



**2012 Municipal Budget  
Water Fund Revenues and  
Expenses**

City of Geneva, New York  
2012 Municipal Budget  
Water Fund Summary

Revenue	2011 Forecast	2012 Forecast
Appropriated Fund Balance	\$ 283,242	\$ 100,000
Ratepayer Revenue	\$ 2,945,117	\$ 2,710,000
Water Taps	\$ 249,687	\$ 100,000
Interest and Penalties	\$ 40,000	\$ 40,000
Miscellaneous	\$ 137,732	\$ 70,000
Interest on Investments	\$ 2,500	\$ 3,000
Outside Sales	\$ 872	\$ 1,000
<b>Total Revenues</b>	<b>\$ 3,659,150</b>	<b>\$ 3,024,000</b>

Expenditure	Staff Request	City Manager Recommendation
Maintenance/Distribution	\$ 681,109	\$ 681,109
Water Treatment	\$ 868,993	\$ 868,993
Other Costs	\$ 434,818	\$ 434,818
Water Fund Debt	\$ 1,039,080	\$ 1,039,080
<b>Total Expenditures</b>	<b>\$ 3,024,000</b>	<b>\$ 3,024,000</b>

### **Program Summary**

The Water Fund supports Public Works activity and staff in two areas. First, Water Maintenance is responsible for the entire water distribution system, including installation of new water mains, inspections for capital projects, and replacement and reading of water meters. It also enforces the cross-connection program as required by the State. Second, staff at the Water Plant maintains and operates the treatment plant and water reservoir. This includes a water quality testing program per Federal and State regulations.

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### **How this Makes Geneva Great**

The 2012 Water Treatment and Maintenance Program will ensure delivery of high-quality drinking water to all system customers. Our state-of-the-art drinking water microfilter treatment system has enhanced our capability to deliver a great product efficiently. Additionally, thanks to recent investments in metering technology, the 2012 operations year will mark the second consecutive year with no required rate increase.

Additionally, Water Department staff will address the following programs to make Geneva's drinking water system great.

#### *Valve Exercise Program*

The second installment of this state-mandated program will test drinking water and fire protection infrastructure over one-third of the total system. The project identifies potential points of failure, conducts a battery of tests to determine condition of infrastructure, and conducts repairs as needed.

#### *Observation and Control Technology Enhancements*

The Department's SCADA system, which is used to observe and control multiple aspects of utility operation, was first installed in the late 1990's. Much of the equipment is nearing the end of its useful life, and will cease to be supported by product manufacturers in the coming years. Staff recommends total replacement of the SCADA observation technology. This investment will provide for critical on-site management of water resources, while also providing the opportunity for round-the-clock virtual utility management through internet interfaces for program staff.

City of Geneva, New York  
2012 Municipal Budget  
Water Distribution and Maintenance

