

## Public Works Streets

### Department/Program Description

The Streets Division of the Public Works Department is responsible for the maintenance and care of the Village's road systems as well as the Village storm water system and right of ways. The current roadway system includes approximately 123.8 miles of streets.

<b>Personnel Summary</b>	<b>2003-2004</b>	<b>2004-2005</b>	<b>2005-2006</b>	<b>2006-2007</b>	<b>2007-2008</b>
Street Superintendent	1	1	1	1	1
Foreman - Streets/Signage	1	1	1	2	2
Maintenance Worker II - Streets/Signage	3	3	3	2	2
Maintenance Worker I - Streets/Signage	8	8	9	9	10
Streets - Part-Time Summer	0	0	3	3	3
<b>Total Full-Time Employees</b>	<b>13</b>	<b>13</b>	<b>14</b>	<b>14</b>	<b>15</b>
<b>Total Part-Time Employees</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>3</b>
<b>Total Employees</b>	<b>13</b>	<b>13</b>	<b>17</b>	<b>17</b>	<b>18</b>

### Explanation of New Positions

Over the past two years, the Streets Division has taken on a lot more responsibility with the addition of right of way (ROW) maintenance, street lights, striping and signage and now the maintenance of all retention and detention areas in the Village which were previously the responsibility of the Parks & Forestry Department. The Signage and ROW Division has become an entity of growth and is in need of manpower to supplement its additional responsibilities. When Signage was formed it was done by promoting a Maintenance Worker II without replacement and moving two Maintenance Worker I's from the street side to signage, again without replacement. The promotion and creation of the Signage supervisor and his division has proven very beneficial to both the Village of Algonquin and to Public Works, but has taxed the work force of the Street Division as a whole.

The ROW and Signage Divisions have been operating with the two personnel added from the Asphalt and Drainage crew. During the course of the 2006 season, they have picked up maintenance of twelve islands, multiple flower beds and traffic calming areas; mowing and upkeep of all the right-of-way areas that are not attached to parks; the housekeeping of the downtown areas; and maintenance of the retaining walls and welcome signs. This shortage of people and increase in work has not only taxed the ROW Division but also the Asphalt and Drainage Division. This in turn has reduced the number of miles accomplished for asphalt maintenance and other items which need to be performed as regularly scheduled tasks. Thus, there is a need for additional employees over the entire division for the 07/08 budget year. In this budget, one additional Maintenance Worker I position will be added to work toward this goal. This will allow us to cover the regular duties such as general housekeeping of the roadways, asphalt maintenance, and continuation of the sign program, as well as give some added latitude to accomplish the multiple projects which are bestowed upon the Street Division during the budget year.

### 2006-2007 Accomplishments

- Major road projects were completed including Old Oak Phase 1.
- The Street Division again focused on drainage issues and made permanent repairs to areas such as the west side of Cardinal Drive, which included reversing the direction of the storm due to grade issues; South Drive; and Randall Road, which resulted in our local business owners responding positively over the results after many complaints. Also some major

underground spring issues were addressed in Algonquin Hills on Seminole and Pioneer. These projects were all done in house with major budgetary savings.

- The Division continued the program of cleaning all storm structures in town, but due to the lack of personnel and additional work from Parks, it was difficult to arrive at the numbers accomplished last year.
- The Street Department has developed an excellent reputation and outstanding rapport with such organizations as the Algonquin Police Department, the Founders' Days Committee, and Hill Climb Committee of the Lions Club. The Police Department recognized the Street Department for cooperation and service at their annual awards luncheon, which was quite an honor. We were also honored with the Salt Storage Award, presented to a few elite organizations throughout the country, by the National Salt Institute.
- Repairs were completed on the sea wall in the downtown area, and the department removed the old Town Park Bridge and excavated the area for the contractor to install the wing walls and footings for a new bridge, both resulting in huge savings to the Village.
- Enhancements have been made to most of the Village landscaping on our right of ways such as the Harper Street entrance and the welcome sign on south Randall Road. The Sign and Right of Way crew has worked hard all summer installing split rail fencing at wetland areas and developing a more esthetically pleasing appearance, of our ever-increasing number of traffic islands. An example would be the refurbishing of the island located at Bunker Hill and Square Barn. This has all been done while still devoting much time and effort to our streetlights and signage thru out the Village.

### **Budget Highlights**

- The Division has found the need to request a Planer (also known as a milling machine) in the enhanced budget, which is used to grind asphalt before overlaying with new asphalt. The current method is time consuming and ineffective for consistency in repairs, especially large patching which is needed to improve the integrity of our roads. The new machine would increase productivity and efficiency by 80% and would eliminate the need for a \$6,000 a year lease fee on the Bobcat, which is, along with an attachment, the current way of grinding for overlay. This current method tends to destroy the Bobcat, thus requiring a trade-in each year. This grinding and overlay can add much needed life to many of our roads, thus extending the need for monies in the future for major repairs and restoration. The cost of the planer is shared with the Cul de Sac fund.
- A pick up truck for the Signage and Right of Way Supervisor is included in this budget. The truck is necessary for transportation for job surveys, job visits, taking necessary measurements and plowing snow during the season. The supervisor is currently using vehicle 318, which doubles as both a work vehicle for the crew and his personal vehicle. This becomes cumbersome when he is summoned to a job sight and the vehicle is being used by the crew for work tasks. The supervisor has taken dump trucks out to visit his employees because his vehicle is in use. An additional pickup truck will increase efficiency and work productivity.
- A Dixie Chopper will be added to the ROW group for cutting all ROWs, detention, and retention areas. It is necessary in order to maintain the described areas during spring, summer, and fall. Most of these are high visibility areas and require regular attention.

### **Future Goals and Objectives**

- The sign shop will continue to complete the conversion of all street signs to the new version of Diamond Grade signs in two years.
- The Street Department will continue cleaning and inspection of all storm structures, with the ultimate goal of establishing a cycle in which structures are cleaned every four years.

- The Department will continue the effort to establish a sidewalk and curb repair program. 2006 was used to develop the experience and equipment needed to provide professional and quality service to our residents before we begin to bill at the 50/50 rate.
- A striping and crack-sealing program has been established and will be built upon to fit with our GIS.
- Continue to improve our snow plan looking for cost saving methods and procedures.
- Develop an aggressive grinding and overlay program with the end result of spreading road repair costs over a period of years, which will allow the MFT fund to build for larger, more costly projects.

### **Departmental Performance Indicators and Statistics**

Careful tracking of sidewalk repairs, drainage projects, asphaltting, detention and retention maintenance, and storm sewer cleaning and maintenance will be available on spread sheets. This information can prove to be invaluable not only for tracking purposes but to monitor force needs and budget balancing. Not only are written records a key indicator but verbal kudos from our residents and other Village departments who rely upon our help are a valuable resource indicating a change in philosophy and spirit.

	<b>2006</b>
<b>Concrete Poured</b>	7,212 sq. ft/105 cubic yards
<b>Asphalt Used</b>	192 tons
<b>Pipe Installed</b>	1,200 linear feet
<b>Structures Set</b>	13
<b>Street Light Work Orders</b>	20
<b>Other Work Orders</b>	140
<b>Striping Completed</b>	Equivalent to 4 miles of roadway
<b>Split Rail Fence Installed</b>	400 feet
<b>Snow Fence Installed</b>	6,500 linear feet
<b>Handicapped Signs Made and Distributed</b>	212
<b>Street Signs Upgraded</b>	Completed sign upgrades in the following subdivisions: Arbor Hills, Falcon Ridge, High Hill, and Dawson Mill



**EXPENDITURES**  
**Public Works - Streets Division**

Village of Algonquin Streets Department	ACTUAL DOLLARS			06-07 Budget	2007-2008 BUDGET
	4/30/2004	4/30/2005	4/30/2006	4/30/2007	Board Approved
<b>Personnel</b>					
01.300.103 IMRF	\$ 39,879.51	\$ 50,551.29	\$ 57,527.90	\$ 66,400.00	\$ 71,400.00
01.300.104 FICA	38,804.29	44,661.51	50,066.09	54,650.00	60,200.00
01.300.105 Unemployment Tax	2,537.73	3,677.40	4,215.69	4,050.00	4,580.00
01.300.106 Health Insurance	88,594.64	98,859.54	119,322.63	142,975.00	163,480.00
01.300.110 Salaries	502,703.12	562,430.63	635,119.86	677,900.00	749,400.00
01.300.155 Overtime	26,055.38	37,157.54	35,516.24	35,500.00	37,410.00
<b>Total</b>	<b>\$ 698,574.67</b>	<b>\$ 797,337.91</b>	<b>\$ 901,768.41</b>	<b>\$ 981,475.00</b>	<b>\$ 1,086,470.00</b>
<b>Contractual Services</b>					
01.300.210 Telephone	\$ 4,462.70	\$ 4,886.36	\$ 4,608.75	\$ 5,400.00	\$ 4,605.00
01.300.211 Natural Gas	6,265.99	4,628.66	6,760.75	13,100.00	8,350.00
01.300.212 Electric	295,879.61	324,089.23	364,645.16	374,750.00	444,500.00
01.300.230 Legal Services	0.00	0.00	0.00	500.00	500.00
01.300.232 Engineering Services	6,302.50	4,695.00	14,622.59	1,000.00	2,500.00
01.300.234 Professional Services	16,985.08	11,338.65	10,048.82	21,100.00	8,200.00
01.300.236 Insurance Claims	0.00	0.00	1,238.79	0.00	0.00
01.300.237 Publications	0.00	94.84	24.00	100.00	100.00
01.300.238 Printing & Advertising	604.44	410.40	1,225.35	1,260.00	1,950.00
01.300.250 Equipment Rental	1,850.95	2,493.76	3,640.83	1,600.00	11,700.00
01.300.255 Physical Exams	34.40	72.45	97.30	300.00	350.00
01.300.270 Snow Removal	1,911.22	1,329.82	6,048.08	3,000.00	3,100.00
<b>Total</b>	<b>\$ 334,296.89</b>	<b>\$ 354,039.17</b>	<b>\$ 412,960.42</b>	<b>\$ 422,110.00</b>	<b>\$ 485,855.00</b>
<b>Supplies &amp; Materials</b>					
01.300.308 Office Supplies	\$ 818.19	\$ 980.39	\$ 1,155.22	1,000.00	\$ 1,000.00
01.300.309 Materials	22,882.20	28,305.19	33,125.61	52,000.00	32,500.00
01.300.317 Postage	(3.70)	688.84	25.00	50.00	50.00
01.300.318 Sign Program	35,481.26	42,166.95	32,924.43	37,200.00	40,000.00
01.300.319 Building Supplies	6,782.84	6,359.36	4,474.24	3,430.00	500.00
01.300.320 Tools, Equipment & Supplies	34,469.09	14,162.88	14,241.66	24,600.00	44,140.00
01.300.321 Fuel	18,575.30	28,583.57	43,405.12	43,000.00	48,590.00
01.300.332 Office Furniture & Equipment	210.81	2,139.01	3,477.87	0.00	0.00
01.300.345 Infrastructure Maintenance	added 11/13/06	0.00	10,591.44	0.00	0.00
<b>Total</b>	<b>\$ 119,215.99</b>	<b>\$ 123,386.19</b>	<b>\$ 143,420.59</b>	<b>\$ 161,280.00</b>	<b>\$ 166,780.00</b>
<b>Maintenance</b>					
01.300.420 Vehicle Maintenance(S)	\$ 135,660.56	\$ 143,774.34	\$ 154,446.80	\$ 144,000.00	\$ 144,600.00
01.300.421 Equipment Maintenance (S)	50,865.04	74,291.71	60,598.55	45,000.00	56,450.00
01.300.422 Radio Maintenance	0.00	129.97	631.17	350.00	950.00
01.300.423 Building Maintenance(R)	3,211.67	7,297.37	9,624.62	14,230.00	64,280.00
01.300.424 Grounds Maintenance (R)	762.58	283.69	194.69	1,140.00	1,420.00
01.300.426 Office Equipment Maintenance	162.89	467.02	394.43	620.00	600.00
01.300.427 Curb & Sidewalk Program	42,380.15	6,156.64	32,765.77	33,340.00	16,680.00
01.300.428 Street Maintenance	35,999.18	16,847.16	106,226.61	43,100.00	34,500.00
01.300.429 Street Lights	4,741.50	10,354.17	18,363.99	2,000.00	7,500.00
01.300.430 Traffic Signal Maintenance	10,013.40	9,771.57	8,292.23	9,240.00	9,240.00
<b>Total</b>	<b>\$ 283,796.97</b>	<b>\$ 269,373.64</b>	<b>\$ 391,538.86</b>	<b>\$ 293,020.00</b>	<b>\$ 336,220.00</b>
<b>Capital Expenditures</b>					
01.300.590 Capital Purchase	37,768.00	110,812.50	227,872.00	85,500.00	127,550.00
01.300.594 Capital Lease Payments	0.00	14,771.19	18,255.93	18,300.00	20,650.00
<b>Total</b>	<b>\$ 37,768.00</b>	<b>\$ 125,583.69</b>	<b>\$ 246,127.93</b>	<b>\$ 103,800.00</b>	<b>\$ 148,200.00</b>
<b>Other Charges</b>					
01.300.740 Travel/Training/Dues	\$ 2,676.43	\$ 1,761.44	\$ 2,519.69	\$ 3,025.00	\$ 3,600.00
01.300.760 Uniforms & Safety Items	9,632.02	7,587.98	7,741.83	7,100.00	7,600.00
01.300.965 Interest Expense	0.00	3,191.32	3,299.10	3,300.00	925.00
<b>Total</b>	<b>\$ 12,308.45</b>	<b>\$ 12,540.74</b>	<b>\$ 13,560.62</b>	<b>\$ 13,425.00</b>	<b>\$ 12,125.00</b>
<b>Streets Total</b>	<b>\$ 1,485,960.97</b>	<b>\$ 1,682,261.34</b>	<b>\$ 2,109,376.83</b>	<b>\$ 1,975,110.00</b>	<b>\$ 2,235,650.00</b>

## Public Works Parks & Forestry

### Department/Program Description

The Parks and Forestry Division of Algonquin is responsible for the development and maintenance of all park and open space parcels within the Village, as well as the installation, replacement, and maintenance of all Village owned trees (parkways, parks, open spaces, and Village properties). In the realm of parks, we oversee all physical aspects of the park parcels from their conception and development, to the annual mowing schedule. Tasks include trash removal, painting, landscaping, planting, mowing, and on-going replacement, repair or restoration of virtually all of the park's features.

The department is also responsible for the installation, maintenance, and retirement of all Village-owned trees. These tasks include planting, fertilizing, staking, pruning, diagnosis of insects and disease, pesticide treatments, removal, and stump grinding. These tasks are achieved via the ground, a lift truck, or climbing, whichever the circumstance dictates. Our well-trained and able in-house staff can complete most every divisional task.

The division currently provides for full replacement of damaged or dead tree specimens on Village property, as well as a cost share program to promote planting in areas where a site may be vacant. Our park parcels provide opportunities for over two thousand baseball and soccer participants, a football league, as well as providing their main intention, utilization by the individual residents.

<b>Personnel Summary</b>	<b>2003- 2004</b>	<b>2004- 2005</b>	<b>2005- 2006</b>	<b>2006- 2007</b>	<b>2007- 2008</b>
Parks and Forestry Superintendent	1	1	1	1	1
Parks and Forestry – Foreman	1	1	1	1	1
Maintenance Worker II – Parks and Forestry	3	3	3	3	4
Maintenance Worker I – Parks and Forestry	8	8	9	9	9
Parks – Part-Time Summer	6	6	6	8	8
<b>Total Full-Time Employees</b>	<b>13</b>	<b>13</b>	<b>14</b>	<b>14</b>	<b>15</b>
<b>Total Part-Time Employees</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>8</b>	<b>8</b>
<b>Total Employees</b>	<b>19</b>	<b>19</b>	<b>20</b>	<b>22</b>	<b>23</b>

### Explanation of New Positions

This year the division is proposing to dedicate two full time individuals, one crew leader and one maintenance worker, to provide upkeep and improvement maintenance to the historic district. As this area continues to develop into a vital portion of our community, we have identified a need to provide for substantially increased maintenance of this area. This year's proposal provides the addition of a Maintenance II worker to meet these needs, while postponing the addition of the Maintenance I worker until a subsequent year.

