 11,299 29,000 7,389 24,600 219,99
231         Diesel/Gasoline         8,248         7,500         9,000         8,00           233         Materials and Supplies         85,335         80,000         70,000         75,00           235         Safety Supplies         506         3,000         1,800         1,80           236         Uniforms         7,664         3,500         2,500         2,50           257         Miscellaneous         6,810         3,000         2,000         2,00           Operating & Maint. Subtotal         114,797         125,000         108,300         114,30           502         Capital Outlay         -         -         -         56,000         -           503         Water Line Replacements/Repairs- Reserve         -         -         20,000         10,00           504         Sewer Line I&I Replacements/Repairs- Reserv         -         -         20,000         10,00           505         Transfer to Capital Projects         -         -         -         96,000         20,00           Capital Subtotal         -         -         -         96,000         20,00	202 203 205 206 207 208 211 213 214	Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance 401K Retirement Personnel Subtotal  Telephone Utilities Employee Development	5,129 - 10,436 23,477 7,014 19,065 194,932	8,000 20,800 12,753 27,500 8,335 23,071 238,359	4,000 10,000 12,690 30,525 8,294 25,331 242,727	6,000 10,000 11,299 29,000 7,38! 24,600 219,99
233         Materials and Supplies         85,335         80,000         70,000         75,00           235         Safety Supplies         506         3,000         1,800         1,80           236         Uniforms         7,664         3,500         2,500         2,50           257         Miscellaneous         6,810         3,000         2,000         2,00           Operating & Maint. Subtotal         114,797         125,000         108,300         114,30           502         Capital Outlay         -         -         -         56,000         -           503         Water Line Replacements/Repairs- Reserve         -         -         20,000         10,00           504         Sewer Line I&I Replacements/Repairs- Reserv         -         -         20,000         10,00           505         Transfer to Capital Projects         -         -         -         96,000         20,00	202 203 205 206 207 208 211 213 214 216	Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance 401K Retirement Personnel Subtotal  Telephone Utilities Employee Development Maintenance/Repair-Equip	5,129 - 10,436 23,477 7,014 19,065 194,932 2,628 3,607	8,000 20,800 12,753 27,500 8,335 23,071 238,359	4,000 10,000 12,690 30,525 8,294 25,331 242,727	6,000 10,000 11,29; 29,000 7,38; 24,600 219,99; - - 2,000 10,000
235         Safety Supplies         506         3,000         1,800         1,80           236         Uniforms         7,664         3,500         2,500         2,50           257         Miscellaneous         6,810         3,000         2,000         2,00           Operating & Maint. Subtotal         114,797         125,000         108,300         114,30           502         Capital Outlay         -         -         -         56,000         -           503         Water Line Replacements/Repairs- Reserve         -         -         20,000         10,00           504         Sewer Line I&I Replacements/Repairs- Reserv         -         -         20,000         10,00           505         Transfer to Capital Projects         -         -         -         96,000         20,00	202 203 205 206 207 208 211 213 214 216 217	Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance 401K Retirement Personnel Subtotal  Telephone Utilities Employee Development Maintenance/Repair-Equip Maintenance/Repair-Lift Station	5,129 - 10,436 23,477 7,014 19,065 194,932 2,628 3,607	8,000 20,800 12,753 27,500 8,335 23,071 238,359 - - 3,000 10,000 15,000	4,000 10,000 12,690 30,525 8,294 25,331 242,727	6,000 10,000 11,299 29,000 7,380 24,600 219,99'