<b>Expense Code</b>	<b>Expense Center</b>	<b>2012 Staff Request</b>	<b>2012 Manager Recommendation</b>	<b>2012 Council Approved</b>
8310.1001	Salary	\$ 324,632	\$ 324,632	\$ 324,632
8310.8070	Social Security	\$ 24,834	\$ 24,834	\$ 24,834
8310.8071	Retirement	\$ 50,643	\$ 50,643	\$ 50,643
8310.8072	Health Care	\$ 58,950	\$ 58,950	\$ 58,950
8310.1002	Overtime	\$ 37,000	\$ 37,000	\$ 37,000
8310.1004	Extra Help	\$ 3,750	\$ 3,750	\$ 3,750
8310.4010	Telephone	\$ 900	\$ 900	\$ 900
8310.4011	Postage	\$ 3,000	\$ 3,000	\$ 3,000
8310.4013	Office Supplies	\$ 2,000	\$ 2,000	\$ 2,000
8310.4014	Conferences	\$ 1,000	\$ 1,000	\$ 1,000
8310.4018	Computer Costs	\$ 5,000	\$ 5,000	\$ 5,000
8310.4019	Audit Fees	\$ 5,000	\$ 5,000	\$ 5,000
8310.4020	Materials and Supplies	\$ 4,500	\$ 4,500	\$ 4,500
8310.4021	Vehicles	\$ 7,200	\$ 7,200	\$ 7,200
8310.4022	Gas and Oil	\$ 14,200	\$ 14,200	\$ 14,200
8310.4025	Stone/Cement	\$ 24,000	\$ 24,000	\$ 24,000
8310.2029	Equipment	\$ 7,000	\$ 7,000	\$ 7,000
8310.4030	Utility Costs	\$ 20,000	\$ 20,000	\$ 20,000
8310.4031	Building Costs	\$ 7,200	\$ 7,200	\$ 7,200
8310.4035	Radio Maintenance	\$ 1,000	\$ 1,000	\$ 1,000
8310.4041	Rights of Way	\$ 800	\$ 800	\$ 800
8310.4045	Training	\$ 1,000	\$ 1,000	\$ 1,000
8310.4048	Water Service Supplies	\$ 28,500	\$ 28,500	\$ 28,500
8310.4049	Meter Repairs	\$ 2,000	\$ 2,000	\$ 2,000
8310.4050	New Meters	\$ 10,000	\$ 10,000	\$ 10,000
8310.4051	Mains/Valves/Hydrants	\$ 37,000	\$ 37,000	\$ 37,000
<b>Total Costs</b>		<b>\$ 681,109</b>	<b>\$ 681,109</b>	<b>\$ 681,109</b>

City of Geneva, New York  
2012 Municipal Budget  
Water Treatment

Expense Code	Expense Center	2012 Staff Request	2012 Manager Recommendation	2012 Council Approved
8320.1001	Salary	\$ 229,009	\$ 229,009	\$ 229,009
8320.8070	Social Security	\$ 20,519	\$ 20,519	\$ 20,519
8320.8071	Retirement	\$ 35,725	\$ 35,725	\$ 35,725
8320.8072	Health Care	\$ 33,400	\$ 33,400	\$ 33,400
8320.1002	Overtime	\$ 5,000	\$ 5,000	\$ 5,000
8320.4010	Telephone	\$ 3,100	\$ 3,100	\$ 3,100
8320.4013	Office Supplies	\$ 1,000	\$ 1,000	\$ 1,000
8320.4018	Computer Costs	\$ 101,500	\$ 101,500	\$ 101,500
8320.4020	Materials and Supplies	\$ 10,000	\$ 10,000	\$ 10,000
8320.4021	Vehicles	\$ 1,500	\$ 1,500	\$ 1,500
8320.4022	Gas and Oil	\$ 5,850	\$ 5,850	\$ 5,850
8320.4023	Chemical Costs	\$ 42,000	\$ 42,000	\$ 42,000
8320.4024	Laundry	\$ 750	\$ 750	\$ 750
8320.4025	Sand Filter	\$ 1,200	\$ 1,200	\$ 1,200
8320.4026	Phosphate Costs	\$ 6,000	\$ 6,000	\$ 6,000
8320.4030	Utility Costs	\$ 168,000	\$ 168,000	\$ 168,000
8320.4031	Building Costs	\$ 10,000	\$ 10,000	\$ 10,000
8320.4032	Lab Supplies	\$ 15,000	\$ 15,000	\$ 15,000
8320.4033	Town Sewer	\$ 7,800	\$ 7,800	\$ 7,800
8320.4035	Equipment Maintenance	\$ 40,000	\$ 40,000	\$ 40,000
8320.4045	Training	\$ 3,400	\$ 3,400	\$ 3,400
8320.4052	Booster Station	\$ 2,000	\$ 2,000	\$ 2,000
8320.4053	Taxes	\$ 106,240	\$ 106,240	\$ 106,240
8320.4091	Engineering	\$ 20,000	\$ 20,000	\$ 20,000
<b>Total Costs</b>		<b>\$ 868,993</b>	<b>\$ 868,993</b>	<b>\$ 868,993</b>

City of Geneva, New York  
 2012 Municipal Budget  
 Water Fund--Miscellaneous Costs