This proposal serves to provide preservation and enhancement of the downtown area improvements, most specifically the three flagship parks and road right of way areas adjacent to businesses and public buildings. This crew will service an area bounded by Huntington Dr. to the South, Towne Park to the West, Edward St. to the North, and Hubbard St. to the East, and be responsible for providing a well maintained appearance of the business district areas. Work would include, but not be limited to, things such as planting and watering of annual flowers, perennials, and shrubs; weeding, watering, mulching, and pruning of planter beds; cleaning (sweeping, edging and power washing) of sidewalks; bench and table cleaning, staining and painting; brick paver repair, leveling, and sanding; trash removal; restroom maintenance; playground inspection and repair; weed control in parks, alleys, and right of ways;

bridge deck and rail cleaning; Founder's Day's preparation; fountain upkeep and maintenance; Holiday lighting; arbor and gazebo maintenance; snow removal (interior to the parks); etc.

### **FY2006-2007 Accomplishments**

- The Village of Algonquin received its tenth designation as a Tree City U.S.A.
- Educational presentations were given to over six hundred school children touting the wonderful benefits of trees, and the importance of tree related stewardship.
- Over 380 new trees were planted this year. Two hundred and fifty three trees were planted as replacements for our current tree inventory, and 135 trees were planted as part of our reforestation program. The Copper Oaks subdivision was fully forested, having all of its vacant planting sites filled. The reforestation of vacant spaces in the Arbor Hills subdivision began. Reforestation is making a huge impact on these existing subdivisions.
- Pruning of parkway trees occurred in three major subdivisions. The trees were pruned per National Arborist Association guidelines. The quantity pruned is well in line with our goal of pruning each Village tree at least every five years.
- The construction of Cornish Park was completed. This site has already proven to be a community favorite. A ribbon cutting was held in the fall which included many regional elected officials.
- Two major park system drainage issues were addressed. The first was an area near the Wood Park parking lot that was trapping water. With the assistance of the Streets and Right-of-Way Division, new drain tile was installed, curing this long time problem. Additionally, full re-grading of the Willoughby Farms Park soccer and baseball fields was performed. This large scale project helped to solve many problems with standing water caused as a result of poor grading during the initial project. The site will now be a class venue, in line with our other facilities.
- Many square feet of bike path were replaced in the Algonquin Lakes subdivision. The product left by the developer left a little to be desired. Much patching and weed barrier installation will serve to lengthen the life of this improvement.
- The Presidential Park lot was sealed and striped and a new sign for this venue was installed.
- The budgeted natural areas management plan was implemented by Public Works Administration. With funding assistance from Parks and Forestry we hope this plan can be fully implemented in order to insure an on-going preservation and awareness of the Village's natural attributes.

### **Budget Highlights**

The budget, as proposed, will strive to maintain and improve our current level of excellent service via necessary increases in staff and equipment. The highlights are as follows:

- Tree planting will continue to be of great importance. Monies provided will ensure the installation of all necessary replacements.
- We are again funding to celebrate Arbor Day with the Village's third graders. This day of community outreach assists the department in educating the future leaders about the importance of our environment, particularly trees.
- Monies are also provided for education of staff. The superintendent and foreman will be attending the Illinois Public Service Institute, a conference dedicated to bettering public works managers. The foreman will attend as a first year student, while the superintendent shall attend as an elected committeeman. All of the department's Certified Arborists will be attending the Illinois Arborist Associations annual conference. Two individuals will attend playground safety inspector certification classes.
- The proposal of a downtown "tending crew" will create neater and cleaner downtown areas, with incidents of maintenance being dealt with quite directly. With the burgeoning volume of



Village customers in this locale, it is our desire to increase our maintenance standard and provide an experience that causes these customers a desire to return.

- The replacement and addition of a few vehicles, including one hybrid vehicle, will assist in decreasing our maintenance costs, as well as help us to operate more efficiently.
- The replacement of the parking area at Holder Field is a welcome project that will provide not only a renewed parking surface, but will provide a well maintained, cleaner appearance for this older park parcel.

### **Future Goals and Objectives**

- Continue to provide funding for full cost replacement of failed trees, as well as fund reforestation of vacant planting sites within the Village. This is a long-term annual goal.
- Continue work on a park and playground data base that is compatible with the new information system.
- Develop/secure a database for management of the Village tree inventory. Strive to make substantial progress in the tree data collection and work order management process.
- Continue to plan and strive for excellence relative to park site experiences via outstanding site preparedness.
- Develop a structured, well defined, time line based training package that specifically targets the challenges/charges of the Parks and Forestry Division.
- Assess and improve internal and external customer service.
- Evaluate all current processes and identify ways to increase efficiency and safety.
- To meet all of the proposed goals and objectives as outlined in the annual budget.

### **Departmental Performance Indicators and Statistics**

- Approximately 1,800 trees within three subdivisions were pruned via our annual tree-trimming program.
- All projects scheduled via the budgeting process were completed on time, and within budget.
- The department planted 388 new trees. All replacements were funded and over one hundred new installations were made in parkways that did not previously host a tree.
- Staff assessments and morale were maintained above average, allowing for a more desirable work environment.
- Seven arborists maintained certification.
- Vehicle utilization numbers relative to cost per mile to operate were maintained within acceptable ranges, indicating well maintained, effectively used, properly respected operation of departmental equipment.

	<b><u>2005</u></b>	<b><u>2006</u></b>
Developed Park Acreage	212.5 acres	215 acres
Open Space with Potential for Development	193.75 acres	191.25 acres
Open Space/Detention	126 acres	126 acres
Parkway Trees	approximately 18,500	approximately 18,500
Park Sites	19	20
Playgrounds	16	17
Tennis Courts	6	6
Baseball Fields	13	13
Soccer Fields	12	12
Basketball Courts	11	11

**EXPENDITURES**  
**Public Works - Parks Forestry Division**

Village of Algonquin Parks & Forestry Division	ACTUAL DOLLARS			06-07 Budget	2007-2008 BUDGET
	4/30/2004	4/30/2005	4/30/2006	4/30/2007	Board Approved
<b>Personnel</b>					
01.400.103 IMRF	\$ 38,107.28	\$ 48,347.35	\$ 56,557.12	\$ 64,925.00	\$ 70,300.00
01.400.104 FICA	39,011.65	44,244.31	49,510.58	56,025.00	61,175.00
01.400.105 Unemployment Tax	2,803.37	3,916.05	4,254.86	4,775.00	4,900.00
01.400.106 Health Insurance	63,721.40	70,816.38	87,249.90	102,400.00	105,875.00
01.400.110 Salaries	496,681.74	565,886.31	635,166.23	702,600.00	777,600.00
01.400.155 Overtime	19,722.26	18,571.24	18,845.58	21,000.00	22,000.00
<b>Total</b>	<b>\$ 660,047.70</b>	<b>\$ 751,781.64</b>	<b>\$ 851,584.27</b>	<b>\$ 951,725.00</b>	<b>\$ 1,041,850.00</b>
<b>Contractual Services</b>					
01.400.210 Telephone	\$ 4,574.78	\$ 5,031.12	\$ 4,911.90	\$ 5,100.00	\$ 5,340.00
01.400.211 Natural Gas	5,752.24	4,732.12	8,327.11	11,350.00	8,300.00
01.400.212 Electric	1,063.75	(1,530.24)	161.89	0.00	0.00
01.400.230 Legal Service	0.00	0.00	0.00	500.00	500.00
01.400.232 Engineering Services	1,046.67	8,465.00	5,247.87	500.00	7,500.00
01.400.234 Professional Services	22,470.68	18,816.69	17,391.43	19,160.00	21,100.00
01.400.235 Community Events	5,161.80	5,549.52	5,784.26	6,700.00	7,000.00
01.400.237 Publications	463.77	70.84	0.00	500.00	500.00
01.400.238 Printing & Advertising	695.27	525.00	71.35	2,260.00	2,350.00
01.400.250 Equipment Rental	1,585.37	1,364.35	4,550.14	2,100.00	2,100.00
01.400.255 Physical Exams	727.90	46.80	0.00	300.00	350.00
<b>Total</b>	<b>\$ 43,542.23</b>	<b>\$ 43,071.20</b>	<b>\$ 46,445.95</b>	<b>\$ 48,470.00</b>	<b>\$ 55,040.00</b>
<b>Supplies &amp; Materials</b>					
01.400.308 Office Supplies	\$ 706.58	\$ 676.31	\$ 709.72	\$ 700.00	\$ 800.00
01.400.309 Materials	11,920.69	17,426.37	16,234.86	22,570.00	21,500.00
01.400.317 Postage	27.15	17.32	16.62	100.00	50.00
01.400.319 Building Supplies	3,979.05	6,386.62	3,545.98	3,030.00	500.00
01.400.320 Tools, Equipment & Supplies	18,430.80	13,821.64	18,922.66	40,900.00	25,480.00
01.400.321 Fuel	12,214.97	20,546.86	29,867.79	30,000.00	32,330.00
01.400.332 Office Furniture & Equipment	16.50	512.91	3,896.03	0.00	6,100.00
01.400.338 Park Upgrades	14,791.52	0.00	11,212.41	22,550.00	63,000.00
<b>Total</b>	<b>\$ 62,087.26</b>	<b>\$ 59,388.03</b>	<b>\$ 84,406.07</b>	<b>\$ 119,850.00</b>	<b>\$ 149,760.00</b>
<b>Maintenance</b>					
01.400.402 Tree Planting	\$ (1,561.92)	\$ 2,425.03	\$ 49,933.66	\$ 27,000.00	\$ 49,500.00
01.400.405 Tree Trimming/Removal	1,607.92	314.36	1,400.00	4,000.00	3,000.00
01.400.420 Vehicle Maintenance(S)	75,217.28	84,072.62	80,375.38	86,000.00	74,240.00
01.400.421 Equipment Maintenance (S)	39,180.34	60,873.31	73,147.34	66,000.00	65,500.00
01.400.422 Radio Maintenance	0.00	0.00	0.00	350.00	300.00
01.400.423 Building Services (R)	5,285.67	5,263.41	9,707.84	14,150.00	63,770.00
01.400.424 Grounds Maintenance (R)	292.97	41.92	181.08	150.00	120.00
01.400.425 Maintenance-Open Space	5,605.42	0.00	0.00	13,700.00	15,000.00
01.400.426 Office Equipment Maintenance	162.89	704.52	378.38	620.00	600.00
<b>Total</b>	<b>\$ 125,790.57</b>	<b>\$ 153,695.17</b>	<b>\$ 215,123.68</b>	<b>\$ 211,970.00</b>	<b>\$ 272,030.00</b>
<b>Capital Expenditures</b>					
01.400.590 Capital Purchase	33,051.14	32,000.00	54,782.00	40,200.00	100,000.00
01.400.593 Park Development	0.00	0.00	0.00	18,000.00	0.00
01.400.594 Capital Lease Payment	0.00	6,167.10	7,622.02	7,625.00	8,630.00
<b>Total</b>	<b>\$ 33,051.14</b>	<b>\$ 38,167.10</b>	<b>\$ 62,404.02</b>	<b>\$ 65,825.00</b>	<b>\$ 108,630.00</b>
<b>Transfers</b>					
01.400.617 Transfer to Pool	\$ 33,514.15	\$ 29,896.36	\$ 8,956.84	\$ 10,615.00	\$ 17,500.00
01.400.680 Transfer to Park Fund	0.00	0.00	0.00	0.00	0.00
<b>Total</b>	<b>\$ 33,514.15</b>	<b>\$ 29,896.36</b>	<b>\$ 8,956.84</b>	<b>\$ 10,615.00</b>	<b>\$ 17,500.00</b>
<b>Other Charges</b>					
01.400.740 Travel/Training/Dues	\$ 6,092.02	\$ 4,724.05	\$ 7,668.18	\$ 9,970.00	\$ 9,280.00
01.400.760 Uniforms & Safety Items	8,785.75	7,411.04	7,139.96	7,100.00	7,600.00
01.400.965 Interest Expense	0.00	1,332.42	1,377.43	1,375.00	400.00
<b>Total</b>	<b>\$ 14,877.77</b>	<b>\$ 13,467.51</b>	<b>\$ 16,185.57</b>	<b>\$ 18,445.00</b>	<b>\$ 17,280.00</b>
<b>Parks Total</b>	<b>\$ 972,910.82</b>	<b>\$ 1,089,467.01</b>	<b>\$ 1,285,106.40</b>	<b>\$ 1,426,900.00</b>	<b>\$ 1,662,090.00</b>



## Community Development Department

### Department/Program Description

The Community Development Department handles land use planning, zoning administration, issuance of building permits, inspections, code enforcement, flood plain administration, and economic development.

<b>Personnel Summary</b>	<b>2003-2004</b>	<b>2004-2005</b>	<b>2005-2006</b>	<b>2006-2007</b>	<b>2007-2008</b>
Assistant Village Manager	1	1	1	1	1
Building Commissioner	1	1	1	1	1
Plan Examiner/Asst. Building Commissioner	1	1	1	1	1
Building Inspectors	3	3	3	3	3
Planner/Senior Planner	1	1	1	1	1
Planning Assistant	1	1	1	1	1
Property Maint./Building Inspector	1	1	2	2	2
Secretary/Clerk	2	2	2	2	2
Intern	2PT	2PT	0	1 PT	1 PT
<b>Total Full-Time Employees</b>	<b>11</b>	<b>11</b>	<b>12</b>	<b>12</b>	<b>12</b>
<b>Total Part-Time Employees</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>1</b>
<b>Total Employees</b>	<b>13</b>	<b>13</b>	<b>12</b>	<b>13</b>	<b>13</b>

### Explanation of New Positions

No new positions are being requested at this time.

### FY2006-2007 Accomplishments

- Continued and implemented the Village's second year of the Public Art Program.
- Continued implementation of the Conservation Community Program, including information on the new website, outreach, press coverage, and Conservation Community day.
- Review significant redevelopment projects in Downtown, including Main Street Commons and Riverside Square.
- Continued joint marketing and programming efforts with the Algonquin Downtown Partnership.
- Coordinate new economic development of the East Algonquin Road corridor and completed plan review and inspections for the Jewel.
- Continue to review the design of the Algonquin Galleria, an upscale shopping center that will include several long sought after businesses including furniture, entertainment, and unique restaurants and begin plan review and inspections.
- Coordinated final approval, plan review, and development for the Esplanade, an upscale mixed-use development that will include restaurant, corporate office, and apartment components.
- Continued taking the lead developing the Water Conservation Program. Carefully coordinated implementation without generating interdepartmental conflicts.
- Organized the second year of the Ted Spella Leadership School.
- Updated the Landscape Code to provide for better enforcement measures.
- Created a new Marketing Program for the Algonquin Corporate Campus which included the development of a logo, strengths and weaknesses assessment, updated marketing materials and significant outreach to site selectors and brokers.
- Several new buildings including Young Innovations and Rothbart started construction or opened in the Corporate Campus.
- Created an open space, parks and trails master plan to assist with capital improvement planning and help guide future recreational improvements.

## Budget Highlights

- High quality inspection services and plan reviews will continue.
- Downtown Revitalization will continue.
- Retail marketing efforts will continue.
- Business Park marketing will continue.
- International Building Codes will be implemented.
- The Public Art Program will be expanded.
- Staff training will be emphasized.

## Future Goals and Objectives

- Conduct plan review and provide inspection services for Algonquin Galleria.
- Conduct plan review and provide inspection services for the Esplanade.
- Continue recruiting new businesses to the Corporate Campus.
- Continue revitalizing downtown through marketing, promotions, grants, loans, public improvements, and signage.
- Certify all building officials in their respective areas of expertise within the next three years, with a particular emphasis on the International Building Code.
- Assist with park planning, open space acquisitions, and trail development, including the development of a master plan (on-going).
- Within the next three years, plan for a neo-traditional, mixed use development for Algonquin's far west side.
- Continue promoting the Algonquin Conservation Community Program including citizen outreach.
- Within the next five years, enable economic development staff to become certified economic developers.

## Departmental Performance Indicators and Statistics

- Interest in Algonquin Corporate Campus from developers and end users has increased.
- Percentage of commercial assessed value continues to increase.
- Residential and commercial property values continue to rise.
- Value of raw commercial and residential land has risen dramatically.
- New developments have unique architecture, are well-planned, and have nice landscaping and signage.
- A greater variety of new commercial business exists.
- Property maintenance complaints are steady, but most complaints (98%) are resolved without legal action.
- Interest in downtown properties from developers has increased as well as new significant private investment from property owners.
- Communication between the Village and other government agencies, media, Chamber of Commerce, and community service organizations has improved.

