

Water Department
Department 41
Fiscal Year 2012 Expenditures Narrative

Personnel

4100-10.00 Personal Service – The proposed FY12 budget for Personal Service is **\$81,199**. This total assumes:

- Assumes a 2% annual increase
- 50% of Todd Blow's annual salary at \$52,530 = \$26,265
- 50% of Dan Protivansky's base salary at \$17.85/hr = \$18,564
- 50% of Tim Kingston's base salary at \$17.85/hr = \$18,564
- 50% of Emergency back-up operator base salary at \$17.00/hr = \$3,230
 - Assumes 380 hours per year for emergency/back-up services, no increase proposed
- Overtime for Dan at 10% (208 hours) plus 13 weekends at 6 hours per weekend = $[(\$26.78 * 208) + (\$26.78 * 78)] / 2 = \$3,830$
- Overtime for Tim at 10% (208 hours) plus 13 weekends at 6 hours per weekend = $[(\$26.78 * 208) + (\$26.78 * 78)] / 2 = \$3,830$
- Fees for services provided by Town Clerk-Treasurer = \$4,080
- Fees for services provided by the Credit Supervisor for Delinquent Accounts = \$2,836

4100-12.00 Health & Accident Insurance – The proposed FY12 budget for Health & Accident Insurance is **\$22,922**. This total assumes the Town pays 100% of the projected health insurance premium/25% of the employee deductible and 100% of the project Accidental Death & Dismemberment/Life/Short-term Disability insurance costs:

- 10% annual increase in health insurance premiums in 2012ⁱ
- 50% of health insurance costs = \$22,667
- No increase in AD&D/Life/STD insurance costs in 2011 and 2012
- 50% of the staff projected AD&D/Life/STD insurance costs at \$168 = \$255

4100-13.00 Retirement – The proposed FY12 budget for Retirement is **\$3,170**. This total assumes:

- All full-time employees are eligible for the retirement match.
- 100% of Town 1:1 matching contribution up to 5% of the base salary

4100-15.00 FICA – The proposed FY12 budget for FICA is **\$6,212**. This total assumes:

- $0.0765 * \$81,199 = \$6,212$

4100-16.00 Unemployment Insurance – The proposed FY12 budget for Unemployment Insurance is **\$192**. This total assumes:

- 17% of total Unemployment Insurance premium = \$1,129

Utilities

4100-30.00 Heat – The proposed FY12 budget for Heat is **\$3,540**. This total assumes:

- 1,770 gallons of propane at an average rate of \$2.00 per gallon
- Costs for heating system repairs should be charged to 4100-37.00 Filter Plant Repairs.

4100-31.00 Intake/Filter Plant Electricity – The proposed FY12 budget for Intake/Filter Plant Electricity is **\$3,580**. This total assumes:

- 25,575 KWH of electricity at an average rate of \$0.14 per KWH

- Costs for electrical work should be charged to 4100-40.00 Intake Repairs or 4100-37.00 Filter Plant Repairs.

4100-35.00 Well House/Water Tank Electricity – The proposed FY12 budget for Well House/Water Tank Electricity is **\$1,570**. This total assumes:

- 10,530 KWH of electricity at an average rate of \$0.14 per KWH
- 25% increase in electric rates in FY12
- New well does not come online until FY13
- Costs for electrical work should be charged to 4100-36.00 Well House Repairs.

4100-33.00 Cain Street Booster Pump Station Electricity – The proposed FY12 budget for Cain Street Booster Pump Station Electricity is **\$2,030**. This total assumes:

- 14,500 KWH of electricity at an average rate of \$0.14 per KWH
- 25% increase in electric rates in FY12

4100-32.00 Telephone – The proposed FY12 budget for Telephone is **\$2,150**. This total assumes:

- Average monthly charges of \$50 for service line 802-483-6974 (Filter Plant) = \$600
- Average monthly charges of \$7 for paging services = \$84
- 50% of the average monthly charges of \$180 for cell phones = \$1,080
- 50% of cell phone/pager repair at \$250 = \$125
- 50% of the average monthly charges of \$44 for internet service = \$264
- Costs for telephone repairs should be charged to 4100-37.00 Filter Plant Repairs.

