

**OPERATIONS DIVISION – WATER FUND**  
**BUDGET FOOTNOTES**

1. **Salaries - FT: (\$385,000)** Provides for one-half (50%) of the salaries of the Project Coordinator, Senior Plant Operator, and Customer Service Worker. Also provides for a percentage (30%) of the sixteen members of our Operations Division that will be funded through the Operations – Water Fund budget.
2. **Salaries - PT: (\$31,400)** Provides for four part-time meter readers who read all 8,200 water meters in the Village each month and 30% of one part-time maintenance worker.
3. **Temporary Help: (\$17,800)** Provides for a percentage (30%) of eight summer seasonal employees (12 weeks) and two extended seasonal (25 weeks) employees that work for the Operations Division of Public Works. Seasonal employees work on all aspects of Operations including water distribution system maintenance activities.
4. **Bank Charges: (\$8,000)** Costs associated with the acceptance of credit cards as a form of payment at the Village Cashier’s counter.
5. **Maintenance / Buildings & Grounds: (\$24,500)** Provides \$11,300 for annual landscape maintenance contract at the Cottage Avenue elevated tank site, Newton and Wilson Avenue pumping stations, and North and West Pressure Adjusting Stations. Also provides \$13,200 for miscellaneous supplies and improvements to assure our water distribution facilities are maintain and safely secured.
6. **Maintenance / ROW: (\$75,000)** Provides for restoration of streets and parkways disturbed during water system repairs (concrete, asphalt, and landscaping material) including the water portion of the material hauling contract for spoil removal and stone delivery. As a result of excavations the Utilities Division hauls out approximately 2,400 cubic yards of spoil, and purchases 1,100 tons of gravel each year.
7. **Maintenance / Water Meters: (\$50,000)** Provides for water meters, copper horns, and radio reads for new residential and commercial accounts and miscellaneous repair parts as needed. These radio-read units are currently being installed in new homes and businesses only. The cost associated with this upgrade is recovered in the meter fee portion of the building permit for the new home or business.
8. **Maintenance / Hydrants: (\$40,000)** Provides \$20,000 to fund the purchase of parts and supplies to maintain and replace hydrants. Non-functioning hydrants are typically replaced instead of repaired because of obsolescence. On average, the Utilities Division replaces 8 hydrants per year (out of a total of 1,222 hydrants). These hydrant replacements are in addition to those replaced as part of our extensive Capital Improvements Program. This year will be the first year of a 5 year program to sand blast and repaint all 1222 hydrants. 245 hydrants will be painted this year for \$ 20,000.

9. **Maintenance / Other: (\$10,000)** Provides for all materials for water main and service line repairs. Examples include copper tubing, b-boxes, brass fittings, repair clamps, couplers and fittings.
10. **Professional Services / Other: (\$63,700)** Captures the cost of various types of services and studies provided by contractors and consultants. Provides: \$8,000 for water leak location assistance connected with suspected water main breaks; \$5,000 for emergency water main break repairs; \$10,000 for concrete saw cutting; \$4,500 for editing and printing of the Illinois Environmental Protection Agency required annual water quality consumer confidence report; \$2,000 for root pruning prior to excavating to minimize damage to adjacent tree root structures; \$4,000 for traffic control device rental; \$6,500 for chemical water analyses; \$4,500 for bacterial water analyses; \$2,000 for training and implementation of CarteGraph WaterView (water asset management / preventative maintenance); \$8,000 for electrical maintenance and \$1,200 for maintenance to auxiliary electric generators, \$8,000 for outsourcing the printing and distribution of more than 100,000 water bills annually.
11. **Debt Service / Abate Levy: (\$0)** Transfer to the Debt Service Fund to reduce the levy for bond re-payments paid by property taxes for the 1987 \$15 million General Obligation referendum bonds, a commitment of the Village Board prior to the 1987 bond referendum. The Village completed their obligation and no further transfer is necessary.
12. **Purchase of Water: (\$1,976,000)** The Village purchases its Lake Michigan water through the DuPage Water Commission. Water from the DWC is metered and billed to the Village monthly. The Water Commission sets the rates billed to its municipal customers annually and establishes a commodity or "O&M" rate based on the number of gallons purchased and also assesses a monthly "fixed cost" charge to pay for bonds issued to construct the DWC distribution system. The Village's cost of purchasing water from the Commission is expected to increase by over 22% from \$1.70 to \$2.08 per 1,000 gallons. The Commission is passing through to its municipal members a three year, 50% City of Chicago rate increase for the sale of Lake Michigan water to the Water Commission plus an additional increase to cover an unexpected shortfall in operating cash reserves.
13. **Capital Projects: (FY09/10 Estimated Actual - \$1,719,000)** This line item contains capital improvement projects undertaken in the current fiscal year and continuing projects with significant payouts in this fiscal year.