Indicator	2002	2003	2004	2005	2006
Building Inspections	8791	9871	11864	10,621	7,553
Property Maintenance Inspections	1009	1084	1165	1,850	2,291
Residential Occupancy Permits Issued	514	260	230	293	189
Commercial Occupancy Permits Issued	22	18	49	86	48
Amount of New Commercial Opened	600,000 S.F.	600,000 S.F.	800,000 S.F.	600,000 S.F.	339,000 S.F.
Annual Sales Tax Revenue	\$2,500,000	\$3,000,000	\$4,000,000	\$5,700,000	\$6,500,000

# EXPENDITURES

## Community Development Department

		ACTUAL DOLLARS			06-07 BUDGET	2007-2008 BUDGET
Village of Algonquin		4/30/2004	4/30/2005	4/30/2006	4/30/2007	Board Approved
<b>Community Development Department</b>						
<b>Personnel</b>						
01.500.103	IMRF	\$ 43,340.57	\$ 52,947.85	\$ 60,467.85	\$ 68,400.00	\$ 71,625.00
01.500.104	FICA	42,888.33	48,246.20	50,935.59	55,680.00	59,700.00
01.500.105	Unemployment Tax	2,321.39	3,332.81	3,731.46	3,350.00	3,375.00
01.500.106	Health Insurance	55,057.63	70,311.32	76,062.80	99,750.00	95,100.00
01.500.110	Salaries	561,465.32	612,888.80	668,158.27	716,620.00	865,780.00
01.500.155	Overtime	4,024.87	11,553.79	12,337.41	7,700.00	7,700.00
01.500.170	Salary - Planning/Zoning	2,415.00	2,660.00	1,645.00	3,000.00	3,000.00
<b>Total</b>		<b>\$ 711,513.11</b>	<b>\$ 801,940.77</b>	<b>\$ 873,338.38</b>	<b>\$ 954,500.00</b>	<b>\$ 1,106,280.00</b>
<b>Contractual Services</b>						
01.500.210	Telephone	\$ 8,527.98	\$ 9,250.95	\$ 8,302.88	\$ 9,480.00	\$ 9,840.00
01.500.211	Natural Gas	3,519.63	3,052.38	5,052.30	3,000.00	3,300.00
01.500.212	Electric	(237.80)	0.00	0.00	80.00	80.00
01.500.230	Legal Services	17,760.00	11,115.00	9,855.00	8,000.00	8,000.00
01.500.234	Professional Services	75,295.83	285,782.29	155,739.53	17,105.00	50,000.00
01.500.237	Publications	1,006.93	1,335.20	2,382.77	2,500.00	2,500.00
01.500.238	Printing & Advertising	5,580.78	4,728.84	5,754.34	4,000.00	4,000.00
05.500.250	Equipment Rental	0.00	0.00	0.00	0.00	0.00
<b>Total</b>		<b>\$ 111,453.35</b>	<b>\$ 315,264.66</b>	<b>\$ 187,086.82</b>	<b>\$ 44,165.00</b>	<b>\$ 77,720.00</b>
<b>Supplies &amp; Materials</b>						
01.500.308	Office Supplies	\$ 5,996.10	\$ 4,135.73	\$ 4,185.84	\$ 4,000.00	\$ 4,000.00
01.500.317	Postage	2,779.47	4,104.93	2,500.61	4,000.00	4,000.00
01.500.318	Public Art	0.00	0.00	0.00	1,170.00	5,000.00
01.500.319	Building Supplies	4,456.34	2,874.43	2,583.07	3,040.00	0.00
01.500.320	Tools, Equipment & Supplies	281.11	640.07	2,810.34	2,000.00	2,000.00
01.500.321	Fuel	4,159.78	5,895.36	8,165.49	7,600.00	8,600.00
01.500.332	Office Furniture & Equipment	0.00	1,863.32	13,246.12	12,400.00	14,500.00
<b>Total</b>		<b>\$ 17,672.80</b>	<b>\$ 19,513.84</b>	<b>\$ 33,491.47</b>	<b>\$ 34,210.00</b>	<b>\$ 38,100.00</b>
<b>Maintenance</b>						
01.500.420	Vehicle Maintenance(S)	\$ 21,885.23	\$ 31,018.09	\$ 15,239.96	\$ 18,850.00	\$ 19,160.00
01.500.423	Building Services @	12,386.91	9,828.34	12,216.55	16,760.00	37,340.00
01.500.424	Grounds Maintenance (R)	1,731.24	1,530.00	1,807.61	2,170.00	2,125.00
01.500.426	Office Equipment Maintenance	2,175.23	2,692.00	639.29	3,550.00	3,550.00
<b>Total</b>		<b>\$ 38,178.61</b>	<b>\$ 45,068.43</b>	<b>\$ 29,903.41</b>	<b>\$ 41,330.00</b>	<b>\$ 62,175.00</b>
<b>Capital Expenditures</b>						
01.500.590	Capital Purchase	\$ -	\$ -	\$ 41,458.00	\$ 18,500.00	\$ 48,275.00
<b>Total</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ 41,458.00</b>	<b>\$ 18,500.00</b>	<b>\$ 48,275.00</b>
<b>Other Charges</b>						
01.500.710	Economic Development	\$ 26,020.62	\$ 6,635.79	\$ 8,007.43	\$ 64,000.00	\$ 64,000.00
01.500.740	Travel/Training/Dues	3,709.46	4,217.64	9,464.90	10,925.00	14,000.00
01.500.750	Commission Support Material	192.00	0.00	42.36	300.00	300.00
01.500.760	Uniforms & Safety Items	996.00	906.99	997.12	1,300.00	1,500.00
<b>Total</b>		<b>\$ 30,918.08</b>	<b>\$ 11,760.42</b>	<b>\$ 18,511.81</b>	<b>\$ 76,525.00</b>	<b>\$ 79,800.00</b>
<b>Community Development Total</b>		<b>\$ 909,735.95</b>	<b>\$ 1,193,548.12</b>	<b>\$ 1,183,789.89</b>	<b>\$ 1,169,230.00</b>	<b>\$ 1,412,350.00</b>



## EXPENDITURES Long-Term Debt

		ACTUAL DOLLARS			06-07 Budget	2007-2008 BUDGET
Village of Algonquin		4/30/2004	4/30/2005	4/30/2006	4/30/2007	Board Approved
<b>Bond &amp; Interest</b>						
<b>Long-Term Debt</b>						
01.650.880	Bonds	\$ 85,000.00	\$ 95,000.00	\$ 100,000.00	\$ 105,000.00	\$ 120,000.00
01.650.881	Bond Interest	18,657.50	15,597.50	12,130.00	8,450.00	4,440.00
01.650.882	Bond Fees	379.00	350.00	350.00	400.00	400.00
<b>Long-Term Debt Total</b>		<b>\$ 104,036.50</b>	<b>\$ 110,947.50</b>	<b>\$ 112,480.00</b>	<b>\$ 113,850.00</b>	<b>\$ 124,840.00</b>
This is the second to last payment for the 1998 Series for the original 1991 infrastructure bonds.						

**EXPENDITURES**  
**Multidepartmental**

		ACTUAL DOLLARS			06-07 Budget	2007-2008 BUDGET
Village of Algonquin		4/30/2004	4/30/2005	4/30/2006	4/30/2007	Board Approved
<b>Multidepartmental</b>						
<b>Personnel</b>						
01.900.105	Working Capital	0.00	0.00	0.00	750,000.00	750,000.00
01.900.106	Vehicle Replacement	0.00	0.00	0.00	247,500.00	247,500.00
01.900.333	Computer Network	34,879.85	47,295.46	72,176.32	202,010.00	444,740.00
01.900.590	Capital Purchase	27,668.10	0.00	0.00	0.00	0.00
<b>Total</b>		<b>\$ 62,547.95</b>	<b>\$ 47,295.46</b>	<b>\$ 72,176.32</b>	<b>\$ 1,199,510.00</b>	<b>\$ 1,442,240.00</b>





## Public Works Department Water and Sewer Operating Division

### Department/Program Description

The Utilities Division has three distinct areas of responsibility that provide service to the community. Our Wastewater Treatment operation has the primary responsibility to treat 3 million gallons of sanitary sewer flow each day. Phase 6-A is currently under construction which will increase the rated treatment capacity to 4 million gallons of sanitary flow each day. Phase 6-A is expected to be completed in August of 2007. Phase 6-B, which is expected to be completed April 2008, will increase the rated treatment capacity to 5 million gallons of sanitary flow each day. Responsibility includes meeting the standards set by the Federal and State Environmental Agencies that regulate wastewater treatment operations.

The Underground (or Utilities) operation has the responsibility to maintain the water distribution system (160 miles) and the sanitary sewer collection system (134 miles), as well as the Village's sanitary sewer lift stations (10). These efforts include water and sewer main repairs that are both emergency in nature and purely preventive maintenance. This operation has also been assigned the responsibility for all JULIE locates. We currently perform approximately 400 JULIE locates per month.

The Water Treatment operation is responsible for providing water for residential and commercial use, as well as for fire fighting capabilities. Water treatment process includes pressure filtration, softening, or membrane filtration. We currently operate and maintain three water treatment facilities. Average day usage is approximately 3.01 million gallons per day; however, summer demands may exceed 6 million gallons per day. Other responsibilities include installation and maintenance of the water meter system and water meter data collection and customer service.

<b>Personnel Summary</b>	<b>2002-2003</b>	<b>2003-2004</b>	<b>2004-2005</b>	<b>2005-2006</b>	<b>2006-2007</b>	<b>2007-2008</b>
Utilities Superintendent 50% Water, 50% Sewer	1	1	1	1	1	1
Chief Wastewater Operator	1	1	1	1	1	1
Chief Water Operator	1	1	1	1	1	1
Wastewater Operator	2	2	2	2	2	2
Water Operator	2	2	2	3	3	3
Environmental Compliance Officer						1
Utilities Foreman 50% Water, 50% Sewer	1	1	1	1	1	1
Water and Sewer - Lab Technician 50% Water, 50% Sewer	1	1	1	1	1	1
Maintenance Worker II 50% Water, 50% Sewer	4	4	4	4	4	4
Maintenance Worker I 50% Water, 50% Sewer	5	5	5	5	5	5
Maintenance Worker I 100% Sewer	1	1	1	1	1	1
Maintenance Worker I 100% Water	0	1	1	1	1	1
Water and Sewer - Part-Time Summer 50% Water, 50% Sewer	5	5	5	5	5	5
<b>Total Full-Time Employees</b>	<b>19</b>	<b>20</b>	<b>20</b>	<b>21</b>	<b>21</b>	<b>22</b>
<b>Total Part-Time Employees</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>Total Employees</b>	<b>24</b>	<b>25</b>	<b>25</b>	<b>26</b>	<b>26</b>	<b>27</b>

## **Explanation of New Positions:**

**Environmental Compliance Officer:** We propose increasing the staff of the Utilities Division. Our vision is for the creation of an Environmental Compliance Officer, who would maintain responsibilities in the both the Water and Wastewater Divisions, falling under the direction of the Chief Wastewater Operator. This person requires someone whom is high organized, motivated, displays sound computer skills, and interacts well with commercial/industrial businesses. Responsibilities of the position include:

- Supervision of various Village wide programs, including Industrial Pre-treatment Program, Grease Management, Wellhead Protection, Permit Tracking
- Administrative duties to include maintenance of records, correspondence between the Village and commercial/industrial business
- Site Inspections and sample collection
- Spill response
- Enforcement for non compliance

This position would work closely with a consulting engineer to educate and develop the skills necessary to oversee the various programs. We anticipate this person would fall under the Union contract, at a level equal to a Water/Wastewater Operator.

## **FY2006-2007 Accomplishments:**

### **Wastewater Treatment Facility**

- Five residential structures, located on the property adjacent to the Wastewater Treatment Facility were demolished and debris was disposed of by the Underground Division to prepare the area for the Phase 6 Expansion. The efforts of the Underground Division resulted in a significant cost savings to the Village.
- Phase 6 Expansion began in June. These improvements will increase the hydraulic capacity of the Wastewater Facility from 3.00 MGD to 5.00 MGD. The expansion of the Facility is the largest Public Works project in the Village's history.
- To maintain pace with technology and to simplify reporting requirements, the Wastewater Facility moved to an electronic submission of monthly Discharge Monitoring Report (DMR) to the Illinois EPA. The advantages of the electronic DMR include time savings, less dependency on the mail service, and a simplified format for reporting.
- Met the challenges to maintain a wastewater system that met EPA standards.
- Received a Certificate of Recognition for our participation in and successful compliance with the DMR QA/QC study - the fifth consecutive year for the Village's Lab Technician.
- Further developed a professional, cohesive team.
- Continued participated again in a voluntary Fox River water study intended to determine the overall health of the river. The Village of Algonquin received a certificate of recognition for their participation in the water study.
- Increased our professionalism and exposure by supporting the Chief Wastewater Operator as he participated as a presenter at the annual conference of the Illinois Association of Water Pollution Control Operators, held in Springfield, Illinois.
- To further our base of knowledge, staff attended the National Operators Training Conference, which included technical sessions and "hands on" demonstrations.
- Staff of the Wastewater Facility hosted several site tours for area schools. The largest tour brought 250 students from Heinemann Middle School over a three day period. In addition to the Facility tour, students received a brochure describing the Facility processes, and a complimentary seed packet all intended to promote awareness and environmental responsibility.
- Staff of the Wastewater Facility participated in the annual Conservation Day activities. The theme of this past year's Conservation Day was, "Where Does It Go?"
- Procedures related to the Village's Lock Out/Tag out Program were successfully written.
- Staff of the Wastewater Facility participated in the creation of a promotional sales video for Siemens Water Technology. The video highlighted the Dystor gas collection system. The Village of Algonquin was one of the first in Illinois to utilize this technology in 1990. The video was presented at WEFTEC

'06, a world wide wastewater show that boasts some of the world's top professionals and latest technologies. The video is also being utilized as a training tool for sales people throughout the Siemens Company.

- To increase management skill levels and promote team building, our Chief Wastewater Operator attended a week long school sponsor by the American Public Works Association. The Illinois Public Service Institute proved to be an invaluable experience. This was the first year of a three year program.
- To further our base of knowledge and to view the latest technologies in the field of wastewater treatment, our Chief Wastewater Operator attended WEFTEC '06, held in Dallas, Texas.
- In November, the staff of the Wastewater Facility enthusiastically welcomed a new Maintenance Worker I.

#### Water Treatment Facility

- Ensured a high standard of water quality by meeting or exceeding standards set by the USEPA or IEPA.
- Chemically treated well #8 and #9 to control or eliminate the influence of iron bacteria into the water treatment process (this is done twice per year).
- Chemically treated the filtration system at WTP #2 to control or eliminate the influence of iron bacteria into the water system.
- Employees attended a wide range of technical training seminars that included fire hydrant maintenance, OSHA requirements, various equipment operations and maintenance, as well as other topics relative to our operations.
- Implemented a Backflow Prevention program to protect the water system from hazardous contamination resulting from back siphonage or backpressure. The Utilities Division is successfully tracking and ensuring compliance of the Cross Connection Control Ordinance.
- Completed construction and startup of Water Treatment Plant #3.
- Continued improving and enhancing efficiency of the SCADA system.
- Developed a "sub-unit" of the Water Treatment operations that primary function is to maintain the water metering system. Since the implementation of this element, the efficiency of the meter replacement program is greatly enhanced. This Division anticipates a marked improvement in the overall accountability and efficiency of this work group.
- Hired a third Water Operator to gain efficiency of Water Treatment operations.
- Provided an interconnection between Zones 4 and 5 that provide a continual flow of water between the two zones, thus enhance water quality for consumers that may be adjacent to the interface of the zones. Put an actuating valve in service at Jacobs Tower to properly balance out our zone five.

#### Utilities

- Repaired seven water main breaks, three water service leaks, and two failed main line water distribution valves all of these where emergency repairs.
- Repaired over 105 buffalo boxes.
- Repaired, adjusted, and/or rehabilitated 38 sanitary sewer manholes as part of our ongoing efforts to reduce inflow and infiltration (I&I) in the sanitary sewer-system.
- Serviced 127 fire hydrants (which includes preventative maintenance and repair).
- Operated 1,583 fire hydrants during our hydrant flushing program. (The goal is to flush each hydrant at least once per year.)
- Flushed 67,074 feet of sanitary sewer main.
- Completed 13 scheduled water main shut downs for developers and water main extensions.
- Work with Village staff and consultants to complete a valve exercise program in the water distribution system. This is completed on a four year cycle.
- Replaced the generator at North Harrison lift station. This will ensure reliable service for this lift station.
- Designed and installed odor control unit at Braewood Lift station.



- Completed demolition of the houses in association with the expansion of the Wastewater Treatment Facility. This was completed by Utilities staff providing a considerable cost saving to the village.
- Disconnected the abandoned Braewood sewer line. This reduced a large amount of I&I source that contributed to sanitary sewer overflows.
- Installed inline check valve inside Jacobs's water tower thus improving our control of the water distribution system.
- We supplied and remodeled the "shed" that is used as a kennel providing shelter for stray animals detained by the police department.
- Updated the electric system at N. River road lift station to provide accurate level metering and control.
- Provided personnel and equipment to collect data for the Village's GIS program.
- Continued to monitor areas with the use of Flow Totes to assess problem areas for sewer replacement.
- Assisted the Street Division on a weekly program of cleaning storm catch basins.
- Coordinated a system-wide distribution leak detection program between Village staff and consultants.
- Completed an average of 400 JULIE utility locates per month, thus protecting our infrastructure from excavating damage.
- Our employees attended a wide range of technical training seminars that included fire hydrant maintenance, OSHA requirements, various equipment operations and maintenance as well as other topics relative to our operations.