Vehicle Expenses

4100-29.00 Vehicle Replacement Fund – The proposed FY12 budget for Vehicle Replacement Fund is **\$6,195**. This total assumes:

- 50% of the replacement cost for the 2005 F350 in 2015 at a future cost of \$46,371
- 50% of the replacement cost for the 2006 Chevrolet 1500 in 2016 at a future cost of \$33,433

4100-24.00 Gas – The proposed FY12 budget for Gas is **\$3,000**. This total assumes:

- 50% of the annual fuel charges for the F350 Water/Wastewater truck at \$3,000
- 50% of the annual fuel charges for the Chevy truck at \$3,000

4100-25.00 Other Expenses/Repair – The proposed FY12 budget for Other Expenses/Repair is **\$2,000**. This total assumes:

- 50% of the annual charges for the 2005 Ford F350 Water/Wastewater truck = \$825
 - Replace 4 tires = \$700/2 = \$350
- 50% of the annual charges for the 2006 Chevy Water/Wastewater truck = \$825

Taxes

4100-65.00 Watershed – The proposed FY12 budget for Watershed Taxes is **\$5,000**. This total assumes:

- Chittenden taxes on 15,049 acres of timberland, the Intake buildings, and the Filter Plant building
- Forest land is enrolled in the Current Use Program

Other Insurances

4100-60.00 General Insurance – The proposed FY12 budget for General Insurance is **\$5,990**. This total assumes:

- Property Casualty premium at \$3,198
- Workers Compensation premium at \$2,793

Memberships/Trainings

4100-62.00 Fees/Travel – The proposed FY12 budget for Fees/Travel is **\$500**. This total assumes:

- Mileage reimbursement per Federal IRS standard
- Attendance at a minimum of 3 trainings/meetings sponsored by the GMWEA and/or VRWA

4100-63.00 Dues – The proposed FY12 budget for Dues is **\$545**. This total assumes:

- 50% of annual membership dues for the VRWA of \$175
- 50% of annual individual membership dues for the GMWEA of \$20 per person
- Annual AWWA membership \$425

Contracted Services

4100-74.00 Lilly Instrumentation – The proposed FY12 budget for Lilly Instrumentation is **\$2,500**. This total assumes:

- Annual contract for services

4100-79.00 Southworth Milton – The proposed FY12 budget for Southworth Milton is **\$360**. This total assumes:

- Semi-annual maintenance performed on generator at the Filter Plant

4100-81.00 M&K Commercial Diving – The proposed FY12 budget for M&K Commercial is **\$2,000**. This total assumes:

- Annual inspection/cleaning of the contact basin \$TBD

4100-82.00 QC Services – The proposed FY12 budget for QC Services is **\$1,035**. This total assumes:

- Annual calibration services to the lab equipment at the Filter Plant
- Inline – (2) CL17, (1) CA610, (1) 1720C at \$140 each = \$560
- Bench Top – (2) Chlorine, Fluoride, pH meter, Turbidity at \$95 each = \$475

4100-83.00 Mission Monitor Service – The proposed FY12 budget for Mission Monitor Service is **\$700**. This total assumes:

- Monthly charges of \$28.95 for Mission cellular service at Kiln Brook Intake = \$350
- Monthly charges of \$28.95 for Mission cellular service at Cain Street Pump Station = \$350

4100-83.02 Casella – The proposed FY12 budget for Casella is **\$1,440**. This total assumes:

- Monthly charges for portable toilet at filter plant = \$120

4100-83.03 Green Mountain Fire – The proposed FY12 budget for Green Mountain Fire is **\$125**. This total assumes:

- Annual service of all fire extinguishers.

Operating Expenditures

4100-21.00 Operating Expenses – The proposed FY12 budget for Operating Expenses is **\$3,800**. This total assumes:

- Test materials (buffers/phenol red for pH, DPT reagent, chem-wipes, gloves) at \$1,500
- Charts at \$500
- Inline meter and pump annual maintenance at \$1,730
 - (2) CL17 = 24 kits at \$40.79 each
 - CA610 = 12 kits at \$58.20 each
 - 1720C = lamp replacement at \$50

- Additional items as needed at \$70

4100-27.00 Chlorine – The proposed FY12 budget for Chlorine is **\$7,160**. This total assumes:

- 5% increase in chemical cost
- 3,940 gallons at \$1.80 per gallon = \$7,092
- \$70 delivery surcharge

4100-28.00 Fluoride – The proposed FY12 budget for Fluoride is **\$5,525**. This total assumes:

- 5% increase in chemical cost
- 40 15-gallon drums of Fluorosilicic Acid at \$132 each = \$5,222
- \$300 delivery surcharge/drum deposit

4100-77.00 Polymers – The proposed FY12 budget for Polymers is **\$9,460**. This total assumes:

- 5% increase in chemical cost
- 10 550-lb drums of EC462 at \$886 per drum = \$8,860
- 2 drums of aluminum chlorhydrate at \$237 per drum = \$475
- \$125 delivery surcharge

4100-78.00 Soda Ash – The proposed FY12 budget for Soda Ash is **\$3,560**. This total assumes:

- 5% increase in chemical cost
- 181 50-lb bags at \$19.43 per bag = \$3,510
- \$50 delivery surcharge

4100-28.01 Dechlor – The proposed FY12 budget for Dechlor is **\$700**. This total assumes:

- 5% increase in chemical cost
- 9 15-gal drums of dechlor at \$47.25 per drum = \$400
- \$300 delivery surcharge