236         Uniforms         7,664         3,500         2,500         2,50           257         Miscellaneous         6,810         3,000         2,000         2,00           Operating & Maint. Subtotal         114,797         125,000         108,300         114,30           502         Capital Outlay         -         -         -         56,000         -           503         Water Line Replacements/Repairs- Reserve         -         -         20,000         10,00           504         Sewer Line I&I Replacements/Repairs- Reserv         -         -         20,000         10,00           505         Transfer to Capital Projects         -         -         96,000         20,00           Capital Subtotal         -         -         96,000         20,00	202 203 205 206 207 208 211 213 214 216 217 231	Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance 401K Retirement Personnel Subtotal  Telephone Utilities Employee Development Maintenance/Repair-Equip Maintenance/Repair-Lift Station Diesel/Gasoline	5,129 - 10,436 23,477 7,014 19,065 194,932 2,628 3,607 - 8,248	8,000 20,800 12,753 27,500 8,335 23,071 238,359 - - - 3,000 10,000 15,000 7,500	4,000 10,000 12,690 30,525 8,294 25,331 242,727 - - 3,000 7,000 13,000 9,000	6,00 10,00 11,29 29,00 7,38 24,60 219,99 - - 2,00 10,00 13,00 8,00
257         Miscellaneous         6,810         3,000         2,000         2,000           Operating & Maint. Subtotal         114,797         125,000         108,300         114,30           502         Capital Outlay         -         -         -         56,000         -           503         Water Line Replacements/Repairs- Reserve         -         -         20,000         10,00           504         Sewer Line I&I Replacements/Repairs- Reserv         -         -         20,000         10,00           505         Transfer to Capital Projects         -         -         -         96,000         20,00           Capital Subtotal         -         -         96,000         20,00	202 203 205 206 207 208 211 213 214 216 217 231 233	Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance 401K Retirement Personnel Subtotal  Telephone Utilities Employee Development Maintenance/Repair-Equip Maintenance/Repair-Lift Station Diesel/Gasoline Materials and Supplies	5,129 - 10,436 23,477 7,014 19,065 194,932 2,628 3,607 - 8,248 85,335	8,000 20,800 12,753 27,500 8,335 23,071 238,359 - - 3,000 10,000 15,000 7,500 80,000	4,000 10,000 12,690 30,525 8,294 25,331 242,727 - 3,000 7,000 13,000 9,000 70,000	6,00 10,00 11,29 29,00 7,38 24,60 219,99 - - 2,00 10,00 13,00 8,00 75,00
257         Miscellaneous         6,810         3,000         2,000         2,000           Operating & Maint. Subtotal         114,797         125,000         108,300         114,30           502         Capital Outlay         -         -         -         56,000         -           503         Water Line Replacements/Repairs- Reserve         -         -         20,000         10,00           504         Sewer Line I&I Replacements/Repairs- Reserv         -         -         20,000         10,00           505         Transfer to Capital Projects         -         -         -         96,000         20,00           Capital Subtotal         -         -         96,000         20,00	202 203 205 206 207 208 211 213 214 216 217 231 233	Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance 401K Retirement Personnel Subtotal  Telephone Utilities Employee Development Maintenance/Repair-Equip Maintenance/Repair-Lift Station Diesel/Gasoline Materials and Supplies Safety Supplies	5,129 - 10,436 23,477 7,014 19,065 194,932 2,628 3,607 - 8,248 85,335	8,000 20,800 12,753 27,500 8,335 23,071 238,359 - - 3,000 10,000 15,000 7,500 80,000	4,000 10,000 12,690 30,525 8,294 25,331 242,727 - 3,000 7,000 13,000 9,000 70,000	6,00 10,00 11,29 29,00 7,38 24,60 219,99 - - 2,00 10,00 13,00 8,00 75,00
Operating & Maint. Subtotal   114,797   125,000   108,300   114,300	202 203 205 206 207 208 211 213 214 216 217 231 233 235	Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance 401K Retirement Personnel Subtotal  Telephone Utilities Employee Development Maintenance/Repair-Equip Maintenance/Repair-Lift Station Diesel/Gasoline Materials and Supplies Safety Supplies	5,129 - 10,436 23,477 7,014 19,065 194,932 2,628 3,607 - 8,248 85,335 506	8,000 20,800 12,753 27,500 8,335 23,071 238,359 - - 3,000 10,000 15,000 7,500 80,000 3,000	4,000 10,000 12,690 30,525 8,294 25,331 242,727 - 3,000 7,000 13,000 9,000 70,000 1,800	6,00 10,00 11,29 29,00 7,38 24,60 219,99 - - 2,00 10,00 13,00 8,00 75,00 1,80