### **Budget Highlights:**

#### **Wastewater Treatment Facility**

- Completion of a Facility expansion known as Phase 6A, which will increase the capacity from 3.00 MGD to 4.00 MGD, and ultimately 5.00 MGD. Coordination of construction activities, piping connecting new to existing structures, and system start up will consume the majority of staff's time over the next year.
- Re-creation of the Facility's SCADA system. A new systems integrator and software platform are indicating a new, more dynamic SCADA system. The new Supervisory Control and Data Acquisition system will offer a never before control over the operation of Facility equipment and improved monitoring through several new data points.
- Upgrade the digester gas safety controls, including flow meters for the measurement of digester gas produced and utilized through the overall system.
- Development of overall plan to create a "green" facility including the potential use of rain gardens and native landscaping.
- Work to achieve perfect effluent compliance. "Plant of the Year" requires a minimum of three years of perfect effluent compliance.
- Participation in another year of the Fox River Water Study.
- Final implementation of an Industrial Pre-treatment Program.
- Implementation of a food establishment program to address grease and oils discharged to the sanitary sewer system through the use of best management practices.
- Rehabilitation of heat exchanger #2. The heat exchanger will have receive new fire tubes, main gas burner, and control valves. This unit was initially installed in 1990.
- Increase Facility staff by one; an Environmental Compliance Officer to assist with oversight and daily activities related to several programs, included Industrial Pre-treatment, Grease Management, and Well head Protection.
- Attendance at the annual WEFTEC '07 show. Our Chief Operator has submitted an abstract and may have the opportunity to present a paper.
- Attendance by the Chief Wastewater Operator at his second year of the Illinois Public Service Institute.
- Preparation of the Facility to highlight the Village during Visitation Day 2007.
- Obtaining greater familiarity with GIS, using it to its full capabilities.

## Water Treatment Facility

- Provide extensive training for the operators that will enable proficient operation and maintenance of the new facilities.
- Continued improvement in our ability to provide for the "balancing" of the reservoir and water storage facilities throughout the community. In particular is the need to ensure each of the components of Pressure Zone #5 is fully utilized. This includes wells, pumps, water storage tanks, and treatment facilities.
- Host an Illinois Section AWWA Visitation event. This program is sponsored by the Illinois Section of the American Water Works Association as an opportunity for water treatment operators to visit and view various water treatment operations and technologies. Our goal is to provide an opportunity for statewide operators to view the Village's membrane filter operation proposed as part of the Water Treatment Facility #3. Viewing of this new technology being proposed for the treatment of ground water would be an excellent opportunity for the many professionals within the water treatment industry.
- Continue to strive to achieve 100% change over to radio read meter system from the phone read system. (As of January 2007, staff had changed over approximately 33% of the system to radio read.)
- Training for employees to maintain and obtain a high level of knowledge in operations and maintenance on all facilities and equipment.

## Utilities

- Complete installation of North Harrison Generator.
- Commit to the collection of data that will provide reliable and accurate information for the GIS program.
- Continue education of members of the Utilities Crew, thus developing a professional, well educated, service group that will provide a safe, high level quality of service to our community.

## Future Goals and Objectives

### Wastewater Treatment Facility

- Work towards realization of Industrial Pre-treatment Program.
- Work towards realization of a food establishment program to monitor and control grease and oil discharged to tile sanitary sewer system.
- Comply with copper limits.
- Continue development of a well-organized maintenance program.
- Comply with a lock out/tag out program.
- Develop an "in house" education program to prepare potential operators for license examinations and provide for continuing education units to maintain operator certifications.
- Improve the SCADA system with the ability to control the operation of equipment, remotely.
- Realize production of Class A sludge.
- Work to establish a facility rated for 5.00 MGD (up from our current 3.00 MGD).
- Work to establish a facility rated for 8.00 MGD (up from 5.00 MGD), the ultimate build out capacity for the Village.
- Organize facility records and procedures to earn an ISO rating.
- Participation in Visitation Day in 2007.
- Completion of a three year management program through the Illinois Public Service Institute.
- Expand our program of distributing treated effluent for contractor use. Seek continued support of this program from IEPA and local environmental organizations.
- Realization of a "green" Facility.
- Receive a nomination for "Plant of the Year".
- Creation of a public education program to include presentations to local schools and site tours to various organizations.

## Water Treatment Facility

- Meet or exceed all current and future standards that are established by both the USEPA and the IEPA.
- Provide safe and reliable water for the residential and business communities.
- Develop deep and shallow wells to provide adequate resources of water.
- Maintain back-flow prevention monitoring and inspection program.
- Strive to ensure efficient and reliable operation of each of the water treatment facilities. Current treatment of well #10 water may be modified in a manner that would permit reliable use of the deep well aquifer without diminishing water quality.
- Modification of the filtration process at WTP#2 that would ensure operators are performing proper backwash procedures in the same fashion as performed at WTP #1.

## Utilities

- Commit to the collection of data that will provide reliable and accurate information for the GIS program.
- Continue providing education for members of the Utilities Crew, thus developing a professional, well educated, service group that will provide a safe, high level quality of service to our community.
- Reduce water loss and unaccounted for water through leak surveys and documentation of water usage.
- Reduce I/I into sanitary sewer system through aggressive monitoring of the system, identification of sources of I/I and elimination of these sources.
- Provide continuous inspections and maintenance to sanitary sewer system thus avoiding the possibility of backups.

## Departmental Performance Indicators

<u>Year</u>	<u>Water Produced</u>	<u>Wastewater Treated</u>
1999/2000	988.29 Million Gallons	703.26 Million Gallons
2000/2001	1068.25 Million Gallons	822.02 Million Gallons
2001/2002	1044.40 Million Gallons	1105.80 Million Gallons
2002/2003	1070.59 Million Gallons	1021.48 Million Gallons
2003/2004	1027.91 Million Gallons	1105.01 Million Gallons
2004/2005	1043.42 Million Gallons	1048.36 Million Gallons
2005/2006	1097.99 Million Gallons	1034.33 Million Gallons



# REVENUES

## Water and Sewer Operating Fund

		ACTUAL DOLLARS			06-07 Budget	2007-2008 BUDGET
Village of Algonquin		4/30/2004	4/30/2005	4/30/2006	4/30/2007	Board Approved
<b>Water &amp; Sewer Operating Fund</b>						
07.31210	Interest	\$ 1,572.60	\$ 1,774.81	\$ 4,782.09	\$ 3,000.00	\$ 7,000.00
07.31240	Interest - Illinois Funds	98.85	168.00	50.75	100.00	100.00
07.31426	Donations-Operating-W&S	0.00	5,000.00	3,200.00	0.00	0.00
07.31454	Grants-Capital-Business	0.00	0.00	0.00	0.00	0.00
07.34100	Water Fees	1,615,364.61	1,900,310.82	2,283,475.49	2,349,300.00	2,501,500.00
07.34200	Sewer Fees	1,647,965.11	1,802,685.28	2,147,909.75	2,224,500.00	2,336,000.00
07.34300	Service Charge	(212.03)	1,087.43	(15.82)	1,000.00	1,000.00
07.34400	Late Charges	42,673.86	46,201.66	55,965.13	55,000.00	55,000.00
07.34500	Administrative Fees	8,753.44	10,879.14	7,912.94	8,000.00	12,000.00
07.34700	Fines/Penalties	10,025.00	6,500.00	17,700.00	15,000.00	7,500.00
07.36300	Rental Income*	0.00	0.00	41,388.23	41,000.00	58,450.00
07.38100	Meter Sales	194,425.00	234,550.00	189,675.00	225,000.00	105,000.00
07.39100	Transfer from Bond Reserve	0.00	10,000.00	11,429.51	0.00	0.00
07.39113	Transfer from Bond Depreciation	0.00	4,000.00	6,348.58	0.00	0.00
07.39900	Other Revenue***	2,550.67	3,185.00	2,105.00	22,500.00	10,000.00
07.39904	Sale of Surplus Property	0.00	(39,814.00)	(33,795.00)	6,000.00	0.00
07.39915	Infrastructure Billings	5,000.00	0.00	0.00	0.00	0.00
<b>Water &amp; Sewer Operating Fund Subtotal</b>		<b>\$ 3,528,217.11</b>	<b>\$ 3,986,528.14</b>	<b>\$ 4,738,131.65</b>	<b>\$ 4,950,400.00</b>	<b>\$ 5,093,550.00</b>
<b>Capitalized Assets</b>						
07.39106	Transfer from W&S Construction	1,070,466.73	0.00	0.00	0.00	0.00
07.39108	Transfer from W&S Improvements	940,409.66	7,478,029.16	7,441,901.83	0.00	0.00
<b>Capitalized Assets Subtotal</b>		<b>\$ 2,010,876.39</b>	<b>\$ 7,478,029.16</b>	<b>\$ 7,441,901.83</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Water &amp; Sewer Operating Fund Total</b>		<b>\$ 5,539,093.50</b>	<b>\$ 11,464,557.30</b>	<b>\$ 12,180,033.48</b>	<b>\$ 4,950,400.00</b>	<b>\$ 5,093,550.00</b>
Actual figures have been adjusted, per auditor.						
*Previously in General Fund. Accounts for rental from Foresite Wireless and PrimeCo/US Cellular for tower rental fees.						
WATER/SEWER FEES: The water and sewer revenues are projected based upon fiscal year 2005/2006 actual water billed.						
We expect increased water demand during this fiscal year due to increased growth, in particular new restaurants and businesses.						
Additionally, the water and sewer rates will increase this fiscal year.						
*** We anticipate receiving a minimum of \$10,000 in permit fees for the proposed pretreatment ordinance.						
These fees are somewhat arbitrary today, since we do not have the ordinance in place at this time.						
We anticipate the ordinance will be considered by the Village Board early this fiscal year.						
This amount is reflected in line item 07.39900 "Other Revenue."						

**EXPENDITURES**  
**Water and Sewer Operating Fund**  
**TOTALS**

	ACTUAL DOLLARS			06-07 BUDGET	2007-2008 Budget
	4/30/2004	4/30/2005	4/30/2006	4/30/2007	Board Approved
Village of Algonquin Water and Sewer					
Total	\$ 5,495,549.38	\$ 9,387,896.21	\$ 15,708,639.96	\$ 4,950,400.00	\$ 5,048,900.00

# EXPENDITURES

## Public Works - Water Division

		ACTUAL DOLLARS			06-07 Budget	2007-2008 BUDGET
Village of Algonquin		4/30/2004	4/30/2005	4/30/2006	4/30/2007	Board Approved
<b>Water and Sewer Operating Fund</b>						
<b>Personnel</b>						
07.700.103	IMRF	\$ 43,506.03	\$ 50,879.77	\$ 59,334.00	\$ 77,050.00	\$ 68,190.00
07.700.104	FICA	42,758.62	45,338.03	50,644.52	63,850.00	56,715.00
07.700.105	Unemployment Tax	2,501.18	3,322.35	3,893.04	4,200.00	4,405.00
07.700.106	Health Insurance	70,640.14	88,910.16	96,869.83	112,200.00	110,675.00
07.700.110	Salaries	565,680.49	579,296.16	653,084.59	778,100.00	721,230.00
07.700.155	Overtime	31,746.27	25,682.48	29,882.88	40,000.00	31,585.00
<b>Total</b>		<b>\$ 756,832.73</b>	<b>\$ 793,428.95</b>	<b>\$ 893,708.86</b>	<b>\$ 1,075,400.00</b>	<b>\$ 992,800.00</b>
<b>Contractual Services</b>						
07.700.210	Telephone	\$ 4,717.60	\$ 5,554.57	\$ 4,964.12	\$ 6,090.00	\$ 4,970.00
07.700.211	Natural Gas	19,045.23	11,663.85	32,410.98	32,600.00	33,050.00
07.700.212	Electric	168,264.81	230,315.54	246,740.60	327,210.00	398,960.00
07.700.215	Alarm Lines	0.00	0.00	0.00	960.00	700.00
07.700.225	Bank Processing Fees	4,733.06	9,061.44	8,993.92	9,500.00	15,000.00
07.700.230	Legal Services	9,571.60	10,035.17	3,748.93	10,000.00	6,000.00
07.700.231	Audit Services	2,800.00	3,700.05	2,932.50	3,300.00	3,075.00
07.700.232	Engineering Services	16,840.28	30,838.97	4,028.45	17,000.00	21,000.00
07.700.234	Professional Services	82,593.01	104,405.42	59,817.35	89,100.00	94,200.00
07.700.236	Insurance	95,848.10	87,471.94	75,361.39	82,750.00	103,100.00
07.700.237	Publications	1,666.05	1,107.84	1,048.57	2,150.00	2,150.00
07.700.238	Printing & Advertising	12,872.24	5,793.74	9,680.54	8,900.00	6,900.00
07.700.250	Equipment Rental	2,422.37	912.50	2,977.72	3,720.00	3,100.00
07.700.255	Physical Exams	259.25	70.20	322.93	600.00	700.00
<b>Total</b>		<b>\$ 421,633.60</b>	<b>\$ 500,931.23</b>	<b>\$ 453,028.00</b>	<b>\$ 593,880.00</b>	<b>\$ 692,905.00</b>
<b>Supplies &amp; Materials</b>						
07.700.308	Office Supplies	\$ 1,836.91	\$ 1,406.84	\$ 1,728.09	\$ 1,500.00	\$ 1,800.00
07.700.309	Materials	8,057.94	8,372.84	3,455.84	13,570.00	11,970.00
07.700.316	Chemicals	101,230.65	138,452.33	148,738.76	166,500.00	147,500.00
07.700.317	Postage	27,921.00	23,924.92	24,457.69	26,800.00	29,700.00
07.700.319	Building Supplies	5,194.70	6,450.81	4,658.89	3,240.00	1,000.00
07.700.320	Tools, Equipment & Supplies	94,647.94	20,888.42	22,143.46	26,830.00	12,960.00
07.700.321	Fuel	13,410.91	18,376.79	25,219.93	25,600.00	30,400.00
07.700.322	Lab Supplies	4,195.40	2,913.68	4,412.40	4,100.00	7,430.00
07.700.332	Office Furniture & Equipment	22,344.81	13,920.00	4,836.90	7,950.00	10,960.00
07.700.340*	Meters & Meter Supplies	0.00	0.00	147,383.20	93,440.00	80,940.00
<b>Total</b>		<b>\$ 278,840.26</b>	<b>\$ 234,706.63</b>	<b>\$ 387,035.16</b>	<b>\$ 369,530.00</b>	<b>\$ 334,660.00</b>
<b>Maintenance</b>						
07.700.404	Wells	\$ 14,354.57	\$ 59,578.50	\$ 44,345.29	\$ 17,950.00	\$ 49,570.00
07.700.410	Booster Station	96,955.05	7,151.60	22,063.58	21,900.00	22,330.00
07.700.411	Maintenance Storage Facility	14,183.86	2,619.36	12,349.72	12,750.00	24,090.00
07.700.412	Treatment Facility	49,846.37	36,047.77	23,625.98	19,710.00	25,540.00
07.700.415	Distribution System	33,622.29	46,150.08	33,701.05	122,830.00	36,550.00
07.700.420	Vehicle Maintenance (S)	41,840.98	64,276.43	37,320.81	40,000.00	32,450.00
07.700.421	Equipment Maintenance (S)	5,079.43	5,786.70	4,759.07	5,000.00	26,600.00
07.700.422	Radio Maintenance	0.00	67.99	0.00	350.00	300.00
07.700.423	Building Services (R)	5,414.76	6,439.72	11,441.70	20,290.00	87,290.00
07.700.424	Grounds Maintenance (R)	45,724.50	8,659.87	12,410.84	17,290.00	8,320.00
07.700.426	Office Equipment Maintenance	134.61	679.44	394.42	620.00	700.00
<b>Total</b>		<b>\$ 307,156.42</b>	<b>\$ 237,457.46</b>	<b>\$ 202,412.46</b>	<b>\$ 278,690.00</b>	<b>\$ 313,740.00</b>
<b>Capital Expenditures</b>						
07.700.550	Meters & Meter Supplies		\$ 109,592.55	\$ -	Moved to 340.	
07.700.590	Capital Purchase	40,753.75	0.00	0.00	79,100.00	11,500.00
07.700.594	Capital Lease Payments	0.00	0.00	0.00	0.00	0.00
<b>Total</b>		<b>\$ 40,753.75</b>	<b>\$ 109,592.55</b>	<b>\$ -</b>	<b>\$ 79,100.00</b>	<b>\$ 11,500.00</b>

**EXPENDITURES**  
**Public Works - Water Division**

<b>Transfers</b>						
07.700.610	Transfer to W&S Depreciation	\$ -	\$ -	\$ -	\$ -	\$ -
07.700.620	Transfer to W&S Bond & Interest**	209,500.00	235,212.50	58,000.00	246,050.00	245,975.00
07.700.630	Transfer to W&S Bond Reserve	0.00	0.00	0.00	0.00	0.00
<b>Total</b>		<b>\$ 209,500.00</b>	<b>\$ 235,212.50</b>	<b>\$ 58,000.00</b>	<b>\$ 246,050.00</b>	<b>\$ 245,975.00</b>
<b>Other Charges</b>						
07.700.740	Travel/Training/Dues	\$ 6,132.51	\$ 8,236.50	\$ 7,998.26	\$ 12,300.00	\$ 9,750.00
07.700.760	Uniforms & Safety Items	10,023.62	7,435.06	7,763.29	6,800.00	7,300.00
07.700.884	Amortization Expense	0.00	0.00	0.00	0.00	0.00
07.700.960	Depreciation Expense	0.00	0.00	0.00	0.00	0.00
<b>Total</b>		<b>\$ 16,156.13</b>	<b>\$ 15,671.56</b>	<b>\$ 15,761.55</b>	<b>\$ 19,100.00</b>	<b>\$ 17,050.00</b>
<b>Water Subtotal</b>		<b>\$ 2,030,872.89</b>	<b>\$ 2,127,000.88</b>	<b>\$ 2,009,946.03</b>	<b>\$ 2,661,750.00</b>	<b>\$ 2,608,630.00</b>
<b>Less Capitalization of Fixed Assets</b>		<b>\$ (220,882.13)</b>	<b>\$ (175,000.00)</b>	<b>\$ -</b>		
<b>Water Total</b>		<b>\$ 1,809,990.76</b>	<b>\$ 1,952,000.88</b>	<b>\$ 2,009,946.03</b>	<b>\$ 2,661,750.00</b>	<b>\$ 2,608,630.00</b>
Actual figures have been adjusted to reflect capitalization of fixed assets and bond payments, per the auditors.						
*07.700.340, Meters & Meter Supplies, was previously budgeted under 07.700.550, Meters & Meter Supplies.						