4100-75.00 Lab Tests s/o VT – The proposed FY12 budget for Lab Tests s/o VT is **\$3,240**. This total assumes:

- 4 THM/HAA5 at \$270 = \$1,080
- 10 Lead & Copper at \$25 = \$250
- 2 Nitrate at \$15 = \$30
- 2 Gross Alpha at \$75 = \$150
- 2 VOCs at \$120 = \$240
- Monthly bacteriological, minimum 3 per month plus 10 test contingency at \$15 per test = \$690
- Additional tests as needed = \$500
- Shipping \$300

4100-76.00 Permit Fees – The proposed FY12 budget for Permit Fees is **\$5,325**. This total assumes:

- Annual operating fees for water production at \$5,200
- Annual discharge fees for backwash system at \$125

4100-68.00 Dechlor Pump Out – The proposed FY12 budget for Dechlor Pump Out is **\$5,000**. This total assumes:

- Quarterly pumping of the backwash treatment system manhole
- 10 hrs/quarter at \$125/hr = \$5,000

4100-26.00 Small Tools/Equipment – The proposed FY12 budget for Miscellaneous Tools/Equipment is **\$500**. This total assumes:

- Maintain current inventory

4100-34.00 Uniforms – The proposed FY12 budget for Uniforms is **\$700**. This total assumes:

- 50% of average monthly cost of \$97 for uniform rental
- 50% PPE – safety glasses, helmets, vests, high visibility rain gear = \$120

4100-18.00 Printing – The proposed FY12 budget for Printing is **\$1,000**. This total assumes:

- Annual reproduction of 850 Consumer Confidence Reports at \$600
- Other notices as needed at \$400

4100-23.00 Postage – The proposed FY12 budget for Postage is **\$800**. This total assumes:

- Postage for 5 bulk mailings – e.g., Consumer Confidence Reports, quarterly notices
- Postage for mailing monitoring samples
- Postage for mailing monthly reports and other materials as needed

Maintenance Expenditures

4100-40.00 Intake Repairs – The proposed FY12 budget for Intake Repairs is **\$0**. This total assumes:

- No planned repairs in FY12

4100-37.00 Filter Plant Repairs – The proposed FY12 budget for Filter Plant Repairs is **\$0**. This total assumes:

- No planned repairs in FY12

4100-36.00 Well House Repairs – The proposed FY12 budget for Well House Repairs is **\$0**. This total assumes:

- No planned repairs in FY12

4100-38.00 Line Repairs – The proposed FY12 budget for Line Repairs is **\$5,000**. This total assumes:

- Repair on an as needed basis
- Maintain inventory of parts

4100-41.00 Existing Equipment Repairs – The proposed FY12 budget for Existing Equipment Repairs is **\$1,500**. This total assumes:

- General repair to equipment on an as needed basis

4100-37.01 New Equipment – The proposed FY12 budget for New Equipment is **\$1,000**. This total assumes:

- LMI pump for main chlorine pump

4100-98.00 Miscellaneous (Contingency) – The proposed FY12 budget for Contingency expenses is **\$5,000**. This total assumes:

- There are unanticipated operating/maintenance expenditures during FY12

Bond Expenditures

4100-84.10 Bond Payment 1 – The proposed FY12 budget for Bond Payment is **\$62,985**. This total assumes:

- \$20,000 annual principal on \$320,000 bond that matures in 2011 (FY2012)

- \$42,985 annual principal on \$1,057,000 DWSRF Loan that matures December 1, 2027 (FY2028)

4100-84.15 Bond Interest 1 – The proposed FY12 budget for Bond Interest is **\$28,647**. This total assumes:

- \$585 annual interest on \$320,000 bond that matures in 2011 (FY2012)
- \$28,062 annual interest on \$1,057,000 DWSRF Loan that matures December 1, 2027 (FY2028)

Sinking Fund

4100-84.00 Sinking Fund Contribution – The proposed FY12 budget for Sinking Fund Contribution is **\$32,584**. This total assumes:

- Sinking fund contribution equal to 15% of the O&M expenses

ⁱ Single 2006 Act Rate = \$516; 2-Person 2006 Act Rate = \$1,066; Family 2006 Act Rate = \$1,329
Single 2007 Act Rate = \$572; 2-Person 2007 Act Rate = \$1,183; Family 2007 Act Rate = \$1,472
Single 2008 Act Rate = \$590; 2-Person 2008 Act Rate = \$1,220; Family 2008 Act Rate = \$1,520
Single 2009 Act Rate = \$654; 2-Person 2009 Act Rate = \$1,309; Family 2009 Act Rate = \$1,767
Single 2010 Act Rate = \$568; 2-Person 2010 Act Rate = \$965; Family 2010 Act Rate = \$1,419
Single 2011 Act Rate = \$663; 2-Person 2010 Act Rate = \$1,128; Family 2010 Act Rate = \$1,658