

## **Enterprise Funds**

The Enterprise funds are used to account for the acquisition, operation and maintenance of City-owned utilities. Separate accounting and financial reporting of these municipal services allow for accountability of utility rates. The rates and fees charged for the service must be sufficient to provide for all operations and maintenance of the utility. Enterprise accounting allows the City to demonstrate the total cost of providing the service. Unlike, the General Fund, all direct and indirect costs, debt service and capital expenditures required to provide the service are reported within the fund so as to readily identify the true cost of the service. The existence of an enterprise fund does not create a separate or autonomous entity from the City. Like every other department, the budget is reviewed and analyzed by administration and finance. The City operates the following utilities:

### **Electric (21)**

The City owns and operates a distribution and transmission electric utility. The electricity is transmitted through the City's electric infrastructure to over 11,000 residential, commercial and industrial consumers. Purchased power is obtained through purchased power contracts and the daily market. The electric utility changed from a 34.5 kV utility to a 138 kV transmission utility in 2008. The utility currently has two 138 kV substations and four 34.5 kV substations with 45% of utility lines located overhead and the remaining 55% underground.

### **Water (30)**

Batavia serves over 9,300 water customers. The City's water supply comes from five deep wells (three active and two standby) and three shallow wells. Water is stored in three towers and treated at two water treatment plants. Water is transmitted from the treatment plants on the west side of the City through a cross-town water main and use of a booster pump station across the river.

### **Wastewater (31)**

The Batavia Wastewater Treatment Facility is a continuous aerobic biological treatment plant. The last major renovation of the plant was completed in 2001. This renovation increased the amount of influent that the city can treat at any one time. In addition, the renovations created efficiencies in treating and disposing of solid waste. There are 18 lift stations throughout the City that send wastewater back to the treatment plant through approximately 100 miles of sanitary sewer lines.

## **Electric Utility**

The Electric Utility of the City of Batavia has been in operation since 1889. The Utility operated as a transmission dependent utility for many decades, relying on all-requirements contracts with investor owned utilities for power supply. In 2007, prompted by changes brought about by deregulation of the industry, the City began utilizing power auctions to secure take or pay contracts for power supply. The City has various contracts that extend to 2015. Any balance of power that is needed, but not included in contracts, is purchased on the daily market.

As a result of the general decline in the economy in late 2008, and the subsequent decrease in electric demand, the utility has been working to diversify its long-term power supply portfolio. The utility, through its membership in the Northern Illinois Municipal Power Agency, has invested in the Prairie State Generation Plant currently under construction in Southern Illinois. This mine-mouth coal project is projected to provide a sizeable share of the City's long-term energy requirements. Utility staff continues to analyze how to utilize Prairie State's resources, together with other generating resources and power supply contracts, to provide the most cost effective power for the Utility's customers.

In 2011 utility construction will shift from additions to assets to rebuilding existing portions of the electric system. The target areas will be prioritized by condition with safety, reliability, and economics being some of the criteria used. Two major areas of underground distribution have been identified for this year. The East Side Wire Replacement Project that started in 2009 will be finished in early 2011. The Wind Mill Cove subdivision is the other. Three overhead projects are slated for completion in 2011. One overhead 4kV electric area selected for upgrade to 12kV is the Blaine Street area. The other overhead electric areas are the North Batavia area and the Carlisle Road/Batavia Avenue.

# City of Batavia 2011 Annual Budget

## Fund #21 — Electric Utility Summary

Description	Actual 2008	Actual 2009	Approved Budget 2010	Estimated 2010	Proposed Budget 2011
<b>Surplus and Reserves</b>	<b>\$9,421,109</b>	<b>\$10,318,750</b>		<b>\$9,887,036</b>	<b>\$10,476,046</b>
01 Utility Operating Revenues	\$34,945,625	\$36,804,279	\$36,990,501	\$39,250,919	\$35,590,760
02 Utility Nonoperating Revenues	\$342,360	\$371,002	\$222,720	\$2,089,050	\$242,720
06 Other Revenues	\$461,355	\$281,068	\$327,500	\$114,365	\$185,000
07 Interfund Allocations	\$277,098	\$279,714	\$222,600	\$222,600	\$222,600
<b>Total Revenue</b>	<b>\$36,026,438</b>	<b>\$37,736,063</b>	<b>\$37,763,321</b>	<b>\$41,676,934</b>	<b>\$36,241,080</b>
Electric Improvements	\$1,381,340	\$1,059,214	\$2,780,000	\$3,810,000	\$2,295,000
Meter Reading/Locating	\$472,002	\$485,280	\$397,499	\$387,357	\$417,181
Transmission & Distribution	\$31,049,956	\$34,422,712	\$33,448,352	\$34,786,916	\$31,612,563
Interfund Allocations	\$800,719	\$775,766	\$679,146	\$679,146	\$661,904
Revenue Bond Payments	\$1,424,780	\$1,424,805	\$1,424,505	\$1,424,505	\$1,423,830
<b>Total Expense</b>	<b>\$35,128,797</b>	<b>\$38,167,777</b>	<b>\$38,729,502</b>	<b>\$41,087,924</b>	<b>\$36,410,478</b>
<b>Surplus/(Deficit)</b>	<b>\$897,641</b>	<b>( \$431,714)</b>	<b>( \$966,181)</b>	<b>\$589,010</b>	<b>( \$169,398)</b>
<b>Surplus and Reserves</b>	<b>\$10,318,750</b>	<b>\$9,887,036</b>		<b>\$10,476,046</b>	<b>\$10,306,648</b>

# City of Batavia 2011 Annual Budget

## Revenues

### Fund #21 — Electric Utility

Acct.	Description	Actual 2008	Actual 2009	Approved Budget 2010	Estimated 2010	Proposed Budget 2011
4505	Residential	\$8,714,632	\$9,068,993	\$8,980,534	\$10,218,000	\$9,212,365
4510	General Service	\$442,675	\$510,853	\$510,920	\$600,822	\$537,753
4515	Large General Service	\$6,818,144	\$7,532,022	\$7,501,629	\$7,957,360	\$5,870,176
4517	General Demand	\$6,156,215	\$5,903,662	\$6,298,858	\$5,975,613	\$5,945,600
4520	Heavy Industrial	\$6,715,566	\$7,714,722	\$7,530,323	\$8,248,836	\$5,984,577
4522	Heavy Industrial Demand	\$4,575,783	\$4,587,355	\$4,659,453	\$4,744,504	\$4,714,505
4523	Market Based Rates	\$0	\$0	\$0	\$0	\$1,820,000
4525	State Excise Tax	\$1,323,369	\$1,287,215	\$1,309,784	\$1,309,784	\$1,309,784
4530	Electric Penalties	\$187,871	\$183,467	\$185,000	\$185,000	\$185,000
4541	Reconnection Fee	\$11,370	\$15,990	\$14,000	\$11,000	\$11,000
<b>01 Utility Operating Revenues</b>		<b>\$34,945,625</b>	<b>\$36,804,279</b>	<b>\$36,990,501</b>	<b>\$39,250,919</b>	<b>\$35,590,760</b>
4535	Pole Lease Agreement	\$27,604	\$26,132	\$27,000	\$27,000	\$27,000
4536	Fiber Optic Reimbursement	\$68,320	\$56,010	\$10,800	\$30,000	\$10,800
4538	Labor by City Employees	\$40,075	\$27,475	\$10,000	\$50,130	\$10,000
4539	Property Damage Reimb.	\$8,994	\$67,122	\$15,000	\$42,000	\$35,000
4540	Joint Work Agreements	\$798	\$6,086	\$5,820	\$5,820	\$5,820
4542	Parkway Tree Program	\$4,005	\$7,506	\$3,500	\$3,500	\$3,500
4543	New Const. Fees/Materials	\$26,334	\$0	\$20,000	\$1,800,000	\$20,000
4546	Commercial/Industrial Transformers	\$164,730	\$180,221	\$130,000	\$130,000	\$130,000
4548	Electric Service Permit	\$1,500	\$450	\$600	\$600	\$600
<b>02 Utility Nonoperating Revenues</b>		<b>\$342,360</b>	<b>\$371,002</b>	<b>\$222,720</b>	<b>\$2,089,050</b>	<b>\$242,720</b>
4399	Miscellaneous Revenue	\$9,749	\$32,445	\$12,500	\$34,365	\$35,000
5000	Investment Income	\$451,606	\$248,623	\$315,000	\$80,000	\$150,000
<b>06 Other Revenues</b>		<b>\$461,355</b>	<b>\$281,068</b>	<b>\$327,500</b>	<b>\$114,365</b>	<b>\$185,000</b>
5530	Transfer from Water Fd30	\$138,549	\$139,857	\$111,300	\$111,300	\$111,300
5531	Transfer from Wastewater Fd31	\$138,549	\$139,857	\$111,300	\$111,300	\$111,300
<b>07 Interfund Allocations</b>		<b>\$277,098</b>	<b>\$279,714</b>	<b>\$222,600</b>	<b>\$222,600</b>	<b>\$222,600</b>
<b>Total Revenue</b>		<b>\$36,026,438</b>	<b>\$37,736,063</b>	<b>\$37,763,321</b>	<b>\$41,676,934</b>	<b>\$36,241,080</b>