**EXPENDITURES**  
**Public Works - Sewer Division**

		ACTUAL DOLLARS			06-07 Budget	2007-2008 BUDGET
		4/30/2004	4/30/2005	4/30/2006	4/30/2007	Board Approved
<b>Village of Algonquin</b>						
<b>Water and Sewer Operating Fund</b>						
<b>Personnel</b>						
07.800.103	IMRF	\$ 46,385.76	\$ 56,610.77	\$ 57,148.26	\$ 68,500.00	\$ 73,610.00
07.800.104	FICA	45,687.21	50,656.45	48,279.13	57,025.00	61,410.00
07.800.105	Unemployment Tax	2,689.34	3,685.43	3,689.74	3,675.00	4,680.00
07.800.106	Health Insurance	68,771.63	86,144.33	83,897.66	101,650.00	108,240.00
07.800.110	Salaries*	625,473.25	653,302.57	624,805.40	694,500.00	775,205.00
07.800.155	Overtime	27,801.97	31,868.05	29,793.31	37,400.00	34,930.00
<b>Total</b>		\$ 816,809.16	\$ 882,267.60	\$ 847,613.50	\$ 962,750.00	\$ 1,058,075.00
<b>Contractual Services</b>						
07.800.210	Telephone	\$ 5,002.35	\$ 5,361.39	\$ 5,419.19	\$ 6,140.00	\$ 4,870.00
07.800.211	Natural Gas	36,208.40	20,293.24	19,546.83	22,900.00	27,900.00
07.800.212	Electric	124,057.70	169,044.60	200,855.46	167,075.00	205,990.00
07.800.215	Alarm Lines	0.00	0.00	633.00	960.00	700.00
07.800.225	Bank Processing Fees	4,733.02	9,061.46	8,993.88	9,500.00	15,000.00
07.800.230	Legal Services	8,191.60	11,547.91	3,748.90	9,000.00	7,000.00
07.800.231	Audit Services	2,800.00	3,700.05	2,932.50	3,300.00	3,075.00
07.800.232	Engineering Services	16,231.24	33,458.52	8,356.06	24,500.00	46,000.00
07.800.234	Professional Services	74,255.81	74,048.01	58,326.67	81,175.00	81,225.00
07.800.236	Insurance	82,950.26	76,497.62	69,764.99	76,400.00	87,175.00
07.800.237	Publications	794.06	862.42	709.92	2,000.00	1,600.00
07.800.238	Printing & Advertising	1,126.83	795.39	5,674.97	5,800.00	3,650.00
07.800.250	Equipment Rental	1,905.96	6,667.78	3,402.37	6,000.00	2,600.00
07.800.255	Physical Exams	414.55	23.40	139.17	600.00	700.00
07.800.262	Sludge Removal	46,105.75	45,406.00	57,737.00	70,550.00	61,500.00
<b>Total</b>		\$ 404,777.53	\$ 456,767.79	\$ 446,240.91	\$ 485,900.00	\$ 548,985.00
<b>Supplies &amp; Materials</b>						
07.800.308	Office Supplies	\$ 1,320.35	\$ 1,245.90	\$ 986.26	\$ 2,150.00	\$ 1,500.00
07.800.309	Materials	6,511.91	6,895.95	4,423.60	12,600.00	12,600.00
07.800.316	Chemicals	36,999.26	50,638.28	66,774.01	96,100.00	83,000.00
07.800.317	Postage	21,122.18	20,944.52	22,833.93	24,900.00	27,200.00
07.800.319	Building Supplies	4,124.51	6,777.28	4,614.32	3,190.00	2,000.00
07.800.320	Tools, Equipment & Supplies	99,262.38	22,362.31	25,011.20	32,790.00	19,660.00
07.800.321	Fuel	8,867.74	10,548.68	16,717.15	20,600.00	22,200.00
07.800.322	Lab Supplies	3,809.13	3,889.09	3,739.12	4,100.00	4,100.00
07.800.332	Office Furniture & Equipment	12,771.36	11,548.57	7,351.84	6,400.00	13,010.00
07.800.340	Meters & Meter Supplies*	0.00	0.00	147,411.67	93,420.00	80,940.00
<b>Total</b>		\$ 194,788.82	\$ 134,850.58	\$ 299,863.10	\$ 296,250.00	\$ 266,210.00
<b>Maintenance</b>						
07.800.412	Treatment Facility	\$ 73,384.72	\$ 75,422.88	\$ 53,705.21	\$ 65,790.00	\$ 53,650.00
07.800.414	Lift Station Maintenance	38,374.30	45,302.12	14,515.52	27,100.00	34,725.00
07.800.416	Collection System Maintenance	5,078.92	6,643.92	2,196.22	14,650.00	13,950.00
07.800.420	Vehicle Maintenance (S)	24,833.16	29,111.88	40,048.99	40,000.00	45,300.00
07.800.421	Equipment Maintenance (S)	7,915.69	11,571.19	21,519.37	20,600.00	29,920.00
07.800.422	Radio Maintenance	0.00	18.00	0.00	350.00	300.00
07.800.423	Building Services (R)	17,097.68	18,545.15	14,030.38	29,400.00	86,360.00
07.800.424	Grounds Maintenance (R)	8,274.94	5,912.29	7,834.90	3,190.00	570.00
07.800.426	Office Equipment Maintenance	209.13	788.96	378.31	870.00	1,100.00
<b>Total</b>		\$ 175,168.54	\$ 193,316.39	\$ 154,228.90	\$ 201,950.00	\$ 265,875.00
<b>Capital Expenditures</b>						
07.800.550	Meters & Meter Supplies*		\$ 109,534.80	\$ -		
07.800.590	Capital Purchase**	19,653.76	0.00	0.00	73,100.00	30,000.00
07.800.594	Capital Lease Payments	0.00	0.00	0.00	0.00	0.00
07.800.599	Lease Payments	0.00	0.00	0.00	0.00	3,800.00
<b>Total</b>		\$ 19,653.76	\$ 109,534.80	\$ -	\$ 73,100.00	\$ 33,800.00

**EXPENDITURES**  
**Public Works - Sewer Division**

<b>Transfers</b>						
07.800.610	Transfer to W&S Depreciation	\$ -	\$ -	\$ -	\$ -	\$ -
07.800.620	Transfer to W&S Bond & Interest**	209,500.00	235,212.50	58,000.00	246,050.00	245,975.00
07.800.630	Transfer to W&S Bond Reserve	0.00	0.00	0.00	0.00	0.00
07.800.635	Transfer to W&S Improvement	Added 11/13/06	0.00	8,886,718.51	0.00	0.00
<b>Total</b>		\$ 209,500.00	\$ 235,212.50	\$ 8,944,718.51	\$ 246,050.00	\$ 245,975.00
<b>Other Charges</b>						
07.800.740	Travel/Training/Dues	\$ 6,161.42	\$ 6,754.22	\$ 7,102.83	\$ 14,000.00	\$ 13,550.00
07.800.760	Uniforms & Safety Items	12,178.38	16,468.51	9,745.90	8,650.00	7,800.00
07.800.881	Bond Interest Expense	(976.67)	(1,086.50)	73,696.28	0.00	0.00
07.800.883	Bond Refunding Loss	0.00	0.00	0.00	0.00	0.00
07.800.884	Amortization Expense	27,464.44	27,464.44	0.00	0.00	0.00
07.800.960	Depreciation Expense	2,007,187.00	5,549,345.00	2,915,484.00	0.00	0.00
<b>Total</b>		\$ 2,052,014.57	\$ 5,598,945.67	\$ 3,006,029.01	\$ 22,650.00	\$ 21,350.00
<b>Sewer Subtotal</b>		\$ 3,872,712.38	\$ 7,610,895.33	\$ 13,698,693.93	\$ 2,288,650.00	\$ 2,440,270.00
<b>Less Capitalization of Fixed Assets</b>		\$ (187,153.76)	\$ (175,000.00)	\$ -	\$ -	\$ -
<b>Sewer Total</b>		\$ 3,685,558.62	\$ 7,435,895.33	\$ 13,698,693.93	\$ 2,288,650.00	\$ 2,440,270.00
Actual figures have been adjusted to reflect capitalization of fixed assets and bond payments, per the auditors.						
*07.700.340, Meters & Meter Supplies, was previously budgeted under 07.700.550, Meters & Meter Supplies.						

## Public Works Department Vehicle and Equipment Maintenance Division

### Department/Program Description

The Vehicle and Equipment Maintenance Division (also known as the Fleet Maintenance Division) is a mission driven team who focuses on any given task to achieve a goal. Fleet Maintenance is responsible for maintenance and repair of 93 trucks and cars, 40 pieces of engine driven equipment, and over 150 implements, attachments and accessories that are required to serve the Village of Algonquin. Fleet Maintenance is a self sufficient entity that constantly measures itself through analyzing data, comparing findings to industry standards, and making the necessary adjustments. Fleet maintains a minimal parts inventory to keep vehicle availability high and turnaround times for repair low. This parts inventory is kept secured and accounted for daily by our Stock Coordinator. Additionally, we provide and monitor fueling systems for Administration, Community Development, Police Department, Public Works, and the Algonquin-Lake in the Hills Fire Protection District. We research and implement programs that keep the Village vehicles and equipment compliant with federal emission guidelines and are constantly looking for most efficient and cost effective ways to operate this fleet.

<b>Personnel Summary</b>	<b>2003-2004</b>	<b>2004-2005</b>	<b>2005-2006</b>	<b>2006-2007</b>	<b>2007-2008</b>
Internal Services Superintendent				1	.5**
Fleet Manager	1	1	1	0	0
Senior Fleet Mechanic	0	1	1	1	1
Stock Coordinator*	.5	.5	.5	.5	.5
Fleet Mechanic	2	1	1	1	2
Service Technician	1	1	1	1	0
<b>Total Full-Time Employees</b>	<b>5</b>	<b>5</b>	<b>4.5</b>	<b>4.5</b>	<b>4</b>
<b>Total Part- Time Employees</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Employees</b>	<b>5</b>	<b>5</b>	<b>4.5</b>	<b>4.5</b>	<b>4</b>

*\*Stock Coordinator is a full time position, with funding of salary split evenly between the Vehicle Maintenance Division budget and the Public Works Administration budget.*

*\*\*The Internal Services Superintendent position is shared between the Building Services and Vehicle Maintenance Divisions.*

### Explanation of New Positions

Staff proposes to promote the Service Technician to Fleet Mechanic. The offset to the Village of Algonquin by promoting this individual is that he is almost expressly used in the up fitting of Police and Public Works vehicles. This area of expertise has saved the village thousands in outsourcing and literally hundreds of man hours lost to shuttling of vehicles, return visits for poor installations and lost time with in house repairs being unfamiliar with the installation. His talent level is greater than that of an MI / Lube technician. The Village has spent money and time to train this individual and he is worth retaining. The MI / Lube Technician position is recommended for the 2010 – 2011 budget year.

### FY2006-2007 Accomplishments

- Current overtime has been reduced significantly.
- Currently outsourced numbers are down.
- All mid year numbers appear to be on course for a reasonably accurate year end.
- Invoice job cost average \$110.02 per job.
- Completed inventory control to include cycle count.
- Completed monthly reporting.
- Instituted budget management.

- Supported the vehicle replacement program.
- Continued to be responsive to the customer base.
- Maintained 98% fleet availability.
- Maintained 98% preventative maintenance (PM) efficiency.
- Experienced less than 1% mechanic comeback .
- Experienced less than 1% parts failure.
- 88% of mechanic time was billed out.
- Achieved Silver level of Clean Air Counts.

#### **Budget Highlights**

- This division will purchase an alternative fuel/hybrid vehicle, as part of our focus on environmentally-friendly operations while continuing to be fiscally responsible.
- Funding is included in this budget to continue our practice of training and educating our staff.

#### **Future Goals and Objectives**

- Promote the Service Technician to Fleet Mechanic.
- Accomplish 100% PM compliance.
- Focus on perfect score of 10 in customer evaluations.
- Launch Internal Services monthly newsletter.
- Repaint dump boxes.
- Obtain additional A.S.E. certifications.
- Expand Biodiesel program.
- Improve communications with customers.
- Enhance vehicle outside parking outside of Fleet Maintenance.
- Launch Help Desk for Internal Services.
- Reduce dependency on fossil fuels.
- Fleet Manager Certification.