503         Water Line Replacements/Repairs- Reserve         -         -         20,000         10,00           504         Sewer Line I&I Replacements/Repairs- Reserv         -         -         20,000         10,00           505         Transfer to Capital Projects         -         -         -         -           Capital Subtotal         -         -         96,000         20,00	202 203 205 206 207 208 211 213 214 216 217 231 233 235 236	Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance 401K Retirement Personnel Subtotal  Telephone Utilities Employee Development Maintenance/Repair-Equip Maintenance/Repair-Lift Station Diesel/Gasoline Materials and Supplies Safety Supplies Uniforms	5,129 - 10,436 23,477 7,014 19,065 194,932 2,628 3,607 - 8,248 85,335 506 7,664	8,000 20,800 12,753 27,500 8,335 23,071 238,359 - - 3,000 10,000 15,000 7,500 80,000 3,000 3,500	4,000 10,000 12,690 30,525 8,294 25,331 242,727 - 3,000 7,000 13,000 9,000 70,000 1,800 2,500	6,00 10,00 11,29 29,00 7,38 24,60 219,99 - - 2,00 10,00 13,00 8,00 75,00 1,80 2,50
503         Water Line Replacements/Repairs- Reserve         -         -         20,000         10,00           504         Sewer Line I&I Replacements/Repairs- Reserv         -         -         20,000         10,00           505         Transfer to Capital Projects         -         -         -         -           Capital Subtotal         -         -         96,000         20,00	202 203 205 206 207 208 211 213 214 216 217 231 233 235 236	Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance 401K Retirement Personnel Subtotal  Telephone Utilities Employee Development Maintenance/Repair-Equip Maintenance/Repair-Lift Station Diesel/Gasoline Materials and Supplies Safety Supplies Uniforms Miscellaneous	5,129 - 10,436 23,477 7,014 19,065 194,932 2,628 3,607 - 8,248 85,335 506 7,664 6,810	8,000 20,800 12,753 27,500 8,335 23,071 238,359 - 3,000 10,000 15,000 7,500 80,000 3,000 3,500 3,000	4,000 10,000 12,690 30,525 8,294 25,331 242,727 - 3,000 7,000 13,000 9,000 70,000 1,800 2,500 2,000	6,00 10,00 11,29 29,00 7,38 24,60 219,99 - 2,00 10,00 13,00 75,00 1,80 2,50 2,00
504         Sewer Line I&I Replacements/Repairs- Reserv         -         -         20,000         10,00           505         Transfer to Capital Projects         -         -         -         -           Capital Subtotal         -         -         96,000         20,00	202 203 205 206 207 208 211 213 214 216 217 231 233 235 236 257	Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance 401K Retirement Personnel Subtotal  Telephone Utilities Employee Development Maintenance/Repair-Equip Maintenance/Repair-Lift Station Diesel/Gasoline Materials and Supplies Safety Supplies Uniforms Miscellaneous Operating & Maint. Subtotal	5,129 - 10,436 23,477 7,014 19,065 194,932 2,628 3,607 - 8,248 85,335 506 7,664 6,810	8,000 20,800 12,753 27,500 8,335 23,071 238,359 - 3,000 10,000 15,000 7,500 80,000 3,000 3,500 3,000	4,000 10,000 12,690 30,525 8,294 25,331 242,727  - 3,000 7,000 13,000 9,000 70,000 1,800 2,500 2,000 108,300	6,00 10,00 11,29 29,00 7,38 24,60 219,99 - 2,00 10,00 13,00 75,00 1,80 2,50 2,00
505         Transfer to Capital Projects         -         -         -         -         96,000         20,00           Capital Subtotal         -         -         96,000         20,00	202 203 205 206 207 208 211 213 214 216 217 231 233 235 236 257	Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance 401K Retirement Personnel Subtotal  Telephone Utilities Employee Development Maintenance/Repair-Equip Maintenance/Repair-Lift Station Diesel/Gasoline Materials and Supplies Safety Supplies Uniforms Miscellaneous Operating & Maint. Subtotal  Capital Outlay	5,129 - 10,436 23,477 7,014 19,065 194,932 2,628 3,607 - 8,248 85,335 506 7,664 6,810	8,000 20,800 12,753 27,500 8,335 23,071 238,359 - 3,000 10,000 15,000 7,500 80,000 3,000 3,500 3,000	4,000 10,000 12,690 30,525 8,294 25,331 242,727 - 3,000 7,000 13,000 9,000 70,000 1,800 2,500 2,000 108,300	6,000 10,000 11,299 29,000 7,38i 24,600 219,99' - - 2,000 10,000 13,000 8,000 75,000 1,800 2,500 2,000