# City of Batavia 2011 Annual Budget

## Expenditures

**Fund #21 — Electric Utility**

**Department #61 — Electric Improvements**

Acct.	Description	Actual 2008	Actual 2009	Approved Budget 2010	Estimated 2010	Proposed Budget 2011
6264	General Supplies	\$248,278	\$21,412	\$349,000	\$750,000	\$275,000
6265	Electric Meters	\$27,767	\$18,877	\$45,000	\$15,000	\$45,000
6266	Wire & Cable	\$37,924	\$55,678	\$448,500	\$450,000	\$185,000
6267	Electric Poles	\$11,360	\$14,766	\$12,500	\$75,000	\$105,000
6355	Contractual Services	\$677,587	\$206,045	\$1,560,000	\$1,800,000	\$1,140,000
6360	Engineering Fees	\$25,000	\$0	\$20,000	\$20,000	\$50,000
6450	Vehicles & Equipment	\$0	\$215,450	\$180,000	\$0	\$180,000
6452	Transformers	\$139,081	\$135,474	\$165,000	\$700,000	\$240,000
6455	Private Use Utilities	\$214,343	\$391,512	\$0	\$0	\$75,000
	<b>Electric Improvements</b>	<b>\$1,381,340</b>	<b>\$1,059,214</b>	<b>\$2,780,000</b>	<b>\$3,810,000</b>	<b>\$2,295,000</b>

# City of Batavia 2011 Annual Budget

Fund # 21 — Electric Utility

Department #61 — Electric Improvements

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## Detail on Significant Items

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### Account

<b>6264</b>	<b>General Supplies</b>	
	East Side Wire Replacement	\$25,000
	Overhead Distribution Rebuilds	\$50,000
	General Supplies	\$200,000
	<b>Total</b>	<b>\$275,000</b>
<b>6266</b>	<b>Wire &amp; Cable</b>	
	East Side Wire Replacement	\$36,000
	Overhead Distribution Rebuilds	\$125,000
	General Projects	\$24,000
	<b>Total</b>	<b>\$185,000</b>
<b>6267</b>	<b>Electric Poles</b>	
	Overhead Distribution Rebuilds	\$105,000
	<b>Total</b>	<b>\$105,000</b>
<b>6355</b>	<b>Contractual Services</b>	
	East Side Wire Replacement	\$320,000
	SCADA System Replacement	\$175,000
	Overhead Distribution Rebuilds	\$310,000
	General Projects	\$275,000
	Replace Battery Systems at Two Substations	\$60,000
	<b>Total</b>	<b>\$1,140,000</b>
<b>6450</b>	<b>Vehicles &amp; Equipment</b>	
	Replace Truck 131 Digger Derrick	\$180,000
	<b>Total</b>	<b>\$180,000</b>

# City of Batavia 2011 Annual Budget

Fund # 21 — Electric Utility

Department #61 — Electric Improvements

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## Detail on Significant Items

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### Account

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<b>6452</b>	<b>Transformers</b>		
	Overhead Distribution Rebuilds		\$150,000
	General Projects		\$90,000
		<b>Total</b>	<b>\$240,000</b>
<b>6455</b>	<b>Private Use Utilities</b>		
	Fermi PI Line Paint Problem		\$75,000
		<b>Total</b>	<b>\$75,000</b>

## **Meter**

The City of Batavia Meter Division within the Public Works Department is responsible for reading all of the City's electric and water meters, locating the City's underground electrical utilities and testing electric meters. The division department also assists the City's Electric Division department with industrial and commercial meter installations, electrical sub-station maintenance, and underground fault locating of damaged electric lines.

Under the direction of the Water and Sewer Superintendent, the Meter Crew Leader provides the division's department's daily supervision of two meter technicians/locators and four part-time meter readers. The part-time meter readers are paid on a pay-per read basis.

Since the Meter Division Department provides services for water and indirectly for sewer billing, these two Utilities share in the cost of services. An interfund transfer is budgeted in both the Water and Sewer Funds to reimburse the Electric Utility for a proportionate share of the costs.

# City of Batavia 2011 Annual Budget

## Expenditures

**Fund #21 — Electric Utility**

**Department # 62 — Meter Reading/Locating**

Acct.	Description	Actual	Actual	Approved	Estimated	Proposed
		2008	2009	Budget 2010	2010	Budget 2011
6101	Salaries and Wages	\$253,454	\$279,409	\$191,286	\$192,100	\$197,405
6102	Overtime	\$6,091	\$4,983	\$4,500	\$4,500	\$4,500
6103	Double-time	\$1,308	\$1,527	\$1,300	\$1,300	\$1,300
6104	Stand-by	\$237	\$140	\$300	\$300	\$300
6107	Part-time Wages	\$73,733	\$77,726	\$88,000	\$80,000	\$88,000
6120	City Health Ins Contribution	\$73,709	\$63,314	\$52,142	\$52,142	\$55,812
6121	City IMRF Pension Contribution	\$23,824	\$24,515	\$22,739	\$22,833	\$24,339
6122	City Share FICA and Medicare	\$24,344	\$23,868	\$21,832	\$21,282	\$22,300
6241	Fuel	\$7,577	\$4,393	\$5,500	\$5,000	\$5,325
6250	Telephone	\$1,788	\$1,801	\$1,900	\$1,900	\$1,900
6255	Clothing & Uniforms	\$3,119	\$1,878	\$2,500	\$2,500	\$2,500
6264	General Supplies	\$1,867	\$1,380	\$4,500	\$2,500	\$12,500
6310	R & M Vehicles	\$951	\$346	\$1,000	\$1,000	\$1,000
<b>Meter Reading/Locating</b>		<b>\$472,002</b>	<b>\$485,280</b>	<b>\$397,499</b>	<b>\$387,357</b>	<b>\$417,181</b>