<b>Divisional Performance Indicators and Statistics</b>				
<b>Year</b>	<b>Total Vehicles</b>	<b>Total Repair Orders</b>	<b>Total Jobs Performed</b>	<b>Total Yearly Cost</b>
<b>1999/2000</b>	280	383	1281	\$202,047.30
<b>2000/2001</b>	284	840	2376	\$385,111.20
<b>2001/2002</b>	288	2009	4408	\$598,468.49
<b>2002/2003</b>	293	1989	3510	\$533,413.79
<b>2003/2004</b>	299	2200	3500	\$550,000.00
<b>2004/2005</b>	304	1350	2800	\$500,000.00
<b>2005/2006</b>	305	1922	4,214	\$438,295.00*
<b>2006/2007</b>	<b>302</b>	<b>3128</b>	<b>5826</b>	<b>\$640,960.00*</b>

*\*Statistics presented for 2005/2006 are projected based on the first six months of the year.*



**REVENUES**  
**Vehicle Maintenance Service Fund**

		ACTUAL DOLLARS			06-07 Budget	2007-2008 BUDGET
Village of Algonquin		4/30/2004	4/30/2005	4/30/2006	4/30/2007	Board Approved
Vehicle Maintenance Service Fund						
29.39102	Transfer from General Fund	\$ -	\$ -	\$ -	\$ -	
29.39300	Maintenance Billings	635,425.81	688,816.19	674,265.51	628,340.00	665,725.00
29.39320	Fuel	107,850.52	156,343.25	224,965.93	215,610.00	252,815.00
29.39321	Fire District Fuel	23,669.69	32,673.84	43,320.61	50,070.00	48,300.00
29.39904	Sale of Surplus Property	5,931.40	0.00	58.75	0.00	0.00
Veh. Maint. Service Fund Total		\$ 772,877.42	\$ 877,833.28	\$ 942,610.80	\$ 894,020.00	\$ 966,840.00

**EXPENDITURES**  
**Vehicle Maintenance Service Fund**

		ACTUAL DOLLARS			06-07 Budget	2007-2008 BUDGET
Village of Algonquin		4/30/2004	4/30/2005	4/30/2006	4/30/2006	Board Approved
<b>Vehicle Maintenance Service Fund</b>						
<b>Personnel</b>						
29.900.103	IMRF	\$ 16,038.63	\$ 18,283.77	\$ 20,332.77	\$ 21,100.00	\$ 19,350.00
29.900.104	FICA	15,516.37	16,187.62	17,210.70	17,000.00	16,050.00
29.900.105	Unemployment Tax	980.00	1,079.01	1,508.39	1,200.00	1,050.00
29.900.106	Health Insurance	28,658.63	19,475.44	26,299.08	30,100.00	41,425.00
29.900.110	Salaries	187,413.47	191,393.19	214,368.56	209,000.00	201,175.00
29.900.155	Overtime	11,773.63	21,008.07	12,222.71	13,000.00	8,000.00
<b>Total</b>		<b>\$ 260,380.73</b>	<b>\$ 267,427.10</b>	<b>\$ 291,942.21</b>	<b>\$ 291,400.00</b>	<b>\$ 287,050.00</b>
<b>Contractual Services</b>						
29.900.210	Telephone	\$ 3,176.00	\$ 3,894.05	\$ 3,263.13	\$ 3,280.00	\$ 2,710.00
29.900.211	Natural Gas	10,474.07	6,496.69	7,970.07	15,000.00	10,500.00
29.900.212	Electric	911.35	(911.35)	0.00	0.00	0.00
29.900.234	Professional Services	15,290.01	8,824.23	4,182.04	5,550.00	6,800.00
29.900.237	Publications	779.88	1,441.17	1,144.52	2,000.00	700.00
29.900.238	Printing & Advertising	4,021.33	4,772.94	268.45	1,160.00	960.00
29.900.250	Equipment Rental	2,357.78	955.96	828.97	1,050.00	1,640.00
29.900.255	Physical Exams	119.70	426.51	0.00	300.00	350.00
<b>Total</b>		<b>\$ 37,130.12</b>	<b>\$ 25,900.20</b>	<b>\$ 17,657.18</b>	<b>\$ 28,340.00</b>	<b>\$ 23,660.00</b>
<b>Supplies &amp; Materials</b>						
29.900.308	Office Supplies	\$ 1,500.79	\$ 1,185.84	\$ 1,128.38	\$ 1,200.00	\$ 1,200.00
29.900.317	Postage	57.65	20.02	88.07	300.00	200.00
29.900.319	Building Supplies	9,168.63	7,067.13	6,388.36	3,100.00	0.00
29.900.320	Tools, Equipment & Supplies	15,922.66	31,427.39	20,919.06	8,650.00	14,570.00
29.900.321	Fuel	3,295.14	3,112.30	3,449.50	4,600.00	8,000.00
29.900.328	Fleet Parts/Fluids	210,521.81	228,881.03	203,859.53	182,830.00	192,830.00
29.900.329	Fuel - Cost of Sales	142,557.48	203,130.93	256,524.94	264,270.00	299,200.00
29.900.332	Office Furniture & Equipment	2,837.09	2,817.80	1,849.00	8,900.00	7,150.00
<b>Total</b>		<b>\$ 385,861.25</b>	<b>\$ 477,642.44</b>	<b>\$ 494,206.84</b>	<b>\$ 473,850.00</b>	<b>\$ 523,150.00</b>
<b>Maintenance</b>						
29.900.420	Vehicle Maintenance	\$ 4,917.42	\$ (1,994.55)	\$ 4,426.45	\$ 4,000.00	\$ 5,000.00
29.900.421	Equipment Maintenance	1,968.63	1,256.95	3,963.70	1,000.00	1,500.00
29.900.422	Radio Maintenance	99.98	59.98	0.00	150.00	150.00
29.900.423	Building Services (S)	2,422.84	11,813.83	10,842.86	24,230.00	48,470.00
29.900.424	Grounds Maintenance ®	0.00	0.00	0.00	50.00	30.00
29.900.425	Outsourced Vehicle & Equip. Maint.	88,213.38	110,000.12	56,264.85	55,000.00	45,000.00
29.900.426	Office Equipment Maintenance	38.23	116.88	722.63	200.00	300.00
<b>Total</b>		<b>\$ 97,660.48</b>	<b>\$ 121,253.21</b>	<b>\$ 76,220.49</b>	<b>\$ 84,630.00</b>	<b>\$ 100,450.00</b>
<b>Capital Expenditures</b>						
29.900.590	Capital Purchase	\$ -	\$ -	\$ 47,014.00	\$ -	\$ 14,000.00
<b>Total</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ 47,014.00</b>	<b>\$ -</b>	<b>\$ 14,000.00</b>
<b>Other Charges</b>						
29.900.740	Travel, Training & Dues	\$ 3,126.23	\$ 2,192.08	\$ 6,683.61	\$ 9,000.00	\$ 12,250.00
29.900.760	Uniforms & Safety Items	6,929.06	6,106.79	6,087.31	6,800.00	6,280.00
29.900.955	Fuel Inventory Variance	(10,366.04)	(11,332.63)	11,761.61	0.00	0.00
29.900.956	Parts/Fluid Inventory Variance	(7,844.41)	(11,355.91)	(8,962.45)	0.00	0.00
<b>Total</b>		<b>\$ (8,155.16)</b>	<b>\$ (14,389.67)</b>	<b>\$ 15,570.08</b>	<b>\$ 15,800.00</b>	<b>\$ 18,530.00</b>
<b>Vehicle Maintenance Service Fund Total</b>		<b>\$ 772,877.42</b>	<b>\$ 877,833.28</b>	<b>\$ 942,610.80</b>	<b>\$ 894,020.00</b>	<b>\$ 966,840.00</b>

**Public Works Department  
Building Services Division**

**This is a new division, created for the 2007-2008 fiscal year.**

**Department/Program Description**

This division is currently in its formative year. In the past it had operated as a general service for the Village of Algonquin. General observations were that this department had heavy overtime demands, low customer satisfaction, extreme backlogs of work and large inventories with no accountability. Past practices also did not account any measure of metrics. Thus, this division was officially established to allow Building Maintenance staff to establish routine maintenance procedures, establish accurate staffing levels, and provide budgetary information.

<b>Personnel Summary</b>	<b>2003-2004</b>	<b>2004-2005</b>	<b>2005-2006</b>	<b>2006-2007</b>	<b>2007-2008</b>
Internal Services Superintendent	0	0	0	.5	.5*
Building Maintenance Supervisor	1	1	1	1	0
Sr. Technician	0	0	0	0	1
Building Maintenance Assistant	1	1	1	1	1
Maintenance Worker I	0	0	0	0	1
<b>Total Full-Time Employees</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2.5</b>	<b>3.5</b>
<b>Total Summer Employees</b>				<b>0</b>	<b>1</b>
<b>Total Employees</b>				<b>2.5</b>	<b>4.5</b>

*\*The Internal Services Superintendent position is shared between the Building Services and Vehicle Maintenance Divisions.*

*Please note that totals are not shown for years prior to 2006, since Building Services was part of Public Works Administration prior to this time.*

**Explanation of New Positions**

1. First, the lateral movement of Building Maintenance Supervisor to a unionized Sr. Technician position equal to that in Fleet Maintenance. Current personnel are more suited to this position and this movement provides more opportunity for their success. This adjustment to Building Services standardizes this position consistently with that of Fleet Maintenance and allows for consistent expectations for Internal Services customers as well as job descriptions.
2. Addition of an M I is essential so that we may start getting Technical and MII personnel doing more operations appropriate to their pay grade. Also, general appearance, cleanliness and routine facility maintenance will be improved. We will further be allowed to perfect swimming pool operations and other functions of the Village to become more productive and efficient.
3. One seasonal employee was added to this division for the 2007-2008 fiscal year.

**FY2006-2007 Accomplishments**

- Recaptured \$35,000.00 in inventory.
- Reduced overtime by 90%.
- Prioritized ongoing projects.
- Reestablished customer communications.
- Eliminated duplicate tool purchases.
- Began establishing metrics.
- Created tool room check out.
- Conducted massive internal cleanup.
- Brought all outstanding invoicing current.

**Budget Highlights**

- Establish and implement a separate fund to account for all true building services costs.
- Hire a Maintenance Worker I to enhance and expand services.
- Oversee numerous building projects throughout the municipal facilities, including replacement of all carpeting at Village Hall.

**Future Goals and Objectives**

- Survey all personnel who utilize Facilities services.
- Provide senior level management with quantifiable information as a business tool.
- Establish a long term replacement guide for facilities.
- Reduce breakdown numbers to less than 10%.
- Increase routing maintenance numbers to better than 70%.
- Conclude open ended contract negotiations.
- Begin long term maintenance planning.
- Become familiar with vendors.
- Make billing current.
- Evaluate facilities.
- Create replacement guide (similar to vehicle replacement guide).
- Begin target training for Facilities personnel.
- Organize tool room.
- Inventory tools.
- Establish check out policy for all Village tools and equipment.



**REVENUES**  
**Building Services Fund**  
**(NEW FUND FYE 2008)**

		ACTUAL DOLLARS			06-07 Budget	2007-2008 BUDGET
Village of Algonquin		4/30/2004	4/30/2005	4/30/2006	4/30/2007	Board Approved
<b>Building Services Fund</b>						
28.39300	Building Services Billings	\$ -	\$ -	\$ -	\$ -	\$ 618,800.00
28.39904	Sale of Surplus Property	0.00	0.00	0.00	0.00	0.00
<b>Veh. Maint. Service Fund Total</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 618,800.00</b>

**EXPENDITURES**  
**Building Service Fund**  
**(NEW FUND FYE 2008)**

		ACTUAL DOLLARS			06-07 Budget	2007-2008 BUDGET
Village of Algonquin		4/30/2004	4/30/2005	4/30/2006	4/30/2006	Board Approved
<b>Building Service Fund</b>						
<b>Personnel</b>						
28.900.103	IMRF					\$ 18,565.00
28.900.104	FICA					15,460.00
28.900.105	Unemployment Tax					1,205.00
28.900.106	Health Insurance					32,825.00
28.900.110	Salaries					185,840.00
28.900.155	Overtime					10,000.00
<b>Total</b>		\$ -	\$ -	\$ -	\$ -	\$ 263,895.00
<b>Contractual Services</b>						
28.900.210	Telephone					\$ 1,970.00
28.900.211	Natural Gas					6,750.00
28.900.212	Electric					0.00
28.900.234	Professional Services					200.00
28.900.237	Publications					750.00
28.900.238	Printing & Advertising					460.00
28.900.250	Equipment Rental					2,130.00
28.900.255	Physical Exams					350.00
<b>Total</b>		\$ -	\$ -	\$ -	\$ -	\$ 12,610.00
<b>Supplies &amp; Materials</b>						
28.900.308	Office Supplies					\$ 600.00
28.900.317	Postage					200.00
28.900.319	Building Supplies(R)					59,600.00
28.900.320	Tools, Equipment & Supplies					450.00
28.900.321	Fuel					6,500.00
28.900.332	Office Furniture & Equipment					0.00
<b>Total</b>		\$ -	\$ -	\$ -	\$ -	\$ 67,350.00
<b>Maintenance</b>						
28.900.420	Vehicle Maintenance					\$ 5,500.00
28.900.421	Equipment Maintenance					2,500.00
28.900.422	Radio Maintenance					150.00
28.900.423	Building Maintenance (R)					0.00
28.900.424	Grounds Maintenance @					20.00
28.900.425	Outsourced Building Maintenance					210,925.00
28.900.426	Office Equipment Maintenance					300.00
<b>Total</b>		\$ -	\$ -	\$ -	\$ -	\$ 219,395.00
<b>Capital Expenditures</b>						
28.900.590	Capital Purchase	\$ -	\$ -		\$ -	\$ 41,000.00
<b>Total</b>		\$ -	\$ -	\$ -	\$ -	\$ 41,000.00
<b>Other Charges</b>						
28.900.740	Travel, Training & Dues					\$ 12,100.00
28.900.760	Uniforms & Safety Items					2,450.00
<b>Total</b>		\$ -	\$ -	\$ -	\$ -	\$ 14,550.00
<b>Building Service Fund Total</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 618,800.00</b>
Note: Constraint was calculated by adding together building supplies and building maintenance costs, personnel figures, and overhead costs. The budget will reflect this new fund by a significantly reduced constraint figure for Public Works Administration (since it is no longer covering building costs, including personnel costs for building-related employees) as well as billables to individual departments.						

## Motor Fuel Tax Fund

### Department/Program Description

The Motor Fuel Tax (MFT) Fund is one of the two major capital funds the Village uses for improvement and maintenance of Village streets. The money in this fund comes from the State MFT Fund and is derived from a tax on the privilege of operating motor vehicles upon public highways and operating recreational watercraft upon the waters of the State of Illinois. The tax is based on the consumption of motor fuel. The Village of Algonquin receives approximately \$850,000 a year from the State, which funds these important street projects. The Village aims to improve approximately 1% of municipal streets through this fund each year.

### FY2006-2007 Accomplishments

- Completed street resurfacing for Phase 1 of the Old Oak Subdivision. This Incorporated Longwood Drive from Route 62 to Highland Avenue.
- Completed Phase 2 engineering design for the Huntington Drive North Street Resurfacing Project.

### Budget Highlights

- Will construct the Huntington Drive North Street Resurfacing Project.
- Will complete the Phase 2 engineering of the Arrowhead Subdivision Street Reconstruction Project.

### Future Goals and Objectives

- Construct the Arrowhead subdivision improvements.
- Continue to purchase salt through the State of Illinois Competitive Bid process in order to provide effective and efficient snow and ice control services.
- Continue to provide projects that correspond with the traffic objectives and downtown improvements set forth by the Board, as well as continuing to provide needed maintenance improvements to existing roads.

### Performance Indicators

<i>Fiscal Year</i>	<i>Miles of Streets Improved or to be improved</i>	<i>Cost</i>	<i>% of overall streets system (per fiscal year)</i>
2003/2004	1.98	\$1,489,250 (actual)	1%
2004/2005	2.14	\$1,323,895 (actual)	2%
2005/2006	1.05	\$850,000 (actual)	1%
2006/2007	.5	\$231,000 (actual)	.8%
2007/2008	.8	\$908,600 (actual)	.9%

**REVENUES**  
**Motor Fuel Tax Fund**

Village of Algonquin	ACTUAL DOLLARS			06-07 Budget	2007-2008 BUDGET
	4/30/2003	4/30/2004	4/30/2006	4/30/2007	Board Approved
<b>Motor Fuel Tax Fund</b>					
03.31210 Interest	\$ 885.50	\$ 0.90	\$ 1.89	\$ -	\$ -
03.31240 Interest - Illinois Funds	8,989.31	13,488.24	8,791.33	7,500.00	25,000.00
03.33100 MFT Allotments	729,779.36	858,643.79	844,848.37	835,000.00	831,000.00
03.39900 Miscellaneous Revenue*	0.00	0.00	8,365.99	0.00	0.00
<b>Motor Fuel Tax Fund Total</b>	<b>\$ 739,654.17</b>	<b>\$ 872,132.93</b>	<b>\$ 862,007.58</b>	<b>\$ 842,500.00</b>	<b>\$ 856,000.00</b>
<p>*Miscellaneous revenue for fiscal year ending 4/30/2006 accounts for funds from the Forest Preserve District for salt.  MFT revenues for FYE 4/30/2008 consist of allotments of \$28.60 per capita, or \$797,511, and a high growth city allotment of \$40,000.  The balance is interest income. The current population of 27,885 will increase as a result of the special census planned for spring 2007.  We anticipate an adjustment to be made regarding MFT allotments based on this increase in the middle of the fiscal year.</p>					



**EXPENDITURES**  
**Motor Fuel Tax Fund**

		ACTUAL DOLLARS			06-07 Budget	2007-2008 BUDGET
Village of Algonquin		4/30/2004	4/30/2005	4/30/2006	4/30/2007	Board Approved
Motor Fuel Tax Fund						
Nondepartmental						
03.900.232	Engineering/Design Services	\$ 14,698.81	\$ 149,519.16	\$ 63,645.07	\$ 233,500.00	\$ 141,000.00
03.900.309	Materials	87,655.53	79,519.08	97,519.03	120,600.00	120,800.00
03.900.320	Tools, Equipment, & Supplies		895,813.36	Line item added 1	0.00	0.00
03.900.345	Infrastructure Maintenance		0.00	651,108.51	195,000.00	908,600.00
03.900.593	Capital Improvements	1,072,572.99	286,459.61	899.87	5,000.00	5,000.00
<b>Motor Fuel Tax Fund Total</b>		<b>\$ 1,174,927.33</b>	<b>\$ 1,411,311.21</b>	<b>\$ 813,172.48</b>	<b>\$ 554,100.00</b>	<b>\$ 1,175,400.00</b>

## Street Improvement Fund

### Department/Program Description

This Fund, along with the MFT Fund, is one of the major sources for funding the Village's street improvement capital program. The Public Works Department produces a Streets Multi-Year Plan. Members of the Department drive and assess the Village streets on a yearly basis and rate their condition. Based on this data, a forecast is made and projects are established in accordance with the Multi-Year Plan. Projects are financed using revenues from telecommunications taxes, utility taxes, and home rule sales tax. The Plan does change from year to year as emergencies and unforeseeable conditions cause priorities to adjust. This Fund has two main goals: to upgrade or recondition approximately 1-2% of the Village road system each fiscal year, and to progressively manage the vast array of streams and tributaries located within the Village. One of our new priorities is to bio-engineer our creek restoration and stabilization work in which the primary source of water is from draining our roadway system. This allows us to provide natural solutions to creek maintenance issues.