Project Description	Estimated Cost
<b>a. Parkside / Summerdale Reconstruction (#00802)</b> – The water portion of the project funded the replacement of approximate 6,000 ft. of water mains on reconstructed roadways as well as on Forest and Dorset Avenue. Costs shown include construction plus field engineering.	<b>\$8,000</b>
<b>b. East Panfish Basin (#00402)</b> – Final payment to the developer of the Water's	<b>\$12,000</b>

Edge subdivision for water main installation on Nicoll Way installed in 2004	
<b>c. 2008 Street Improvements (#00701)</b> – Final payment for project water system improvements included new service lines on Phillips and miscellaneous system upgrades at other locations.	<b>\$1,000</b>
<b>d. Cottage Water Tank Recoating (#10xxx)</b> – In 2008, the Cottage tower was painted (interior and exterior) under a long-term maintenance services agreement with Utility Service Company entered into in April 2008. Costs shown include the second of three annual payments of \$68,000.	<b>\$68,000</b>
<b>e. Park / GE Place / Prairie Improvements Project (#00603)</b> – Water-related construction expenses.	<b>\$280,000</b>
<b>f. Braeside Neighborhood Improvements Project (#00613)</b> – Total construction costs shown, including Grove Ave. water main replacement; anticipated CDBG reimbursement = \$215,000)	<b>\$510,000</b>
<b>g. 2009 Street Improvements Project (#00901)</b> – Water main related construction expenses.	<b>\$662,000</b>
<b>h. Route 53 Bridge Water Main Relocation (#00906)</b> – IDOT reconstructed the Route 53 bridge over the East Branch of the DuPage River in 2009. The 12-inch water main on the south side of the roadway was in conflict with the bridge work and needed to be relocated. Additional valves and a hydrant were also installed with the project.	<b>\$27,000</b>
<b>i. Well No. 6 Rehabilitation</b> – During the course of the project to disinfect Well No. 6, most of the downhole pumping equipment was found to be in poor condition and was replaced, using capital project monies.	<b>\$30,000</b>
<b>j. Design Engineering</b> – Funding for water main design work for future projects:	
<b>1. Bryant Avenue / Thain's Addition (#00904)</b> – Funds engineering for water main improvements associated with the planned reconstruction of Bryant Avenue and other water system improvements in the area bounded by Bryant, Walnut, Whittier and Hillside, and other selected streets. Construction is planned for 2010.	<b>\$50,000</b>
<b>2. Riford Road Reconstruction (#00505)</b> – Phase II engineering services for water main replacement on the north section of Riford Road, Grand Avenue and Lake Road.	<b>\$8,000</b>
<b>3. Sunset / Turner Improvements (#00902)</b> – Water main replacement is scheduled for Sunset between Fairview and Turner.	<b>\$2,000</b>

<b>4. Hill Avenue Water Main Extension (#00511)</b> – Deuchler is the project engineer for the project to extend utilities into the area north of Hill Avenue and east of Cumnor.	<b>\$61,000</b>
<b>Total for line item:</b>	<b>\$1,719,000</b>

14. **Capital Projects: (FY10/11 Budget - \$1,711,000)** This line item lists projects expected to start in FY09/10 along with the corresponding estimated costs

Project Description	Estimated Cost
<b>a. Bryant / Thain's Addition (#00904)</b> – Water main replacement costs.	<b>\$1,085,000</b>
<b>b. Riford Road Reconstruction (#00505)</b> – Planned improvements include new water main on Riford between Oak and St. Charles Road.	<b>\$520,000</b>
<b>c. Cottage Avenue Water Tank Services Agreement (#xxxxx)</b> – Third year payment to Utility Service Company for the long-term maintenance services agreement entered into in April 2008. This payment completes the first three years of higher payments associated with the tank recoating work performed in 2008.	<b>\$68,000</b>
<b>d. Design Engineering</b> – Funding to accommodate design engineering for capital projects anticipated in the coming years. Please refer to the Capital Improvements footnotes section for more complete project descriptions.	
<b>1. Hill Avenue Utility Extensions</b> – Continued engineering.	<b>\$28,000</b>
<b>2. Sunset / Turner Improvement Project (#00902)</b> – Continued Engineering	<b>\$5,000</b>
<b>3. Essex Court (#00702)</b> – Continued Engineering	<b>\$5,000</b>
<b>Total for line item:</b>	<b>\$1,711,000</b>

15. **Equipment: (\$3,000)** Provides for the purchase of two new water main magnetic locators (\$1,800) and a laptop/netbook for in field inventory and maintenance collections (\$1,200).