# City of Batavia 2011 Annual Budget

## Expenditures

**Fund #21 — Electric Utility**

**Department #64 — Transmission & Distribution**

Acct.	Description	Actual	Actual	Approved	Estimated	Proposed
		2008	2009	Budget 2010	2010	Budget 2011
6101	Salaries and Wages	\$1,338,436	\$1,347,412	\$1,416,390	\$1,416,390	\$1,455,000
6102	Overtime	\$60,954	\$45,609	\$75,000	\$75,000	\$75,000
6103	Double-time	\$60,635	\$31,640	\$50,000	\$50,000	\$50,000
6104	Stand-by	\$42,268	\$43,860	\$44,000	\$30,000	\$44,000
6107	Part-time Wages	\$18,438	\$23,656	\$25,000	\$15,000	\$25,000
6120	City Health Ins Contribution	\$256,565	\$247,206	\$236,495	\$249,900	\$267,547
6121	City IMRF Pension Contribution	\$138,896	\$145,064	\$182,637	\$181,024	\$194,230
6122	City Share FICA and Medicare	\$104,186	\$107,287	\$123,195	\$121,359	\$126,149
6202	Meal Allowance	\$17	\$66	\$400	\$400	\$400
6205	Memberships	\$21,663	\$23,361	\$29,500	\$27,000	\$32,000
6210	Training & Seminars	\$7,373	\$11,421	\$20,700	\$10,000	\$21,000
6215	Resource Materials	\$1,286	\$15,363	\$750	\$750	\$750
6225	Postage & Shipping	\$1,450	\$1,077	\$1,500	\$1,500	\$1,500
6226	Public Education	\$0	\$1,352	\$1,500	\$1,500	\$1,500
6230	Office Supplies	\$4,397	\$7,463	\$9,000	\$6,000	\$9,000
6233	Vehicle Supplies	\$12,880	\$12,496	\$15,000	\$10,000	\$15,000
6237	Communication Supplies	\$64	\$3,284	\$5,000	\$5,000	\$5,000
6240	Materials	\$3,597	\$8,462	\$7,500	\$7,000	\$7,500
6241	Fuel	\$16,967	\$12,155	\$14,375	\$16,380	\$17,445
6245	Advertisements	\$204	\$245	\$500	\$500	\$500
6250	Telephone	\$18,011	\$17,643	\$18,000	\$18,000	\$18,000
6255	Clothing & Uniforms	\$11,684	\$13,726	\$16,000	\$16,000	\$16,000
6259	Meals & Refreshments	\$755	\$859	\$1,000	\$1,000	\$1,000
6260	Utilities	\$20,943	\$34,779	\$30,926	\$25,000	\$30,926
6261	Safety Supplies	\$6,273	\$1,834	\$10,500	\$10,500	\$5,000
6262	Substation Maint. & Repair	\$13,878	\$16,828	\$12,000	\$12,000	\$12,000
6263	Streetlighting	\$21,962	\$19,691	\$35,000	\$20,000	\$35,000
6264	General Supplies	\$48,036	\$45,237	\$75,000	\$100,000	\$75,000
6286	Landfill Fees	\$2,071	\$812	\$2,500	\$2,500	\$2,500
6294	Tree Trimming	\$111,861	\$118,259	\$150,000	\$150,000	\$150,000
6310	R & M Vehicles	\$6,974	\$9,121	\$15,000	\$10,000	\$15,000
6315	R & M Building	\$23,251	\$21,831	\$27,700	\$17,000	\$27,700
6340	R & M Equipment	\$6,659	\$3,396	\$7,500	\$7,500	\$7,500
6355	Contractual Services	\$380,105	\$89,683	\$167,500	\$167,500	\$242,500
6357	Forestry and Tree Service	\$8,634	\$15,911	\$10,000	\$10,000	\$10,000
6360	Engineering Fees	\$4,600	\$0	\$10,000	\$10,000	\$10,000
6380	Julie System	\$1,531	\$1,268	\$1,500	\$1,500	\$1,500
6445	Other Equipment	\$53,165	\$15,641	\$75,000	\$15,000	\$100,000
6453	Non-system Transformers	\$59,925	\$27,660	\$25,000	\$25,000	\$25,000
6505	Liability & Property Insurance	\$74,433	\$72,419	\$90,000	\$90,000	\$90,000
6515	Worker's Compensation Self-Ins.	\$56,387	\$300,000	\$300,000	\$300,000	\$300,000
6604	Payments in Lieu of Taxes	\$657,668	\$700,172	\$725,000	\$725,000	\$750,000

# City of Batavia 2011 Annual Budget

## Expenditures

Fund #21 — Electric Utility

Department # 64 — Transmission & Distribution

Acct.	Description	Actual	Actual	Approved	Estimated	Proposed
		2008	2009	Budget 2010	2010	Budget 2011
6625	Bad Debt Expense	\$22,888	\$66,317	\$75,000	\$75,000	\$75,000
6710	Purchased Power	\$21,698,525	\$26,103,915	\$28,000,000	\$25,400,877	\$20,314,632
6711	Transmission	\$4,194,230	\$3,214,195	\$0	\$3,924,281	\$3,982,000
6712	Ancillary Power Costs	\$127,103	\$147,296	\$0	\$118,771	\$125,000
6714	PJM Sub Account	\$0	\$0	\$0	\$0	\$1,533,000
6720	State Utility Tax	\$1,328,128	\$1,275,740	\$1,309,784	\$1,309,784	\$1,309,784
	<b>Transmission &amp; Distribution</b>	<b>\$31,049,956</b>	<b>\$34,422,712</b>	<b>\$33,448,352</b>	<b>\$34,786,916</b>	<b>\$31,612,563</b>

# City of Batavia 2011 Annual Budget

Fund # 21 — Electric Utility

Department #64 — Transmission & Distribution

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## Detail on Significant Items

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### Account

#### Personnel

- (1) Superintendent of Electric
- (1) Manager of Electric Operations
- (1) Senior Project Engineer
- (1) Project Engineer
- (3) Crewleader
- (6) Lineman
- (1) PT Lineman
- (2) Apprentice Lineman
- (1) Administrative Secretary
- (1) Warehouse Attendant

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<b>6205</b>	<b>Memberships</b>	
	APPA Membership	\$15,000
	IMUA Membership	\$13,000
	Various Memberships	\$4,000
	<b>Total</b>	<b>\$32,000</b>

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<b>6210</b>	<b>Training &amp; Seminars</b>	
	IMUA Safety Training	\$2,000
	APPA, ALBAT, SEL, & OSHA Training	\$15,000
	Meter and Locating Training	\$4,000
	<b>Total</b>	<b>\$21,000</b>

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<b>6237</b>	<b>Communication Supplies</b>	
	VHF Radios	\$4,000
	Various Communication Supplies	\$1,000
	<b>Total</b>	<b>\$5,000</b>

# City of Batavia 2011 Annual Budget

Fund # 21 — Electric Utility

Department #64 — Transmission & Distribution

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## Detail on Significant Items

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### Account

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**6255      Clothing & Uniforms**

Uniform Contract \$10,000

Fire Retardant Outerwear \$6,000

**Total** \$16,000

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**6355      Contractual Services**

NIMPA Assesments \$65,000

Legal and Professional Services \$175,000

Alarm Detection for PW Building \$2,500

**Total** \$242,500

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**6445      Other Equipment**

Relay Test Equipment \$100,000

**Total** \$100,000

# City of Batavia 2011 Annual Budget

## Expenditures

**Fund #21 — Electric Utility**

**Department #90 — Interfund Allocations**

Acct.	Description	Actual 2008	Actual 2009	Approved Budget 2010	Estimated 2010	Proposed Budget 2011
7010	Transfer to General Activities Fd10	\$800,719	\$775,766	\$679,146	\$679,146	\$661,904
	<b>Interfund Allocations</b>	<b>\$800,719</b>	<b>\$775,766</b>	<b>\$679,146</b>	<b>\$679,146</b>	<b>\$661,904</b>

# City of Batavia 2011 Annual Budget

## Expenditures

**Fund #21 — Electric Utility**

**Department #98 — Revenue Bond Payments**

Acct.	Description	Actual 2008	Actual 2009	Approved Budget 2010	Estimated 2010	Proposed Budget 2011
6601	Principal Payment	\$285,000	\$295,000	\$305,000	\$305,000	\$315,000
6602	Interest Expense	\$1,139,405	\$1,129,430	\$1,119,105	\$1,119,105	\$1,108,430
6603	Bond Fees	\$375	\$375	\$400	\$400	\$400
	<b>Revenue Bond Payments</b>	<b>\$1,424,780</b>	<b>\$1,424,805</b>	<b>\$1,424,505</b>	<b>\$1,424,505</b>	<b>\$1,423,830</b>