### FY2006-2007 Accomplishments

- Completed Right Hand Turn Lane and traffic signal relocation on the corner of South Harrison Street and Route 62.
- Completed the Twisted Oak Ravine Drainage Improvement Project.
- Obtained Federal Aid Urban funding through the McHenry County Council of Mayors for rehabilitation of Hanson Road.
- Completed Phase 1 and Phase 2 engineering design for the Harnish and Stonegate resurfacing project.

### Budget Highlights

- Will complete construction on the Circle Drive Ravine Project.
- Will complete phase 2 engineering for Algonquin Hills Phase 4.
- Will begin construction on Harnish and Stonegate Drive resurfacing.
- Will continue through the paperwork and preparation of engineering drawings for the FAU funded Hanson Road projects.

### Future Goals and Objectives

- Construct Hanson Road improvements.
- Construct the Algonquin Hills Phase 4 Road Reconstruction project to upgrade North Harrison Street to an urban collector with proper provisions for storm sewerage.
- Continue to provide for maintenance and improvements on Village owned streets.

### Performance Indicators

<i>Fiscal Year</i>	<i>Miles of Streets Improved or to be improved</i>	<i>Cost</i>	<i>% of overall streets system (per fiscal year)</i>
2003/2004	1.03	\$1,363,241 (actual)	1%
2004/2005	.73	\$1,554,000 (actual)	.8%
2005/2006	.95	\$1,700,000 (estimate)	.9%
2006/2007	.73	\$533,000 (actual)	.8%
2007/2008	1.10	\$797,000 (estimate)	1%

# REVENUES

## Street Improvement Fund

Village of Algonquin	ACTUAL DOLLARS			06-07 Budget	2007-2008 BUDGET
	4/30/2004	4/30/2005	4/30/2006	4/30/2007	Board Approved
<b>Street Improvement Fund</b>					
04.31011 Home Rule Sales Tax	\$ -	\$ -	\$ -	\$ 760,000.00	\$ -
04.31190 Telecommunications Tax	537,809.91	530,188.06	482,497.81	550,000.00	525,000.00
04.31210 Interest	7,283.82	2,151.84	1,315.80	0.00	1,000.00
04.31240 Interest - Illinois Funds	4,416.04	5,697.78	6,215.82	2,500.00	10,000.00
04.31421 Donations - Capital - Public Works	0.00	1,892.72	1,482.30	0.00	0.00
04.31429 Donations - Operating - Public Works	53,000.00	0.00	3,250.00	0.00	0.00
04.31430 Donations	0.00	0.00	0.00	0.00	0.00
04.31495 Utility Tax Receipts	1,070,442.73	1,145,222.26	1,397,896.13	945,000.00	950,000.00
04.37501 Contributions	0.00	0.00	0.00	0.00	0.00
01.39900 Miscellaneous Revenue		24,352.21	0.00	0.00	0.00
<b>Street Improvement Fund Total</b>	<b>\$ 1,672,952.50</b>	<b>\$ 1,709,504.87</b>	<b>\$ 1,892,657.86</b>	<b>\$ 2,257,500.00</b>	<b>\$ 1,486,000.00</b>

On March 7, 2006, the Village Board approved two ordinances. The first eliminated the utility tax on natural gas and delivery charges for Village residents and businesses. The 4% utility tax related to natural gas no longer applies as of July 1, 2006. A use tax fee of \$0.0103 will be implemented as a charge per therm. The second ordinance established a home rule retailers' occupation tax and service occupation tax of three-quarters percent (3/4%). This tax applies to retail and service sales and was effective on July 1, 2006. It does not apply to sales of food for human consumption off the premises where it is sold (i.e. groceries), prescription and non-prescription medicines, or other medical supplies. In addition, it does not apply to sales of tangible personal property that is titled or registered with an agency of this State's government (e.g. cars, trucks, motorcycles, etc.). For the 2007-2008 fiscal year, 100% of the home rule sales tax will be allocated to the Water and Sewer Improvement and Construction Fund.

Utility tax receipts come from natural gas (Nicor) and electricity (ComEd). ComEd is based on KW hours, and Nicor was based on therms as of July 1, 2006, so both are not rate-driven. The budget assumes a growth rate of 2 1/2 to 3% per year. Telecommunications tax appears to be flat because competition in that industry may restrict rate increases at this time.

**EXPENDITURES**  
**Street Improvement Fund**

		ACTUAL DOLLARS			06-07 Budget	2007-2008 BUDGET
Village of Algonquin		4/30/2004	4/30/2005	4/30/2006	4/30/2007	Board Approved
<b>Street Improvement Fund</b>						
<b>Nondepartmental</b>						
04.900.230	Legal Services	\$ -	\$ -	\$ -	\$ 1,000.00	\$ 1,000.00
04.900.232	Engineering/Design Services	3,854.01	4,260.25	180.00	317,000.00	232,000.00
04.900.320	Small Tools and Supplies	521.15	92,958.69	0.00	0.00	18,000.00
04.900.345	Infrastructure Maintenance	0.00	0.00	0.00	0.00	813,000.00
04.900.521	Right of Way Improvements	59,532.45	0.00	17,934.60	0.00	0.00
04.900.564	Algonquin Hills	1,684,883.56	215,521.54	31,950.99	0.00	0.00
04.900.568	Downtown Improvements	160,450.94	176,292.47	134,455.83	0.00	0.00
04.900.569	South Algonquin	865,497.87	1,050,088.51	1,503,384.59	0.00	0.00
04.900.576	N. River Rd.	0.00	0.00	0.00	0.00	0.00
04.900.580	Drainage Improvements	67,503.91	0.00	254,553.99	0.00	0.00
04.900.582	Signalization	0.00	0.00	0.00	0.00	0.00
04.900.593	Capital Improvements	0.00	117,287.57	25,952.46	660,290.00	170,000.00
<b>Street Improvement Fund Total</b>		<b>\$ 2,842,243.89</b>	<b>\$ 1,656,409.03</b>	<b>\$ 1,968,412.46</b>	<b>\$ 978,290.00</b>	<b>\$ 1,234,000.00</b>



## Park Fund

### Department/Program Description

The Park Fund reflects funds for large-scale new development of park sites. The fund includes construction costs, engineering, and construction management. Revenues are obtained through developer donations and grants along with tree preservation ordinance fees, Woods Creek ecosystem maintenance donations, and wetland mitigation donations. The fund may also cover capital items solely used for maintenance of park parcels.

### FY2006-2007 Accomplishments

- Completed the construction of Cornish Park.
- Completed design and began construction on Spella Park Phase 1.

### Budget Highlights

- Will complete design and installation of Phase 2 of the Ted Spella Park Wetland Mitigation.
- Will complete construction and open Spella Park Phase I to the enjoyment of the public.
- Will use wetland mitigation money collected through the Kane County Stormwater Ordinance to convert two dry bottom detention basins to naturalized wetland basins.

### Future Goals and Objectives

- Continue to plan for and research funding of future park development opportunities throughout the Village of Algonquin, particularly for Spella Park future phases.
- Continue to install and replace parkway trees per our ongoing program.
- Continue to enhance, create and maintain the Village's wetland and riparian areas with funds collected from the Woods Creek Ecosystem Fee and the Kane County Wetland Mitigation Fee.

### Performance Indicators

#### Projects

Project Name	Amount of Improvement	FY of Improvement
Algonquin Lakes Park	\$1,184,526.00	03-04
Hill Climb Park	\$658,453.00	03-04
Algonquin Lakes Park Grading	\$89,407.00	04-05
Cornish Park	\$1,855,000.00	06-07

#### Tree Replacement

Year	# of Trees Planted	Total Cost	Cost Per Tree	Trees Remaining on Wait List
2003	245	\$45,000	Approx. \$180	116
2004	118	\$16,588	Approx. \$140.	200
2005	267	\$48,000	Approx \$180	114
2006	135	\$27,000	Approx. \$200	100

# REVENUES Park Fund

		ACTUAL DOLLARS			06-07 Budget	2007-2008 BUDGET
Village of Algonquin		4/30/2004	4/30/2005	4/30/2006	4/30/2007	Board Approved
Park Fund						
06.31210	Interest	\$ 10,359.17	\$ 5,210.79	\$ 6,641.41	\$ -	\$ 1,000.00
06.31240	Interest - Illinois Funds	12,810.02	22,510.73	66,543.15	10,000.00	20,000.00
06.31429	Donations - Public Works	491,933.00	818,015.00	737,189.00	350,000.00	300,000.00
06.31430	Donations - General Govt.	0.00	0.00	0.00	0.00	0.00
06.31436	Donations - Ecosystem Maint.	Line item created 11/2006.		0.00	0.00	0.00
06.31437	Donation - Ted Spella Park	383,002.00	0.00	0.00	0.00	0.00
06.31438	Donation - Forestation	0.00	35,350.00	0.00	10,000.00	0.00
06.31439	Donations - Wetland Mitigation	Line item created 11/2006.		0.00	0.00	0.00
06.31450	Park Grant	0.00	0.00	0.00	239,000.00	0.00
06.31457	Grants-Capital-Public Works		400,000.00	0.00	0.00	400,000.00
06.36300	Rental Income	0.00	0.00	0.00	0.00	0.00
06.39102	Transfer from Gen. Fd.	0.00	0.00	0.00	0.00	0.00
<b>Park Fund Total</b>		<b>\$ 898,104.19</b>	<b>\$ 1,281,086.52</b>	<b>\$ 810,373.56</b>	<b>\$ 609,000.00</b>	<b>\$ 721,000.00</b>
<i>Note: The \$400,000 is reimbursement from an IL DNR grant for Ted Spella Park.</i>						

**EXPENDITURES**  
**Park Fund**

		ACTUAL DOLLARS			06-07 Budget	2007-2008 BUDGET
Village of Algonquin		4/30/2004	4/30/2005	4/30/2006	4/30/2007	Board Approved
Park Fund						
Nondepartmental						
06.900.232	Engineering/Design Services	\$ -	\$ -	\$ -	\$ 91,000.00	\$ 38,000.00
06.900.234	Professional Services	35,859.65	10,357.80	974.95	3,000.00	5,000.00
06.900.320	Small Tools & Supplies	3,773.50	0.00	0.00	0.00	0.00
06.900.402	Reforestation	49,627.71	16,649.20	19,722.00	20,000.00	20,000.00
06.900.408	Wetland Mitigation	0.00	0.00	0.00	0.00	180,000.00
06.900.425	Maintenance-Open Space	0.00	0.00	0.00	0.00	28,300.00
06.900.590	Capital Purchase	0.00	40,948.00	0.00	0.00	0.00
06.900.593	Park Development	1,484,650.97	776,962.22	755,701.07	1,945,000.00	1,290,000.00
06.900.617	Transfer to Pool	81,951.61	0.00	0.00	0.00	0.00
<b>Parks Fund Total</b>		<b>\$ 1,655,863.44</b>	<b>\$ 844,917.22</b>	<b>\$ 776,398.02</b>	<b>\$ 2,059,000.00</b>	<b>\$ 1,561,300.00</b>

## **Water and Sewer Improvement and Construction Fund**

### **Department/Program Description**

The Water and Sewer Improvement and Construction Fund covers engineering and construction costs for the development and enhancement of water and sewer facilities and underground infrastructure. It also covers costs for significant expansion and new construction of water and wastewater treatment facilities to accommodate population growth. The revenues for this fund are derived primarily from water and sewer connection fees paid by new developments and the home rule sales tax.

### **FY2006-2007 Accomplishments**

- Completed construction and start-up of Water Treatment Plant #3. The completion of this facility will increase our firm treatment capacity from approximately 5.56 MGD to a firm capacity of approximately 8.56 MGD.
- Initiated the design of the ion exchange expansion at Water Treatment Plant #3. This project is not expected to begin construction until fiscal year 2009/2010.
- Began year one of the construction of Phase 6A and 6B of the Wastewater Treatment Facility expansion.
- The results of the I&I (inflow and infiltration) study identified sources of clear water entering the sanitary sewer system. Approximately 40% of the identified sources of I&I have been eliminated. We recognize this is an ongoing program that continually needs to be monitored and acted upon. Conduct private source SSES (sanitary sewer evaluation studies) and begin pursuit for I&I control at each private residence identified as a cost-effective contributor.
- Braewood Lift Station odor control system was purchased, constructed by in-house forces and put on line in December 2006.

### **FY2007/2008 Budget Highlights**

- Another new well on the east side of town (Well 14) will be constructed to ensure a reliable water source. This construction will be constructed and started up under an agreement with a private developer and will be dedicated to the Village of Algonquin at the close of construction. Construction will be closely supervised by Public Works staff to ensure all regulation are followed and guarantee a quality product.
- Additional efforts to reduce I&I will continue to successfully reduce flows experienced at the WWT facility.
- WWTF Phase 6A and 6B construction will continue to be constructed as designed to keep up with development. The current treatment process will be increased from 3 MGD to 5 MGD. Phase 6A should wrap up and be put on line sometime in September 2007, with Phase 6B to follow in spring/summer of 2008.
- Design and install an odor control system, similar to that at the Braewood Lift Station, at the Grand Reserve Lift Station to ensure that we will have no future problems with odor complaints as this residential subdivision develops around this sanitary sewage pumping facility.
- Design of the ion exchange expansion at Water Treatment Plant #3 will continue to completion of final construction plans and specifications and prepared for bidding in the following fiscal year.



- Purchase and install equipment to perform online monitoring for phosphorous would work in conjunction with the chemical feed equipment for the addition of ferric chloride. The automated, reagent based process collects a sample from the biological process, analyzes for phosphorous, and presents the results in several ways, one in which could be connected to our SCADA system. This information, in turn would be valuable to adjust the dosage of ferric chloride, supplying the correct amount corresponding to the measure phosphorous concentrations. Overdosing with the ferric chloride not only wastes product, but can contribute to corrosion of downstream equipment or possibly fouling of lamp sleeves of the UV disinfection system. We anticipate the cost of the online equipment could realize a return in one year with the potential savings in chemicals purchased.
- Perform a Sanitary Sewer Capacity study on existing drainage basins within the Village to anticipate future needs for capacity upgrades of the interceptor sewers as development demands so that those benefited can participate in the direct costs of such reinforcement upgrades.

### **Future Goals and Objectives**

- Another new well on the west side of town (Well 16) will be constructed to aid in water production.
- Construct the ion exchange expansion at Water Treatment Plant #3.
- Begin the design of the WWTF Phase 7 expansion to add additional treatment capacity to the wastewater plant to ensure that our infrastructure is ready for future development throughout the Village.
- Begin to look at the future water storage need on the northwest and east portions of the community to make certain that our customers have adequate and dependable supplies of potable water for domestic and fire prevention needs.

