

GLENBARD WASTEWATER  
AUTHORITY  
FY2012

OPERATIONS, MAINTENANCE  
AND CAPITAL PLAN

MAY 1, 2011 – APRIL 30, 2012



Erik Lanphier  
Wastewater Manager  
April, 2012



## **GLENBARD WASTEWATER AUTHORITY**

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April 21, 2011

President Bill Mueller and  
Members of the Glenbard Wastewater Authority Board  
Glen Ellyn, Illinois 60137

Subject: May 1, 2011 - April 30, 2012 Glenbard Wastewater Authority Budget  
(FY 2012)

I am pleased to present for your review and consideration the proposed Glenbard Wastewater Authority (Authority) FY 2012 Budget. The Glenbard Team, with the help of the Village Managers, Public Works Directors, and Finance Directors developed the proposed budget that is being recommended for approval to the Glenbard Wastewater Authority Board. The proposed FY 2012 partner allocation shows an overall increase of \$256,900 or 4.26% compared to the approved FY 2011 budget. The budget reflects a substantial capital improvement plan with the construction and closeout of the Lombard Improvement Project. The proposed budget includes funding that will assure continued plant operation meeting regulatory standards while improving the water quality of the East Branch DuPage River.

### **BACKGROUND**

REGIONALIZATION -- The Illinois Pollution Control Board required regionalization of wastewater treatment facilities in 1974 by creating Facility Planning Areas (FPA). The Glenbard FPA, Region IV-B, originally contained 14,000 acres or 22 square miles and has been amended several times by Glen Ellyn and Lombard and now appears to contain approximately 14,157 acres or 22 ¼ square miles. Recommendations for FPA amendments are made to the Villages by the EOC and are usually done to add small adjacent areas. On occasion small adjacent areas are lost to other FPA's. The Glenbard FPA contains a current population equivalent (P.E.) of 103,427 which is an increase of 105 (P.E.) over last year. The FPA is projected to contain a P.E. of 109,125 when fully developed. Figure 1 shows the FPA map with the individual components of the Authority.

FACILITIES -- The Glenbard Wastewater Authority was created in 1977 by an intergovernmental agreement between the Village of Lombard and the Village of Glen Ellyn for the purpose of jointly constructing and operating advanced

wastewater treatment facilities. The new facilities opened in 1982 and operate 24 hours per day 365 days per year.

The major components of the Authority, as depicted in Figure 1, are the 16.02 MGD (Million Gallons per Day) Glenbard Advanced Wastewater Treatment Facilities, the 58.0 million gallons per day Lombard Combined Sewage Treatment Facility (LCSTF), the North Regional Interceptor (NRI), the South Regional Interceptor (SRI), the St. Charles Road Lift Station, the Valley View Lift Station, the SRI Lift Station and the Sunnyside Lift Station.

The Glenbard Advanced Wastewater Treatment Facility is a State of the Art Facility designed to provide Wastewater Treatment to 16.02 MGD of domestic wastewater utilizing activated sludge with Pure Oxygen. The plant utilizes a Supervisory Control and Data Acquisition (SCADA) system which enables the plant to run unmanned during off hours.

The Lombard Combined Sewage Treatment Facility is an excess flow treatment plant that accepts combined sanitary and storm sewer discharges from the Village of Lombard. This facility operates only under high rain conditions and is funded solely by Lombard.

In addition to receiving flow from Glen Ellyn and Lombard the Authority also treats flow from the Illinois-American Water Company, a private utility company in the Valley View/Butterfield area, and DuPage County, in the Glen Ellyn Heights area.

COST -- The grant eligible planning, design and construction costs of the new facilities totaled \$42.6 million dollars in 1982. The individual components and costs are the Glenbard Advanced Treatment Facility at \$27.2 million dollars, the Lombard Combined Sewage Treatment Facility (LCSTF) at \$5.6 million dollars, the North Regional Interceptor (NRI) at \$7.2 million dollars, and the South Regional Interceptor (SRI) at \$2.6 million dollars. The design grant was applied for in 1974, and the construction grant was awarded in 1977. The United States Environmental Protection Agency (USEPA) contributed \$32.0 million dollars toward construction. Lombard and Glen Ellyn contributed \$10.6 million. Glen Ellyn, as lead agency, was the recipient of the USEPA funds and administered the federal grant application, processing, and close out. The USEPA grant was closed-out in January of 1990.