# City of Batavia 2011 Annual Budget

Fund # 21 — Electric Utility

Department #98 — Revenue Bond Payments

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## Detail on Significant Items

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### Account

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<b>6601</b>	<b>Principal Payment</b>		
	2006 138 kV Revenue Bonds Due 1/1/2012		\$315,000
		<b>Total</b>	<b>\$315,000</b>
<b>6602</b>	<b>Interest Expense</b>		
	2006 138kV Revenue Bonds Due 7/1/2011		\$554,215
	2006 138kV Revenue Bonds Due 1/1/2012		\$554,215
		<b>Total</b>	<b>\$1,108,430</b>

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## **Water**

The Water Division within the Public Works Department is under the direction of the Water and Sewer Superintendent. The staff provides services that are budgeted in both water and sanitary sewer (31-83). In addition to the Superintendent, the division also employs two (2) Crew Leaders, a full and part time Administrative Assistant and six Water/Sewer Maintenance Workers. The Water and Sewer Superintendent is also responsible for the Metering Division (21-62).

The Water Division is responsible for providing adequate quantities of safe drinking water to all residential, commercial and industrial customers in the City and maintains an adequate supply of water for firefighting purposes. During the City of Batavia's last Fire Insurance Rating Survey, the City of Batavia's water system received the industries highest ranking of a "Class 1" Water Supply System.

During 2011, the utility plans to invest time and resources in development of the Water Utility SCADA (Supervisory Control and Data Acquisition) system. SCADA systems are designed to automate and improve the operations, recordkeeping and reporting duties associated with operating a utility. Time is also being spent reviewing existing water rates and projecting future revenues to ensure they will provide the necessary funding to sustain the City's anticipated infrastructure replacement program. The infrastructure plan includes capital replacements and operational maintenance projects.

The Water/Sewer Utility also continues spending a great deal of time and resources identifying sewer system deficiencies and performing neighborhood studies to determine sources of clear water flows into the sanitary sewer lines. These activities will continue during the next several years.

## City of Batavia 2011 Annual Budget

### Fund #30 — Water Fund Summary

Description	Actual 2008	Actual 2009	Approved Budget 2010	Estimated 2010	Proposed Budget 2011
<b>Surplus and Reserves</b>	<b>\$3,138,067</b>	<b>\$2,166,454</b>		<b>\$2,158,016</b>	<b>\$2,424,636</b>
01 Utility Operating Revenues	\$3,972,529	\$3,969,631	\$3,957,668	\$3,962,564	\$3,992,588
02 Utility Nonoperating Revenues	\$89,144	\$32,748	\$48,950	\$139,400	\$57,600
06 Other Revenues	\$139,812	\$98,455	\$112,000	\$91,150	\$126,000
<b>Total Revenue</b>	<b>\$4,201,485</b>	<b>\$4,100,834</b>	<b>\$4,118,618</b>	<b>\$4,193,114</b>	<b>\$4,176,188</b>
Water Improvements	\$876,778	\$0	\$65,000	\$15,000	\$115,000
Water Production	\$884,380	\$805,870	\$767,350	\$766,550	\$945,850
Water Distribution	\$1,380,022	\$1,284,021	\$1,258,730	\$1,260,444	\$1,306,022
Interfund Allocations	\$793,517	\$727,828	\$597,016	\$597,016	\$568,515
Revenue Bond Payments	\$1,238,401	\$1,291,553	\$1,287,484	\$1,287,484	\$942,563
<b>Total Expense</b>	<b>\$5,173,098</b>	<b>\$4,109,272</b>	<b>\$3,975,580</b>	<b>\$3,926,494</b>	<b>\$3,877,950</b>
<b>Surplus/(Deficit)</b>	<b>( \$971,613)</b>	<b>( \$8,438)</b>	<b>\$143,038</b>	<b>\$266,620</b>	<b>\$298,238</b>
<b>Surplus and Reserves</b>	<b>\$2,166,454</b>	<b>\$2,158,016</b>		<b>\$2,424,636</b>	<b>\$2,722,874</b>

# City of Batavia 2011 Annual Budget

## Revenues

### Fund #30 — Water Fund

Acct.	Description	Actual 2008	Actual 2009	Approved Budget 2010	Estimated 2010	Proposed Budget 2011
4610	Residential Water Sales	\$2,847,692	\$2,831,115	\$2,808,504	\$2,797,337	\$2,808,504
4615	Commercial/Industrial Sales	\$976,398	\$991,491	\$1,004,364	\$1,018,284	\$1,038,284
4616	Penalties	\$30,767	\$35,199	\$32,500	\$33,885	\$34,500
4630	Stand-by Water Fee	\$103,833	\$107,537	\$107,000	\$105,758	\$106,000
4634	Nonmetered Water	\$450	\$250	\$300	\$300	\$300
4667	Sale Of Bulk Water	\$13,389	\$4,039	\$5,000	\$7,000	\$5,000
	<b>01 Utility Operating Revenues</b>	<b>\$3,972,529</b>	<b>\$3,969,631</b>	<b>\$3,957,668</b>	<b>\$3,962,564</b>	<b>\$3,992,588</b>
4625	Labor by City Employees	\$4,869	\$1,219	\$1,000	\$2,500	\$1,000
4640	Meter Sales	\$14,217	\$10,289	\$8,900	\$5,500	\$8,900
4644	Water Main Recapture	\$15,906	\$1,273	\$15,500	\$0	\$1,200
4645	Water Service Inspection	\$525	\$245	\$350	\$200	\$300
4648	Water Connection Fees	\$1,631	\$2,790	\$1,200	\$1,200	\$1,200
4650	Water Supply & Treatment	\$51,996	\$16,932	\$22,000	\$130,000	\$45,000
	<b>02 Utility Nonoperating Revenues</b>	<b>\$89,144</b>	<b>\$32,748</b>	<b>\$48,950</b>	<b>\$139,400</b>	<b>\$57,600</b>
4399	Miscellaneous Revenue	\$37,637	\$64,591	\$62,000	\$81,150	\$96,000
5000	Investment Income	\$102,175	\$33,864	\$50,000	\$10,000	\$30,000
	<b>06 Other Revenues</b>	<b>\$139,812</b>	<b>\$98,455</b>	<b>\$112,000</b>	<b>\$91,150</b>	<b>\$126,000</b>
	<b>Total Revenue</b>	<b>\$4,201,485</b>	<b>\$4,100,834</b>	<b>\$4,118,618</b>	<b>\$4,193,114</b>	<b>\$4,176,188</b>

# City of Batavia 2011 Annual Budget

## Expenditures

**Fund #30 — Water Fund**

**Department # 71 — Water Improvements**

<b>Acct.</b>	<b>Description</b>	<b>Actual 2008</b>	<b>Actual 2009</b>	<b>Approved Budget 2010</b>	<b>Estimated 2010</b>	<b>Proposed Budget 2011</b>
6268	Water Meters	\$25,026	\$0	\$15,000	\$15,000	\$25,000
6355	Contractual Services	\$318,461	\$0	\$0	\$0	\$0
6360	Engineering Fees	\$33,291	\$0	\$0	\$0	\$50,000
6450	Vehicles & Equipment	\$0	\$0	\$50,000	\$0	\$40,000
6465	Land Acquisition	\$500,000	\$0	\$0	\$0	\$0
	<b>Water Improvements</b>	<b>\$876,778</b>	<b>\$0</b>	<b>\$65,000</b>	<b>\$15,000</b>	<b>\$115,000</b>