<b>Expense Code</b>	<b>Expense Center</b>	<b>2012 Staff Request</b>	<b>2012 Manager Recommendation</b>	<b>2012 Council Approved</b>
1910.4000	Insurance	\$ 45,000	\$ 45,000	\$ 45,000
1990.4000	Contingency	\$ 25,000	\$ 25,000	\$ 45,000
9901.9000	General Fund Transfer	\$ 238,000	\$ 238,000	\$ 45,000
9060.8072	Retiree Health Care	\$ 126,818	\$ 126,818	\$ 45,000
<b>Total Costs</b>		<b>\$ 434,818</b>	<b>\$ 434,818</b>	<b>\$ 180,000</b>

City of Geneva, New York  
 2012 Municipal Budget  
 Water Fund Debt Obligations

<b>Expense Center</b>	<b>2012 Staff Request</b>	<b>2012 Manager Recommendation</b>	<b>2012 Council Approved</b>
BAN-Plant Upgrades	\$ 143,390	\$ 143,390	\$ 143,390
BAN-Meter Replacement	\$ 127,921	\$ 127,921	\$ 127,921
BAN-NSC Reconstruction	\$ 14,793	\$ 14,793	\$ 14,793
BAN-Lewis Reconstruction	\$ 27,160	\$ 27,160	\$ 27,160
2010 Serial Bond	\$ 146,050	\$ 146,050	\$ 146,050
2007 Serial Bond	\$ 213,704	\$ 213,704	\$ 213,704
2005 Serial Bond	\$ 46,987	\$ 46,987	\$ 46,987
2004 Serial Bond	\$ 54,249	\$ 54,249	\$ 54,249
2002 Refunding	\$ 106,971	\$ 106,971	\$ 106,971
2011A Refunding	\$ 99,551	\$ 99,551	\$ 99,551
1999 Serial Bond	\$ 58,304	\$ 58,304	\$ 58,304
<b>Total Costs</b>	<b>\$ 1,039,080</b>	<b>\$ 1,039,080</b>	<b>\$ 1,039,080</b>



**2012 Municipal Budget  
Sewer Fund Revenues and  
Expenses**



City of Geneva, New York  
 2012 Municipal Budget  
 Wastewater Fund Summary

Revenue	2011 Forecast	2012 Forecast
Appropriated Fund Balance	\$ 226,000	\$ 100,000
Ratepayer Revenue	\$ 3,677,000	\$ 3,075,000
Contractual Revenue	\$ 500,000	\$ 400,000
Other Revenue	\$ 241,471	\$ 200,000
Interest on Investments	\$ 8,000	\$ 8,000
<b>Total Revenues</b>	<b>\$ 4,652,471</b>	<b>\$ 3,783,000</b>

Expenditure	Staff Request	City Manager Recommendation
Collection and Maintenance	\$ 497,902	\$ 497,902
Treatment	\$ 1,714,770	\$ 1,714,770
Other Costs	\$ 225,100	\$ 225,100
Wastewater Debt	\$ 1,345,228	\$ 1,345,228
<b>Total Expenditures</b>	<b>\$ 3,783,000</b>	<b>\$ 3,783,000</b>

### **Program Summary**

The Sewer Fund supports Public Works activity in two areas. First, Sewer Maintenance maintains 84 miles of sanitary sewers and 30 miles of storm sewers. This includes 850 manholes and 1700 catch basins. Staff carries out routine maintenance work and responds to emergency situations. This work is critical to reducing inflow/infiltration into the system. Second, staff at Marsh Creek Wastewater Treatment Plant maintains and operates all aspects of the plant. This newest treatment asset provides critical flash treatment of wastewater during periods of high flow, including storm and other natural disaster events.

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### **How this Makes Geneva Great**

The 2012 Wastewater Treatment and Collection Program features the continued high level of service enjoyed in previous years, with an enhanced investment in modernization of plant processes and equipment to provide for environmental and operational sustainability. The 2012 operational year represents the first year in recent memory without a required rate increase.