Capital Subtotal 96,000 20,00	202 203 205 206 207 208 211 213 214 216 217 231 233 235 257	Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance 401K Retirement Personnel Subtotal  Telephone Utilities Employee Development Maintenance/Repair-Equip Maintenance/Repair-Lift Station Diesel/Gasoline Materials and Supplies Safety Supplies Uniforms Miscellaneous Operating & Maint. Subtotal  Capital Outlay Water Line Replacements/Repairs- Reserve	5,129 - 10,436 23,477 7,014 19,065 194,932 2,628 3,607 - 8,248 85,335 506 7,664 6,810	8,000 20,800 12,753 27,500 8,335 23,071 238,359 - 3,000 10,000 15,000 7,500 80,000 3,000 3,500 3,000	4,000 10,000 12,690 30,525 8,294 25,331 242,727  - 3,000 7,000 13,000 9,000 70,000 1,800 2,500 2,000 108,300 56,000 20,000	6,000 10,000 11,299 29,000 7,38: 24,600 219,99 - - 2,000 10,000 13,000 75,000 1,800 2,500 114,300
	202 203 205 206 207 208 211 213 214 216 217 231 233 235 235 236 257	Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance 401K Retirement Personnel Subtotal  Telephone Utilities Employee Development Maintenance/Repair-Equip Maintenance/Repair-Lift Station Diesel/Gasoline Materials and Supplies Safety Supplies Uniforms Miscellaneous Operating & Maint. Subtotal  Capital Outlay Water Line Replacements/Repairs- Reserve Sewer Line 1&1 Replacements/Repairs- Reserve	5,129 - 10,436 23,477 7,014 19,065 194,932 2,628 3,607 - 8,248 85,335 506 7,664 6,810	8,000 20,800 12,753 27,500 8,335 23,071 238,359 - 3,000 10,000 15,000 7,500 80,000 3,000 3,500 3,000	4,000 10,000 12,690 30,525 8,294 25,331 242,727  - 3,000 7,000 13,000 9,000 70,000 1,800 2,500 2,000 108,300 56,000 20,000	6,00 10,00 11,29 29,00 7,38 24,60 219,99 - - 2,00 10,00 13,00 1,80 2,50 2,10 114,30
950 Debt Service 57,246 29,815 30,569 14,13	202 203 205 206 207 208 211 213 214 216 217 231 233 235 235 236 257	Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance 401K Retirement Personnel Subtotal  Telephone Utilities Employee Development Maintenance/Repair-Equip Maintenance/Repair-Lift Station Diesel/Casoline Materials and Supplies Safety Supplies Uniforms Miscellaneous Operating & Maint. Subtotal  Capital Outlay Water Line Replacements/Repairs- Reserve Sewer Line & Replacements/Repairs- Reserve Transfer to Capital Projects	5,129 -10,436 23,477 7,014 19,065 194,932 2,628 3,607 - 8,248 85,335 506 7,664 6,810 114,797	8,000 20,800 12,753 27,500 8,335 23,071 238,359  3,000 10,000 15,000 7,500 80,000 3,000 3,000 125,000	4,000 10,000 12,690 30,525 8,294 25,331 242,727  3,000 7,000 13,000 9,000 70,000 1,800 2,500 2,000 108,300 56,000 20,000	6,00 10,00 11,29 29,00 7,38 24,60 219,99 - - 2,00 10,00 13,00 8,00 75,00 1,80 2,50 2,00 114,30
	202 203 205 206 207 208 211 213 214 216 217 231 233 235 236 257 502 503 504 505	Salaries Overtime On Call/Standby Pay FICA Expense Group Insurance 401K Retirement Personnel Subtotal  Telephone Utilities Employee Development Maintenance/Repair-Equip Maintenance/Repair-Lift Station Diesel/Gasoline Materials and Supplies Safety Supplies Uniforms Miscellaneous Operating & Maint. Subtotal  Capital Outlay Water Line Replacements/Repairs- Reserve Sewer Line I&I Replacements/Repairs- Reserv Transfer to Capital Projects Capital Subtotal	5,129 - 10,436 23,477 7,014 19,065 194,932  2,628 3,607 - 8,248 85,335 506 7,664 6,810 114,797	8,000 20,800 12,753 27,500 8,335 23,071 238,359  - 3,000 10,000 15,000 7,500 80,000 3,000 3,500 3,000 125,000	4,000 10,000 12,690 30,525 8,294 25,331 242,727  - 3,000 7,000 13,000 9,000 70,000 1,800 2,500 2,000 108,300 56,000 20,000 96,000	6,00 10,00 11,29 29,00 7,38 24,60 219,99 - - 2,00 10,00 13,00 8,00 75,00 1,80 2,50 2,00 114,30

\$ Funds remianing at the end of the year in these areas to be transferred to cap	nital reserves

TOTAL EXPENDITURES	1,079,600	1,336,470	1,292,098	1,133,094
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