# City of Batavia 2011 Annual Budget

Fund # 30 — Water Fund

Department #71 — Water Improvements

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## Detail on Significant Items

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### Account

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<b>6360</b>	<b>Engineering Fees</b>		
	Houston St Watermain Design		\$50,000
		<b>Total</b>	<b>\$50,000</b>
<hr/>			
<b>6450</b>	<b>Vehicles &amp; Equipment</b>		
	Replace 1998 Service Body 1-Ton Pick-Up truck		\$40,000
		<b>Total</b>	<b>\$40,000</b>

# City of Batavia 2011 Annual Budget

## Expenditures

**Fund #30 — Water Fund**

**Department # 72 — Water Production**

Acct.	Description	Actual	Actual	Approved	Estimated	Proposed
		2008	2009	Budget 2010	2010	Budget 2011
6249	Production Electricity	\$399,724	\$423,735	\$450,000	\$415,000	\$425,000
6250	Telephone	\$7,271	\$6,574	\$7,500	\$6,500	\$7,000
6258	Chemicals	\$139,352	\$129,009	\$136,500	\$130,000	\$130,000
6260	Utilities	\$3,512	\$3,562	\$3,850	\$3,850	\$3,850
6264	General Supplies	\$4,288	\$3,753	\$6,000	\$7,500	\$7,500
6315	R & M Building	\$7,140	\$4,264	\$13,000	\$10,000	\$10,000
6340	R & M Equipment	\$37,767	\$23,015	\$30,000	\$30,000	\$229,000
6355	Contractual Services	\$261,033	\$182,006	\$90,500	\$146,700	\$103,500
6360	Engineering Fees	\$23,198	\$15,694	\$15,000	\$2,000	\$15,000
6445	Other Equipment	\$1,095	\$14,258	\$15,000	\$15,000	\$15,000
	<b>Water Production</b>	<b>\$884,380</b>	<b>\$805,870</b>	<b>\$767,350</b>	<b>\$766,550</b>	<b>\$945,850</b>

# City of Batavia 2011 Annual Budget

Fund # 30 — Water Fund

Department #72 — Water Production

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## Detail on Significant Items

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### Account

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<b>6340</b>	<b>R &amp; M Equipment</b>	
	Repair Booster #4 @ WTP	\$20,000
	Repairs & Maintenance Deep Wells #4 & #9	\$120,000
	Filter Maintenance	\$3,000
	Generator Maintenance	\$3,000
	Telemetry & Control Maintenance	\$10,000
	General Equipment Maintenance	\$5,000
	New Well Meter Fiber Connectors (3 @ \$5,000 each)	\$15,000
	Well #8 Repairs	\$53,000
	<b>Total</b>	<b>\$229,000</b>
<b>6355</b>	<b>Contractual Services</b>	
	SCADA Development	\$40,000
	Alarm Detection Services	\$6,500
	Water Sampling Fees	\$12,000
	Various Professional Services	\$5,000
	Spot Blast, Prime & Paint Well #5 Reservoir	\$15,000
	Repairs to Radium Removal Filters	\$25,000
	<b>Total</b>	<b>\$103,500</b>

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# City of Batavia 2011 Annual Budget

## Expenditures

**Fund #30 — Water Fund**

**Department #73 — Water Distribution**

Acct.	Description	Actual 2008	Actual 2009	Approved Budget 2010	Estimated 2010	Proposed Budget 2011
6101	Salaries and Wages	\$654,096	\$629,337	\$614,561	\$620,000	\$626,500
6102	Overtime	\$39,608	\$30,003	\$30,380	\$29,000	\$29,000
6103	Double-time	\$23,738	\$29,563	\$24,500	\$25,500	\$25,500
6104	Stand-by	\$34,103	\$35,350	\$26,576	\$18,000	\$25,000
6107	Part-time Wages	\$2,102	\$1,488	\$1,960	\$4,500	\$4,500
6120	City Health Ins Contribution	\$153,358	\$147,923	\$144,177	\$144,177	\$153,001
6121	City IMRF Pension Contribution	\$71,149	\$71,452	\$80,181	\$79,776	\$84,438
6122	City Share FICA and Medicare	\$55,986	\$52,345	\$53,395	\$53,321	\$54,353
6125	Unemployment Payments	\$284	\$8,213	\$0	\$0	\$0
6202	Meal Allowance	\$123	\$116	\$150	\$150	\$150
6205	Memberships	\$2,000	\$2,114	\$2,100	\$2,100	\$2,100
6210	Training & Seminars	\$4,891	\$2,852	\$3,000	\$3,000	\$3,000
6215	Resource Materials	\$312	\$465	\$500	\$500	\$500
6220	Travel & Mileage	\$731	\$220	\$500	\$1,000	\$1,000
6225	Postage & Shipping	\$276	\$111	\$100	\$300	\$300
6230	Office Supplies	\$1,464	\$1,043	\$1,700	\$1,700	\$1,700
6233	Vehicle Supplies	\$4,225	\$7,891	\$4,000	\$5,000	\$6,000
6240	Materials	\$15,024	\$19,828	\$16,500	\$17,500	\$17,500
6241	Fuel	\$15,021	\$10,305	\$11,000	\$13,220	\$14,080
6250	Telephone	\$203	\$180	\$300	\$300	\$300
6255	Clothing & Uniforms	\$5,371	\$4,633	\$4,500	\$5,000	\$5,000
6259	Meals & Refreshments	\$671	\$576	\$700	\$700	\$700
6260	Utilities	\$5,663	\$10,500	\$10,050	\$8,500	\$8,500
6264	General Supplies	\$9,105	\$8,253	\$11,000	\$10,000	\$10,000
6272	Fire Hydrants	\$15,450	\$4,206	\$10,000	\$6,000	\$6,000
6281	Piping & Fitting	\$37,934	\$30,091	\$30,000	\$35,000	\$35,000
6286	Landfill Fees	\$884	\$812	\$3,000	\$3,000	\$3,000
6310	R & M Vehicles	\$2,844	\$1,525	\$2,000	\$3,000	\$3,000
6315	R & M Building	\$23,543	\$17,519	\$27,700	\$17,000	\$33,700
6340	R & M Equipment	\$623	\$4,062	\$3,000	\$3,000	\$3,000
6355	Contractual Services	\$59,007	\$51,362	\$50,000	\$51,000	\$50,000
6380	Julie System	\$1,531	\$1,268	\$1,200	\$1,200	\$1,200
6445	Other Equipment	\$56,269	\$3,386	\$5,000	\$5,000	\$5,000
6505	Liability & Property Insurance	\$50,801	\$47,567	\$45,000	\$45,000	\$45,000
6515	Worker's Compensation Self-Ins.	\$29,216	\$40,000	\$40,000	\$40,000	\$40,000
6625	Bad Debt Expense	\$2,416	\$7,462	\$0	\$8,000	\$8,000
<b>Water Distribution</b>		<b>\$1,380,022</b>	<b>\$1,284,021</b>	<b>\$1,258,730</b>	<b>\$1,260,444</b>	<b>\$1,306,022</b>

# City of Batavia 2011 Annual Budget

Fund # 30 — Water Fund

Department #73 — Water Distribution

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## Detail on Significant Items

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### Account

#### Personnel

- (1) Superintendent of Water/Sewer
- (2) Water/Sewer Crewleader
- (6) Water/Sewer Maintenance Worker
- (1) Administrative Secretary
- (1) PT Administrative Secretary

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<b>6315</b>	<b>R &amp; M Building</b>	
	R & M Building	\$15,000
	Cleaning Contract	\$4,700
	South Fence & Gate Repair	\$5,000
	Ventilation Public Works Garage	\$9,000
	<b>Total</b>	<b>\$33,700</b>