Projects in the 2012 Wastewater program include:

#### *Composting Program*

Staff will implement an equipment and process overhaul to provide for energy efficiency and environmental sustainability of plant operations. The program includes deployment of a new technology, which virtually eliminates the need to transport and dispose of process sludge at area landfills. Instead, organic processes provide for the production of a high-grade, nutrient rich compost, which will be marketed for sale to regional nurseries and other users. This program will be developed through the use of performance contracting, with the entire investment supported by energy and sludge disposal savings. No net increase in operational costs is anticipated.

#### *Observation and Control Technology Enhancements*

The Department's SCADA system, which is used to observe and control multiple aspects of utility operation, was first installed in the late 1990's. Much of the equipment is nearing the end of its useful life, and will cease to be supported by product manufacturers in the coming years. Staff recommends total replacement of the SCADA observation technology. This investment will provide for critical on-site management of water resources, while also providing the opportunity for round-the-clock virtual utility management through internet interfaces for program staff.

City of Geneva, New York  
2012 Municipal Budget  
Wastewater Collection and Maintenance

<b>Expense Code</b>	<b>Expense Center</b>	<b>2012 Staff Request</b>	<b>2012 Manager Recommendation</b>	<b>2012 Council Approved</b>
8110.1001	Salary	\$ 243,209	\$ 243,209	\$ 243,209
8110.8070	Social Security	\$ 21,508	\$ 21,508	\$ 21,508
8110.8071	Retirement	\$ 37,085	\$ 37,085	\$ 37,085
8110.8072	Health Care	\$ 55,000	\$ 55,000	\$ 55,000
8110.1002	Overtime	\$ 8,000	\$ 8,000	\$ 8,000
8110.4020	Materials/Supplies	\$ 12,600	\$ 12,600	\$ 12,600
8110.4021	Vehicles	\$ 10,000	\$ 10,000	\$ 10,000
8110.4022	Gas and Oil	\$ 15,000	\$ 15,000	\$ 15,000
8110.4025	Paving	\$ 9,000	\$ 9,000	\$ 9,000
8110.4030	Utility Costs	\$ 15,000	\$ 15,000	\$ 15,000
8110.4031	Building Costs	\$ 5,000	\$ 5,000	\$ 5,000
8110.4035	Equipment Maintenance	\$ 15,000	\$ 15,000	\$ 15,000
8110.4036	Catch Basin Costs	\$ 20,000	\$ 20,000	\$ 20,000
8110.4038	Sewer Repairs	\$ 25,000	\$ 25,000	\$ 25,000
8110.4041	Rights of Way	\$ 1,000	\$ 1,000	\$ 1,000
8110.4043	Preventative Maintenance	\$ 5,000	\$ 5,000	\$ 5,000
8110.4045	Training	\$ 500	\$ 500	\$ 500
<b>Total Costs</b>		<b>\$ 497,902</b>	<b>\$ 497,902</b>	<b>\$ 497,902</b>