# REVENUES

## Water and Sewer Improvement and Construction Fund

Village of Algonquin		ACTUAL DOLLARS			06-07 Budget	2007-2008 BUDGET
		4/30/2004	4/30/2005	4/30/2006	4/30/2007	Board Approved
<b>Water &amp; Sewer Improvement &amp; Construction Fund</b>						
12.31011	Home Rule Sales Tax	\$ -	\$ -	\$ -	\$ 1,475,000.00	\$ 3,809,500.00
12.31210	Interest	65,817.99	95,379.90	92,700.54	43,000.00	10,000.00
12.31240	Interest - Illinois Funds	14,584.62	65,409.54	119,172.69	53,000.00	40,000.00
12.31423	Donations - Capital W&S	0.00	499,279.95	179,541.00	200,000.00	0.00
12.31426	Donations - Operating W&S	1,108,796.01	0.00	0.00	0.00	0.00
12.31432	Developer Donations	0.09	0.00	0.00	0.00	0.00
12.36100	Water Tap-On Fees	1,211,871.44	2,189,551.21	1,375,810.00	1,300,000.00	825,000.00
12.36200	Sewer Tap-On Fees	1,195,441.43	1,688,715.19	1,184,888.00	1,100,000.00	675,000.00
12.39100	Transfer from Bond Reserve	0.00	0.00	0.00	25,000.00	25,000.00
12.39101	Transfer - W&S Operating	0.00	0.00	0	0.00	0.00
12.39106	Transfer From W&S Construction	0.00	410,711.27	0.00	0.00	0.00
12.39113	Transfer from Bond Depreciation	0.00	0.00	0.00	7,200.00	7,500.00
12.39900	Miscellaneous Revenue	0.00	0.00	0.00	0.00	0.00
12.39200	Bond Proceeds	0.00	0.00	8,886,718.51	0.00	0.00
<b>Water &amp; Sewer Imp. &amp; Const. Fund Total</b>		<b>\$ 3,596,511.58</b>	<b>\$ 4,949,047.06</b>	<b>\$ 11,838,830.74</b>	<b>\$ 4,203,200.00</b>	<b>\$ 5,392,000.00</b>

An ordinance establishing a home rule retailer's occupation tax and service occupation tax of three-quarters percent (3/4%) was passed by the Village Board on March 7, 2006. This tax applies to retail and service sales and was implemented as of July 1, 2006. It does not apply to sales of food for human consumption off the premises where it is sold (i.e. groceries), prescription and non-prescription medicines, or other medical supplies. In addition, it does not apply to sales of tangible personal property that is titled or registered with an agency of this State's government (e.g. cars, trucks, motorcycles, etc.) The bids on phase 6 of the waste water treatment plant were 30% over design costs, resulting in a significant increase in the cost of construction. To accommodate for this increase, 100% of home rule sales tax revenues will be allocated to this fund this fiscal year.

Note: The Water and Sewer Improvement Fund (12) and Water and Sewer Construction Fund (13) were combined starting in the 2004-2005 budget.

# EXPENDITURES

## Water Sewer Improvement and Construction Fund

		ACTUAL DOLLARS			06-07 Budget	2007-2008 BUDGET
Village of Algonquin		4/30/2004	4/30/2005	4/30/2006	4/30/2007	Board Approved
<b>Water &amp; Sewer Improvement &amp; Construction Fund</b>						
<b>Nondepartmental</b>						
12.900.230	Legal Services	\$ -	\$ -	\$ 8,536.00	\$ 45,000.00	\$ 10,000.00
12.900.232	Engineering Services	153,280.38	768,044.52	3,728.59	452,500.00	285,000.00
12.900.234	Professional Services	500.00	1,800.00	0.00	0.00	0.00
12.900.320	Small Tools & Equipment	21,638.87	0.00	0.00	0.00	0.00
12.900.345	Infrastructure Maintenance	Line item added 11/13/06		3,989.80	0.00	0.00
<b>Total</b>		\$ 175,419.25	\$ 769,844.52	\$ 16,254.39	\$ 497,500.00	\$ 295,000.00
<b>Capital Expenditures</b>						
12.900.512	Water Tower	\$ -	\$ 1,095,852.60	\$ -	\$ 10,000.00	\$ -
12.900.514	Booster Station Improvements	339,260.51	390.47	0.00	0.00	0.00
12.900.516	Lift Station Improvements	16,667.00	1,314,315.21	0.00	72,000.00	0.00
12.900.518	Well Improvements	282.60	428,823.50	0.00	37,000.00	12,000.00
12.900.520	Water Treatment Plant	52,007.00	2,568,789.94	-26,000.00	300,000.00	0.00
12.900.526	Wastewater Collection	0.00	1,057,679.61	26,000.00	0.00	0.00
12.900.539	Sewer System Evaluation	292,193.82	80,468.28	0.00	10,000.00	50,000.00
12.900.555	Meter Changeover Program	0.00	0.00	0.00	0.00	0.00
12.900.560	Seismic Work/Test Drilling	139,948.50	114,732.75	0.00	0.00	0.00
12.900.563	SCADA System	0.00	0.00	0.00	0.00	0.00
12.900.565	Water Main	(5,988.00)	156,798.53	0.00	0.00	520,000.00
12.900.570	Sewer Treatment Plant Expansion	0.00	27,249.66	0.00	9,900,000.00	6,470,000.00
12.900.596	Real Property Acquisition	0.00	17,000.00	0.00	0.00	0.00
12.900.615	Transfer to W & S Operating	0.00	0.00	7,441,901.83	0.00	0.00
12.900.620	Transfer to W&S Bond & Interest	0.00	0.00	0.00	382,960.00	392,080.00
12.900.647	Transfer to Debt Service	0.00	0.00	463,359.33	0.00	0.00
12.900.648	Transfer to Village Construction	0.00	0.00	0.00	0.00	0.00
<b>Total</b>		\$ 834,371.43	\$ 6,862,100.55	\$ 7,905,261.16	\$ 10,711,960.00	\$ 7,444,080.00
<b>Water &amp; Sewer Imp. &amp; Const. Fund Total</b>		<b>\$ 1,009,790.68</b>	<b>\$ 7,631,945.07</b>	<b>\$ 7,921,515.55</b>	<b>\$ 11,209,460.00</b>	<b>\$ 7,739,080.00</b>
Actual figures have been adjusted to reflect capitalization of fixed assets, per auditor.						
<b>NOTE: The Water and Sewer Improvement Fund (13) and Water and Sewer Construction Fund (12) were combined for the 2004-2005 fiscal year budget.</b>						
Line item 570 was added to fund 12 from fund 13.						
Line items 230, 232, 512, 516, 520, 526, and 615 show combined figures from both funds.						





Village of Algonquin  
Long-Term Debt  
Debt Service Fund

**General Obligation Bonds** The government issues general obligation bonds to provide funds for the acquisition and construction of major capital facilities. General obligation bonds have been issued for general government activities as well as for refunding previously issued general obligation bonds.

	<b>Balance May 1, 2002</b>	<b>Additions</b>	<b>Retirements</b>	<b>Balance April 30, 2003</b>
General Obligation Bonds				
Series 1995	\$ 830,000	\$ -	\$ 260,000	\$ 570,000
Series 2001B, Refunding	1,865,000	-	25,000	1,840,000
Series 2002A	3,090,000	-	-	3,090,000
Series 2002B *	1,708,794	93,449	-	1,802,243
<b>Total</b>	<b>\$ 7,493,794</b>	<b>\$ 93,449</b>	<b>\$ 285,000</b>	<b>\$ 7,302,243</b>

	<b>Balance May 1, 2003</b>	<b>Additions</b>	<b>Retirements</b>	<b>Balance April 30, 2004</b>
General Obligation Bonds				
Series 1995	\$ 570,000	\$ -	\$ 275,000	\$ 295,000
Series 2001B, Refunding	1,840,000	-	25,000	1,815,000
Series 2002A	3,090,000	-	-	3,090,000
Series 2002B *	1,802,243	95,299	-	1,897,542
<b>Total</b>	<b>\$ 7,302,243</b>	<b>\$ 95,299</b>	<b>\$ 300,000</b>	<b>\$ 7,097,542</b>

	<b>Balance May 1, 2004</b>	<b>Additions</b>	<b>Retirements</b>	<b>Balance April 30, 2005</b>
General Obligation Bonds				
Series 1995	\$ 295,000	\$ -	\$ 295,000	\$ -
Series 2001B, Refunding	1,815,000	-	25,000	1,790,000
Series 2002A	3,090,000	-	-	3,090,000
Series 2002B *	1,897,542	100,340	-	1,997,882
<b>Total</b>	<b>\$ 7,097,542</b>	<b>\$ 100,340</b>	<b>\$ 320,000</b>	<b>\$ 6,877,882</b>

	<b>Balance May 1, 2005</b>	<b>Additions</b>	<b>Retirements</b>	<b>Balance April 30, 2006</b>
General Obligation Bonds				
Series 2001B, Refunding	1,790,000	-	345,000	1,445,000
Series 2002A	3,090,000	-	-	3,090,000
Series 2002B *	1,997,882	105,648	-	2,103,530
Series 2005B **	-	2,935,000	-	2,935,000
<b>Total</b>	<b>\$ 6,877,882</b>	<b>\$ 3,040,648</b>	<b>\$ 345,000</b>	<b>\$ 9,573,530</b>

	<b>Balance May 1, 2006</b>	<b>Additions</b>	<b>Retirements</b>	<b>Balance April 30, 2007</b>
General Obligation Bonds				
Series 2001B, Refunding	1,445,000	-	360,000	1,085,000
Series 2002A	3,090,000	-	15,000	3,075,000
Series 2002B *	2,103,530	111,237	-	2,214,767
Series 2005B **	2,935,000	-	-	2,935,000
<b>Total</b>	<b>\$ 9,573,530</b>	<b>\$ 111,237</b>	<b>\$ 375,000</b>	<b>\$ 9,309,767</b>

	<b>Balance May 1, 2007</b>	<b>Additions</b>	<b>Retirements</b>	<b>Balance April 30, 2008</b>
General Obligation Bonds				
Series 2001B, Refunding	1,085,000	-	370,000	715,000
Series 2002A	3,075,000	-	40,000	3,035,000
Series 2002B *	2,214,767	117,121	-	2,331,887
Series 2005B **	2,935,000	-	-	2,935,000
<b>Total</b>	<b>\$ 9,309,767</b>	<b>\$ 117,121</b>	<b>\$ 410,000</b>	<b>\$ 9,016,887</b>

\* Series 2002B is a Capital Appreciation Bond and the additions are accreted values.

\*\* Series 2005B is a G.O. Refunding Bond for the 2002B Capital Appreciation Bond.

**REVENUES**  
**Debt Service Fund**

	ACTUAL DOLLARS			06-07 Budget	2007-2008 BUDGET
	4/30/2004	4/30/2005	4/30/2006	4/30/2007	Board Approved
<b>Village of Algonquin</b>					
<b>Debt Service Fund</b>					
99.31210 Interest	\$ 12,099.24	\$ 13,307.75	\$ 56,013.39	\$ 25,000.00	\$ 145,000.00
99.39102 Transfer From General Fund	435,000.00	513,289.20	561,000.00	575,125.00	593,800.00
99.39118 Transfer From Village Const. Fd.	0.00	0.00	0.00	0.00	0.00
99.39200 Bond Proceeds	0.00	0.00	2,935,000.00	0.00	0.00
99.39900 Miscellaneous Revenue	0.00	0.00	3,451.93	0.00	0.00
<b>Debt Service Fund Total</b>	<b>\$ 447,099.24</b>	<b>\$ 526,596.95</b>	<b>\$ 3,555,465.32</b>	<b>\$ 600,125.00</b>	<b>\$ 738,800.00</b>
This fund covers debt service for Village Hall and the Public Works facility.					

**EXPENDITURES**  
**Debt Service Fund**

		ACTUAL DOLLARS			06-07 Budget	2007-2008 BUDGET
Village of Algonquin		4/30/2004	4/30/2005	4/30/2006	4/30/2007	Board Approved
<b>Debt Service Fund</b>						
99.900.880	Bond Principal	\$ 300,000.00	\$ 320,000.00	\$ 345,000.00	\$ 375,000.00	\$ 410,000.00
99.900.881	Bond Interest	252,517.52	235,105.02	244,221.11	315,000.00	298,500.00
99.900.882	Bond Fees	214.00	428.00	642.00	5,000.00	5,000.00
99.900.885	Bond Issuance Costs	0.00	0.00	38,790.93	0.00	0.00
99.900.886	Bond Discount	0.00	0.00	24,873.60	0.00	0.00
99.900.887	Payment to Escrow - Bonds	0.00	0.00	0.00	0.00	0.00
<b>Debt Service Fund Total</b>		<b>\$ 552,731.52</b>	<b>\$ 555,533.02</b>	<b>\$ 653,527.64</b>	<b>\$ 695,000.00</b>	<b>\$ 713,500.00</b>
Debt service on Series 2001B, 2002A, and 2005B.						

Village of Algonquin  
Long-Term Debt  
Water & Sewer Bonds

Revenue Bonds. The government issues bonds where the government pledges income derived from the acquired or constructed assets to pay debt service.

	Balance May 1, 2002	Additions	Retirements	Balance April 30, 2003
Revenue Bonds				
Series 2001A, Refunding	\$ 2,295,000	\$ -	\$ 125,000	\$ 2,170,000
Series 2002, Refunding	1,520,000	-	210,000	1,310,000
Total	<u>\$ 3,815,000</u>	<u>\$ -</u>	<u>\$ 335,000</u>	<u>\$ 3,480,000</u>

	Balance May 1, 2003	Additions	Retirements	Balance April 30, 2004
Revenue Bonds				
Series 2001A, Refunding	\$ 2,170,000	\$ -	\$ 120,000	\$ 2,050,000
Series 2002, Refunding	1,310,000	-	215,000	1,095,000
Total	<u>\$ 3,480,000</u>	<u>\$ -</u>	<u>\$ 335,000</u>	<u>\$ 3,145,000</u>

	Balance May 1, 2004	Additions	Retirements	Balance April 30, 2005
Revenue Bonds				
Series 2001A, Refunding	\$ 2,050,000	\$ -	\$ 145,000	\$ 1,905,000
Series 2002, Refunding	1,095,000	-	205,000	890,000
Total	<u>\$ 3,145,000</u>	<u>\$ -</u>	<u>\$ 350,000</u>	<u>\$ 2,795,000</u>

	Balance May 1, 2005	Additions	Retirements	Balance April 30, 2006
Revenue Bonds				
Series 2001A, Refunding	\$ 1,905,000	\$ -	\$ 155,000	\$ 1,750,000
Series 2002, Refunding	890,000	-	210,000	680,000
Series 2005A	-	9,000,000	-	9,000,000
Total	<u>\$ 2,795,000</u>	<u>\$ 9,000,000</u>	<u>\$ 365,000</u>	<u>\$ 11,430,000</u>

	Balance May 1, 2006	Additions	Retirements	Balance April 30, 2007
Revenue Bonds				
Series 2001A, Refunding	\$ 1,750,000	\$ -	\$ 170,000	\$ 1,580,000
Series 2002, Refunding	680,000	-	220,000	460,000
Series 2005A	9,000,000	-	25,000	8,975,000
Total	<u>\$ 11,430,000</u>	<u>\$ -</u>	<u>\$ 415,000</u>	<u>\$ 11,015,000</u>

	Balance May 1, 2007	Additions	Retirements	Balance April 30, 2008
Revenue Bonds				
Series 2001A, Refunding	\$ 1,580,000	\$ -	\$ 170,000	\$ 1,410,000
Series 2002, Refunding	460,000	-	235,000	225,000
Series 2005A	9,000,000	-	25,000	8,975,000
Total	<u>\$ 11,040,000</u>	<u>\$ -</u>	<u>\$ 430,000</u>	<u>\$ 10,610,000</u>



**REVENUES**  
**Water and Sewer Bond and Interest Fund**

Village of Algonquin	ACTUAL DOLLARS			06-07 Budget	2007-2008 BUDGET
	4/30/2004	4/30/2005	4/30/2006	4/30/2007	Board Approved
<b>Water &amp; Sewer Bond/Interest</b>					
08.31210 Interest	\$ 3,914.28	\$ 5,550.77	\$ 11,040.02	\$ 25,000.00	\$ 30,000.00
08.39101 Transfer from W & S Operating*	419,000.00	481,080.00	419,000.00	492,100.00	491,950.00
08.39106 Transfer from W&S Impvt. and Const.	0.00	0.00	463,359.33	382,960.00	392,080.00
<b>Water &amp; Sewer Bond/Interest Total</b>	<b>\$ 422,914.28</b>	<b>\$ 486,630.77</b>	<b>\$ 893,399.35</b>	<b>\$ 900,060.00</b>	<b>\$ 914,030.00</b>
Prior year actual restated to reflect cash flow/budgetary accounting.					

**EXPENDITURES**  
**Water and Sewer Bond/Interest Fund**

		ACTUAL DOLLARS			06-07 Budget	2007-2008 BUDGET
Village of Algonquin		4/30/2004	4/30/2005	4/30/2006	4/30/2007	Board Approved
<b>Nondepartmental</b>						
<b>Long-Term Debt</b>						
08.900.880	Bonds*	\$ 335,000.00	\$ 350,000.00	\$ 365,000.00	\$ 390,000.00	\$ 430,000.00
08.900.881	Bond Interest	140,800.00	129,080.00	116,042.50	565,425.00	445,000.00
08.900.882	Bond Fees	0.00	428.00	428.00	6,000.00	10,000.00
<b>Water &amp; Sewer B/I Total</b>		<b>\$ 475,800.00</b>	<b>\$ 479,508.00</b>	<b>\$ 481,470.50</b>	<b>\$ 961,425.00</b>	<b>\$ 885,000.00</b>
Debt service for series 2001A, 2002, 2005A, and 2006.						
*Actual FYE figures restated per auditors.						