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<b>6355</b>	<b>Contractual Services</b>	
	Annual Underground Leak Detection program	\$12,000
	Emergency Leak Repairs; Alarm Services; Meter Testing	\$5,000
	Annual Valve Turning/Testing Program	\$21,000
	Pavement & Concrete repairs	\$10,000
	Residential Toilet Rebate Program	\$2,000
	<b>Total</b>	<b>\$50,000</b>

# City of Batavia 2011 Annual Budget

## Expenditures

**Fund #30 — Water Fund**

**Department #90 — Interfund Allocations**

<b>Acct.</b>	<b>Description</b>	<b>Actual</b>	<b>Actual</b>	<b>Approved</b>	<b>Estimated</b>	<b>Proposed</b>
		<b>2008</b>	<b>2009</b>	<b>Budget</b>	<b>2010</b>	<b>Budget</b>
				<b>2010</b>	<b>2010</b>	<b>2011</b>
7010	Transfer to General Activities Fd10	\$634,131	\$567,076	\$465,054	\$465,054	\$454,796
7021	Transfer to Electric Fd21	\$138,549	\$139,857	\$111,300	\$111,300	\$113,719
7053	Transfer to Fire & PW DS Fd53	\$20,837	\$20,895	\$20,662	\$20,662	\$0
	<b>Interfund Allocations</b>	<b>\$793,517</b>	<b>\$727,828</b>	<b>\$597,016</b>	<b>\$597,016</b>	<b>\$568,515</b>

# City of Batavia 2011 Annual Budget

## Expenditures

**Fund #30 — Water Fund**

**Department #98 — Revenue Bond Payments**

Acct.	Description	Actual	Actual	Approved	Estimated	Proposed
		2008	2009	Budget 2010	2010	Budget 2011
6601	Principal Payment	\$880,292	\$952,843	\$977,925	\$977,925	\$659,695
6602	Interest Expense	\$357,934	\$338,360	\$309,384	\$309,384	\$282,693
6603	Bond Fees	\$175	\$350	\$175	\$175	\$175
	<b>Revenue Bond Payments</b>	<b>\$1,238,401</b>	<b>\$1,291,553</b>	<b>\$1,287,484</b>	<b>\$1,287,484</b>	<b>\$942,563</b>

# City of Batavia 2011 Annual Budget

Fund # 30 — Water Fund

Department #98 — Revenue Bond Payments

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## Detail on Significant Items

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### Account

<b>6601</b>	<b>Principal Payment</b>	
	L17-2419 IEPA Transmission Main Due 5/1/2011	\$144,571
	L17-2419 IEPA Transmission Main Due 11/1/2011	\$146,378
	L17-2420 IEPA Treatment Plant Due 5/1/2011	\$74,196
	L17-2420 IEPA Treatment Plant Due 11/1/2011	\$75,124
	L17-2546 IEPA Booster Station Due 5/1/2011	\$11,537
	L17-2546 IEPA Booster Station Due 11/1/2011	\$11,682
	L17-2262 IEPA Storage Towers Due 3/26/2011	\$64,217
	L17-2262 IEPA Storage Towers Due 9/26/2011	\$65,020
	L17-2304 IEPA Wells 10 & 11 Due 3/26/2011	\$33,277
	L17-2304 IEPA Wells 10 & 11 Due 9/26/2011	\$33,693
	<b>Total</b>	<b>\$659,695</b>
<b>6602</b>	<b>Interest Expense</b>	
	L17-2419 Transmission Main Due 5/1/2011	\$60,140
	L17-2419 Transmission Main Due 11/1/2011	\$58,333
	L17-2420 Treatment Plant Due 5/1/2011	\$30,865
	L17-2420 Treatment Plant Due 11/1/2011	\$29,938
	L17-2546 Booster Station Due 5/1/2011	\$4,800
	L17-2546 Booster Station Due 11/1/2011	\$4,655
	L17-2262 Storage Towers Due 3/26/2011	\$31,346
	L17-2262 Storage Towers Due 9/26/2011	\$30,544
	L17-2304 Wells 10 & 11 Due 3/26/2011	\$16,244
	L17-2304 Wells 10 & 11 Due 9/26/2011	\$15,828
	<b>Total</b>	<b>\$282,693</b>

## **Wastewater Treatment and Sanitary Sewer Maintenance**

The Wastewater Division has the ultimate responsibility for treating all of the City's sanitary sewerage and combination storm water before returning it to the environment.

The Wastewater Treatment Facility is highly regulated by the United States Environmental Protection Agency and the Illinois Environmental Protection Agency. These agencies perform random testing of the facilities effluent. The USEPA, through the IEPA, issues a National Pollutant Discharge Elimination System (NPDES) Permit. Included in the NPDES Permit are specific guidelines concerning the testing of the facilities effluent. The facility performs lab analysis 5 days a week to ensure compliance with specified guidelines.

Capital assets of the division include the treatment plant and 18 Lift Stations throughout the City. The treatment plant has many components, which include an excess flow facility, a headworks facility, primary and secondary clarifiers, aeration nitrification basins, ultraviolet disinfection equipment, anaerobic digesters and a sludge handling facility. Many of these facilities underwent a major renovation completed in 2001. Funding was provided through the Illinois Environmental Protection Agency. Outstanding Debt for the Wastewater Fund will start the year 2011 at \$7.6 million and end at \$6.5 million.

The division has plans to rehabilitate the Carriage Crest lift station in 2011 which has been planned for some time but required more research before being completed. Staff continues to evaluate the possibility of sharing the lift station site & utilities with a storm water pump station for the Braeburn area. The lift station rehab is necessary because of the age and condition of the equipment. This project will also eliminate confined space working environments for employees by replacing the underground pump setup with submersible pumps. The City will be using a favorable subsidized-interest Recovery loan through Kane County to finance this project over 10 years.

The final draft of the Sanitary Sewer Master Plan has also been presented to the City Council.. This report has provided the City with the framework for sanitary sewer system improvements and associated costs. Staff members will be presenting a summary of revenues and expenses anticipated during the next five (5) years to the City Council in early 2011, but it is clear that either due to new IEPA regulation, new conditions placed on renewal of the City's NPDES permit in 2012, or an increase in residents and/or other sewer users, expansion of the downtown plant is on the horizon. Staff will also be investigating specific strategies to permanently deal with the issue of odors emanating from the plant under certain conditions.

# City of Batavia 2011 Annual Budget

## Fund #31 — Wastewater Fund Summary

Description	Actual 2008	Actual 2009	Approved Budget 2010	Estimated 2010	Proposed Budget 2011
<b>Surplus and Reserves</b>	<b>\$2,244,632</b>	<b>\$2,057,797</b>		<b>\$1,909,218</b>	<b>\$2,034,519</b>
01 Utility Operating Revenues	\$3,568,378	\$3,706,913	\$3,746,516	\$3,691,193	\$3,715,000
02 Utility Nonoperating Revenues	\$139,736	\$70,777	\$85,815	\$102,651	\$96,765
06 Other Revenues	\$61,814	\$24,926	\$26,000	\$12,000	\$16,000
08 Revenue Bond Proceeds	\$0	\$0	\$0	\$0	\$920,000
<b>Total Revenue</b>	<b>\$3,769,928</b>	<b>\$3,802,616</b>	<b>\$3,858,331</b>	<b>\$3,805,844</b>	<b>\$4,747,765</b>
Wastewater Improvements	\$0	\$27,000	\$727,000	\$0	\$1,010,000
Waste Water Treatment	\$1,734,768	\$1,699,257	\$1,716,962	\$1,560,963	\$1,721,154
Sanitary Sewer	\$162,720	\$208,027	\$258,091	\$220,033	\$253,327
Interfund Allocations	\$697,455	\$647,955	\$530,591	\$530,591	\$520,041
Revenue Bond Payments	\$1,361,820	\$1,368,956	\$1,368,956	\$1,368,956	\$1,391,982
<b>Total Expense</b>	<b>\$3,956,763</b>	<b>\$3,951,195</b>	<b>\$4,601,600</b>	<b>\$3,680,543</b>	<b>\$4,896,504</b>
<b>Surplus/(Deficit)</b>	<b>( \$186,835)</b>	<b>( \$148,579)</b>	<b>( \$743,269)</b>	<b>\$125,301</b>	<b>( \$148,739)</b>
<b>Surplus and Reserves</b>	<b>\$2,057,797</b>	<b>\$1,909,218</b>		<b>\$2,034,519</b>	<b>\$1,885,780</b>