City of Genoa, New York  
2012 Municipal Budget  
Wastewater Treatment

Expense Code	Expense Center	2012 Staff Request	2012 Manager Recommendation	2012 Council Approved
8130.1001	Salary	\$ 408,326	\$ 408,326	\$ 408,326
8130.8070	Social Security	\$ 35,265	\$ 35,265	\$ 35,265
8130.8071	Retirement	\$ 62,266	\$ 62,266	\$ 62,266
8130.8072	Health Care	\$ 61,813	\$ 61,813	\$ 61,813
8130.1002	Overtime	\$ 7,000	\$ 7,000	\$ 7,000
8130.4010	Telephone	\$ 3,200	\$ 3,200	\$ 3,200
8130.4011	Postage	\$ 3,000	\$ 3,000	\$ 3,000
8130.4013	Office Supplies	\$ 1,500	\$ 1,500	\$ 1,500
8130.4014	Conferences	\$ 2,000	\$ 2,000	\$ 2,000
8130.4018	Computer Costs	\$ 10,000	\$ 10,000	\$ 10,000
8130.4019	Audit Fees	\$ 6,000	\$ 6,000	\$ 6,000
8130.4020	Materials/Supplies	\$ 34,000	\$ 34,000	\$ 34,000
8130.4021	Vehicle Costs	\$ 20,000	\$ 20,000	\$ 20,000
8130.4022	Gas and Oil	\$ 13,500	\$ 13,500	\$ 13,500
8130.4023	Chemical Costs	\$ 55,000	\$ 55,000	\$ 55,000
8130.4024	Laundry	\$ 1,900	\$ 1,900	\$ 1,900
8130.4026	Phosphate Costs	\$ 65,000	\$ 65,000	\$ 65,000
8130.4027	Sludge Handling	\$ 200,000	\$ 200,000	\$ 200,000
8130.4029	Equipment Purchases	\$ 138,000	\$ 138,000	\$ 138,000
8130.4030	Utility Costs	\$ 470,000	\$ 470,000	\$ 470,000
8130.4031	Building Costs	\$ 20,000	\$ 20,000	\$ 20,000
8130.4032	Lab Supplies	\$ 12,000	\$ 12,000	\$ 12,000
8130.4035	Equipment Maintenance	\$ 30,000	\$ 30,000	\$ 30,000
8130.4039	NYS Fees	\$ 10,000	\$ 10,000	\$ 10,000
8130.4040	Sampling Costs	\$ 40,000	\$ 40,000	\$ 40,000
8130.4045	Training	\$ 5,000	\$ 5,000	\$ 5,000
<b>Total Costs</b>		<b>\$ 1,714,770</b>	<b>\$ 1,714,770</b>	<b>\$ 1,714,770</b>

City of Geneva, New York  
 2012 Municipal Budget  
 Wastewater Fund--Miscellaneous Expenses

<b>Expense Code</b>	<b>Expense Center</b>	<b>2012 Staff Request</b>	<b>2012 Manager Recommendation</b>	<b>2012 Council Approved</b>
1910.4000	Insurance	\$ 58,000	\$ 58,000	\$ 58,000
1990.4000	Contingency	\$ 35,000	\$ 35,000	\$ 35,000
9901.9000	General Fund Transfer	\$ 62,000	\$ 62,000	\$ 62,000
1440.4091	Engineering Costs	\$ 20,000	\$ 20,000	\$ 20,000
9060.8072	Retiree Health Insurance	\$ 50,100	\$ 50,100	\$ 50,100
<b>Total Costs</b>		<b>\$ 225,100</b>	<b>\$ 225,100</b>	<b>\$ 225,100</b>

City of Geneva, New York  
 2012 Municipal Budget  
 Wastewater Fund Debt Obligations

<b>Expense Center</b>	<b>2012 Staff Request</b>	<b>2012 Manager Recommendation</b>	<b>2012 Council Approved</b>
BAN--NSC Reconstruction	\$ 13,199	\$ 13,199	\$ 13,199
BAN--Lewis St Reconstruction	\$ 27,284	\$ 27,284	\$ 27,284
2011 Serial Bonds	\$ 152,416	\$ 152,416	\$ 152,416
2010 Serial Bonds	\$ 288,134	\$ 288,134	\$ 288,134
2008 Plant Upgrades	\$ 455,552	\$ 455,552	\$ 455,552
2007 Serial Bonds	\$ 63,454	\$ 63,454	\$ 63,454
2005 Serial Bonds	\$ 10,388	\$ 10,388	\$ 10,388
2005A Serial Bonds	\$ 58,173	\$ 58,173	\$ 58,173
2004 Serial Bonds	\$ 31,989	\$ 31,989	\$ 31,989
2002 Refunding	\$ 102,325	\$ 102,325	\$ 102,325
1999 Serial Bonds	\$ 105,804	\$ 105,804	\$ 105,804
1993 SRB	\$ 36,510	\$ 36,510	\$ 36,510
<b>Total Costs</b>	<b>\$ 1,345,228</b>	<b>\$ 1,345,228</b>	<b>\$ 1,345,228</b>