# City of Batavia 2011 Annual Budget

## Revenues

### Fund #31 — Wastewater Fund

Acct.	Description	Actual 2008	Actual 2009	Approved Budget 2010	Estimated 2010	Proposed Budget 2011
4710	Residential Sewer Charges	\$2,522,066	\$2,606,167	\$2,619,039	\$2,572,175	\$2,585,000
4715	Comm & Indust Sewer Charges	\$1,016,650	\$1,063,457	\$1,090,977	\$1,085,000	\$1,095,000
4721	Sewer Penalties	\$29,662	\$37,289	\$36,500	\$34,018	\$35,000
	<b>01 Utility Operating Revenues</b>	<b>\$3,568,378</b>	<b>\$3,706,913</b>	<b>\$3,746,516</b>	<b>\$3,691,193</b>	<b>\$3,715,000</b>
4725	Sewer Treatment Charges	\$118,975	\$42,140	\$51,360	\$85,000	\$81,360
4730	Sanitary Sewer Recapture	\$3,070	\$4,563	\$3,020	\$5,825	\$3,020
4735	Sanitary Sewer Inspection	\$595	\$315	\$385	\$385	\$385
4740	Sewer Connections	\$17,096	\$23,759	\$31,050	\$11,441	\$12,000
	<b>02 Utility Nonoperating Revenues</b>	<b>\$139,736</b>	<b>\$70,777</b>	<b>\$85,815</b>	<b>\$102,651</b>	<b>\$96,765</b>
5000	Investment Income	\$61,814	\$24,926	\$26,000	\$12,000	\$16,000
	<b>06 Other Revenues</b>	<b>\$61,814</b>	<b>\$24,926</b>	<b>\$26,000</b>	<b>\$12,000</b>	<b>\$16,000</b>
4411	Revenue Bond Proceeds	\$0	\$0	\$0	\$0	\$920,000
	<b>08 Revenue Bond Proceeds</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$920,000</b>
	<b>Total Revenue</b>	<b>\$3,769,928</b>	<b>\$3,802,616</b>	<b>\$3,858,331</b>	<b>\$3,805,844</b>	<b>\$4,747,765</b>

# City of Batavia 2011 Annual Budget

Fund # 31 — Wastewater Fund

Department #00 — Revenues

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## Detail on Significant Items

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### Account

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<b>4411</b>	<b>Revenue Bond Proceeds</b>		
	Recovery Zone Bonds		\$920,000
		<b>Total</b>	<b>\$920,000</b>

# City of Batavia 2011 Annual Budget

## Expenditures

**Fund #31 — Wastewater Fund**

**Department #81 — Wastewater Improvements**

<b>Acct.</b>	<b>Description</b>	<b>Actual 2008</b>	<b>Actual 2009</b>	<b>Approved Budget 2010</b>	<b>Estimated 2010</b>	<b>Proposed Budget 2011</b>
6355	Contractual Services	\$0	\$0	\$660,000	\$0	\$943,000
6360	Engineering Fees	\$0	\$5,000	\$67,000	\$0	\$67,000
6450	Vehicles & Equipment	\$0	\$22,000	\$0	\$0	\$0
	<b>Wastewater Improvements</b>	<b>\$0</b>	<b>\$27,000</b>	<b>\$727,000</b>	<b>\$0</b>	<b>\$1,010,000</b>

# City of Batavia 2011 Annual Budget

Fund # 31 — Wastewater Fund

Department #81 — Wastewater Improvements

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## Detail on Significant Items

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### Account

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<b>6355</b>	<b>Contractual Services</b>	
	Improvements to Carriage Crest Lift Station	\$933,000
	Professional Services	\$10,000
	<b>Total</b>	<b>\$943,000</b>
<hr/>		
<b>6360</b>	<b>Engineering Fees</b>	
	Design Engineering, Carriage Crest	\$44,000
	Construction Engineering, Carriage Crest	\$23,000
	<b>Total</b>	<b>\$67,000</b>

# City of Batavia 2011 Annual Budget

## Expenditures

**Fund #31 — Wastewater Fund**

**Department #82 — Waste Water Treatment**

Acct.	Description	Actual	Actual	Approved	Estimated	Proposed
		2008	2009	Budget 2010	2010	Budget 2011
6101	Salaries and Wages	\$538,629	\$541,446	\$492,683	\$459,679	\$468,785
6102	Overtime	\$29,099	\$24,689	\$25,365	\$24,817	\$24,894
6103	Double-time	\$34,749	\$20,446	\$21,305	\$18,992	\$19,015
6104	Stand-by	\$32,163	\$33,926	\$29,051	\$25,946	\$32,931
6107	Part-time Wages	\$0	\$0	\$3,840	\$0	\$3,840
6120	City Health Ins Contribution	\$128,405	\$125,501	\$112,461	\$104,160	\$111,959
6121	City IMRF Pension Contribution	\$57,888	\$62,235	\$65,480	\$60,991	\$65,257
6122	City Share FICA and Medicare	\$45,440	\$45,497	\$43,777	\$40,502	\$42,034
6205	Memberships	\$234	\$120	\$250	\$225	\$250
6210	Training & Seminars	\$3,098	\$1,955	\$2,000	\$1,550	\$1,900
6215	Resource Materials	\$211	\$124	\$500	\$300	\$300
6220	Travel & Mileage	\$17	\$9	\$400	\$400	\$250
6230	Office Supplies	\$588	\$837	\$750	\$800	\$800
6238	Lab Supplies	\$3,111	\$4,153	\$8,000	\$8,000	\$5,500
6241	Fuel	\$13,662	\$6,719	\$8,500	\$8,440	\$8,989
6248	Regulatory Fees	\$15,500	\$15,500	\$15,500	\$15,500	\$15,500
6250	Telephone	\$23,176	\$25,324	\$25,000	\$23,459	\$23,000
6255	Clothing & Uniforms	\$2,296	\$2,478	\$3,500	\$3,000	\$3,000
6258	Chemicals	\$27,781	\$29,271	\$29,000	\$28,500	\$29,000
6260	Utilities	\$481,102	\$461,252	\$500,000	\$435,000	\$500,000
6261	Safety Supplies	\$1,384	\$377	\$1,800	\$1,200	\$1,250
6264	General Supplies	\$4,757	\$3,797	\$6,500	\$5,000	\$4,000
6286	Landfill Fees	\$91,032	\$84,900	\$90,000	\$90,150	\$91,000
6310	R & M Vehicles	\$5,316	\$1,478	\$2,500	\$6,500	\$4,500
6315	R & M Building	\$2,174	\$5,818	\$10,000	\$1,100	\$30,000
6340	R & M Equipment	\$88,311	\$106,628	\$130,000	\$125,000	\$130,000
6355	Contractual Services	\$12,636	\$15,375	\$18,800	\$7,500	\$25,700
6445	Other Equipment	\$16,053	\$0	\$0	\$0	\$0
6505	Liability & Property Insurance	\$54,818	\$47,567	\$45,000	\$31,752	\$45,000
6515	Worker's Compensation Self-Ins.	\$19,116	\$25,000	\$25,000	\$25,000	\$25,000
6625	Bad Debt Expense	\$2,022	\$6,835	\$0	\$7,500	\$7,500
<b>Waste Water Treatment</b>		<b>\$1,734,768</b>	<b>\$1,699,257</b>	<b>\$1,716,962</b>	<b>\$1,560,963</b>	<b>\$1,721,154</b>

# City of Batavia 2011 Annual Budget

Fund # 31 — Wastewater Fund

Department #82 — Waste Water Treatment

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## Detail on Significant Items

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### Account

#### Personnel

- (1) Superintendent of Wastewater
- (1) Chief Operator
- (4) Wastewater Plant Operator
- (1) PT Administrative Secretary
- (1) PT Lab Technician

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<b>6210</b>	<b>Training &amp; Seminars</b>		
	Safety Meetings, CPR, Trade Workshops		\$1,900
		<b>Total</b>	<b>\$1,900</b>
<hr/>			
<b>6315</b>	<b>R &amp; M Building</b>		
	Sludge Handling Building Roof		\$20,000
	Intermediate Pump Station Structural Repairs		\$10,000
		<b>Total</b>	<b>\$30,000</b>
<hr/>			
<b>6340</b>	<b>R &amp; M Equipment</b>		
	UV Lamp Assembly Replacement Program		\$17,500
	Primary Tank #1 Rehabilitation (Carry Over)		\$15,000
	Rotating Assembly for First St Lift Station Pump #1		\$7,000
	Heater/Make-Up Air Unit Sludge Handling Building		\$18,000
	Three Force Main Valve Replacements at Holy Cross		\$14,000
	Digester Cleaning		\$8,500
	General R&M		\$50,000
		<b>Total</b>	<b>\$130,000</b>
<hr/>			
<b>6355</b>	<b>Contractual Services</b>		
	Fire Inspection & Maintenance		\$700
	Annual Backflow Prevention Testing		\$450
	Outsourced Laboratory Analysis		\$1,000
	Contribution To Fox River Study Group		\$6,250

# City of Batavia 2011 Annual Budget

Fund # 31 — Wastewater Fund

Department #82 — Waste Water Treatment

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## Detail on Significant Items

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### Account

Landscaping Maintenance at Lift Stations	\$1,200
Various Professional Services	\$1,100
SCADA Improvements	\$15,000
<b>Total</b>	<b>\$25,700</b>

# City of Batavia 2011 Annual Budget

## Expenditures

**Fund #31 — Wastewater Fund**

**Department #83 — Sanitary Sewer**

Acct.	Description	Actual 2008	Actual 2009	Approved Budget 2010	Estimated 2010	Proposed Budget 2011
6101	Salaries and Wages	\$76,232	\$105,018	\$104,074	\$106,000	\$106,000
6102	Overtime	\$13,883	\$4,448	\$9,800	\$8,500	\$8,500
6103	Double-time	\$1,451	\$1,393	\$2,450	\$2,000	\$2,000
6120	City Health Ins Contribution	\$19,444	\$24,136	\$20,999	\$23,600	\$25,252
6121	City IMRF Pension Contribution	\$8,401	\$10,886	\$13,401	\$13,421	\$13,933
6122	City Share FICA and Medicare	\$6,595	\$7,958	\$8,899	\$8,912	\$8,912
6210	Training & Seminars	\$0	\$30	\$100	\$100	\$100
6240	Materials	\$1,920	\$5,482	\$5,000	\$5,000	\$5,000
6241	Fuel	\$2,816	\$1,931	\$2,368	\$2,000	\$2,130
6255	Clothing & Uniforms	\$610	\$563	\$800	\$800	\$800
6264	General Supplies	\$883	\$258	\$1,000	\$1,500	\$1,500
6310	R & M Vehicles	\$87	\$830	\$1,000	\$1,000	\$1,000
6340	R & M Equipment	\$4,856	\$3,671	\$5,000	\$3,000	\$4,000
6355	Contractual Services	\$19,921	\$27,526	\$25,000	\$35,000	\$50,000
6360	Engineering Fees	\$2,632	\$12,495	\$55,000	\$5,000	\$5,000
6380	Julie System	\$1,531	\$1,268	\$1,200	\$1,200	\$1,200
6445	Other Equipment	\$1,458	\$134	\$2,000	\$3,000	\$18,000
	<b>Sanitary Sewer</b>	<b>\$162,720</b>	<b>\$208,027</b>	<b>\$258,091</b>	<b>\$220,033</b>	<b>\$253,327</b>

# City of Batavia 2011 Annual Budget

Fund # 31 — Wastewater Fund

Department #83 — Sanitary Sewer

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## Detail on Significant Items

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### Account

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<b>6355</b>	<b>Contractual Services</b>	
	SSES - Smoke Testing	\$25,000
	SSES - MH Repair & Pipe Sealing	\$25,000
	<b>Total</b>	<b>\$50,000</b>
<hr/>		
<b>6445</b>	<b>Other Equipment</b>	
	Misc. Equipment	\$3,000
	Quick View Camera for Manhole Inspections	\$15,000
	<b>Total</b>	<b>\$18,000</b>

# City of Batavia 2011 Annual Budget

## Expenditures

**Fund #31 — Wastewater Fund**

**Department #90 — Interfund Allocations**

Acct.	Description	Actual 2008	Actual 2009	Approved Budget 2010	Estimated 2010	Proposed Budget 2011
7010	Transfer to General Activities Fd10	\$558,906	\$508,098	\$419,291	\$419,291	\$406,322
7021	Transfer to Electric Fd21	\$138,549	\$139,857	\$111,300	\$111,300	\$113,719
	<b>Interfund Allocations</b>	<b>\$697,455</b>	<b>\$647,955</b>	<b>\$530,591</b>	<b>\$530,591</b>	<b>\$520,041</b>

# City of Batavia 2011 Annual Budget

## Expenditures

**Fund #31 — Wastewater Fund**

**Department #98 — Revenue Bond Payments**

Acct.	Description	Actual	Actual	Approved	Estimated	Proposed
		2008	2009	Budget 2010	2010	Budget 2011
6601	Principal Payment	\$1,073,769	\$1,107,380	\$1,142,084	\$1,142,084	\$1,164,062
6602	Interest Expense	\$288,051	\$261,576	\$226,872	\$226,872	\$227,920
	<b>Revenue Bond Payments</b>	<b>\$1,361,820</b>	<b>\$1,368,956</b>	<b>\$1,368,956</b>	<b>\$1,368,956</b>	<b>\$1,391,982</b>

# City of Batavia 2011 Annual Budget

Fund # 31 — Wastewater Fund

Department #98 — Revenue Bond Payments

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## Detail on Significant Items

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### Account

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<b>6601</b>	<b>Principal Payment</b>	
	L17-1385 IEPA Treatment Plant Due 5/1/2011	\$277,756
	L17-1385 IEPA Treatment Plant Due 11/1/2011	\$281,277
	L17-1722 IEPA Lift Station Due 5/1/2011	\$26,495
	L17-1722 IEPA Lift Station Due 11/1/2011	\$26,830
	L17-0217 IEPA Treatment Plant Due 4/15/2011	\$235,405
	L17-0217 IEPA Treatment Plant Due 10/15/2011	\$239,813
	Recovery Bonds Payment	\$76,486
	<b>Total</b>	<b>\$1,164,062</b>
<b>6602</b>	<b>Interest Expense</b>	
	L17-1385 IEPA Treatment Plant Due 5/1/2011	\$79,571
	L17-1385 IEPA Treatment Plant Due 11/1/2011	\$76,050
	L17-1722 IEPA Lift Station Due 5/1/2011	\$7,027
	L17-1722 IEPA Lift Station Due 11/1/2011	\$6,691
	L17-0217 IEPA Treatment Plant Due 4/15/2011	\$13,473
	L17-0217 IEPA Treatment Plant Due 10/15/2011	\$9,065
	Recovery Bonds Interest	\$36,043
	<b>Total</b>	<b>\$227,920</b>