REGULATION -- The Glenbard Wastewater Treatment Plant treats approximately 3.5 - 5.5 billion gallons of wastewater (depending on the amount of rain) annually which is discharged to the East Branch of the DuPage River. The Illinois Environmental Protection Agency (IEPA), through a National Pollutant Discharge Elimination System (NPDES) permit, regulates the discharge parameters.

## **AUTHORITY ORGANIZATION**

**AUTHORITY BOARD** - The Board of Trustees from the Villages of Lombard and Glen Ellyn govern the Authority. The primary tasks of the Authority Board are to approve an annual budget and audit. Other major responsibilities are to amend the 1977 Intergovernmental Agreement, approve all borrowing, and pass other resolutions as needed. The Board generally meets once a year with an exception during FY2011.

**EXECUTIVE OVERSIGHT COMMITTEE** - The Executive Oversight Committee (EOC) was formed in 1984. The EOC is currently composed of the Village Presidents of Glen Ellyn and Lombard, a Trustee from each Village who is appointed by the respective Village President, the Village Managers from Lombard and Glen Ellyn, and the Public Works Director from each village. The EOC meets once a month and has the primary responsibilities to set the strategic vision, review and approve contracts and expenditures, recommend FPA amendments, review the audit, and recommend an annual budget.

**OPERATING "LEAD" AGENCY** - The Village of Glen Ellyn is the operating or "lead" agency for the Authority and provides overall supervision, accounting, personnel, and other management services on a contractual basis for the Authority.

**PERSONNEL** - The day-to-day operation of the facilities is overseen by the Wastewater Manager who is appointed and approved by the Executive Oversight Committee. A preliminary budget allotment of 15.8 highly qualified individuals who are employed with the Authority. Fourteen employees work full-time while another 8 work part-time. Eleven employees are certified by the Illinois Environmental Protection Agency in wastewater treatment operations, and 6 of those 10 employees hold Class I certificates, the highest certification possible within the State of Illinois.

## **BUDGET ORGANIZATION**

The Authority has adopted a May 1<sup>st</sup> to April 30<sup>th</sup> fiscal year to be consistent with the lead agency, the Village of Glen Ellyn. Most of the revenues for Authority operations are derived through monthly payments from the two Villages. Additional revenue is realized from connection fees collected on new structures built in the service area and interest income. There were two major funds: Operations and Maintenance (Fund 270) and the Capital Fund (Fund 40). As of FY2011 there will be a total of eight (8) Operation and Maintenance divisions and eight (8) Capital funds. The following are the division allocation numbers and the identification of the Operation and Maintenance divisions;

Div. 270 - Glenbard Plant  
Div. 271 - Stormwater Plant  
Div. 272 – North Regional Interceptor  
Div. 273 - South Regional Interceptor  
Div. 274 – St. Charles Lift Station  
Div. 275 – Valley View Lift Station  
Div. 276 – SRI Lift Station  
Div. 277 – Sunnyside Lift Station

The following are the fund allocation numbers and the identification of the Capital fund;

Fund 40 - Glenbard Plant  
Fund 41 - Stormwater Plant  
Fund 42 – North Regional Interceptor  
Fund 43 - South Regional Interceptor  
Fund 44 – St. Charles Lift Station  
Fund 45 – Valley View Lift Station  
Fund 46 – SRI Lift Station  
Fund 47 – Sunnyside Lift Station

#### **OPERATIONS AND MAINTENANCE (O&M) FUND**

This fund records those transactions that are related to the daily operation and maintenance of the Authority. Operations are defined as the control of the treatment processes and equipment that make up the treatment works. This includes personnel management, equipment operation and monitoring, record keeping, laboratory, process control, solids handling, safety and emergency operation planning.

Maintenance is defined as the preservation of functional integrity of equipment and structures. This includes preventive, predictive, and corrective maintenance. The Operations and Maintenance Budget is divided into eight divisions with budgeted expenses as follows:

	<b>Actual</b> FY 2010	<b>Estimated</b> FY 2011	<b>Proposed</b> FY 2012
Div 270 - Glenbard Plant	\$3,692,561	\$3,684,200	\$3,757,400
Div 271 - Stormwater Plant	187,120	210,700	233,200
Div 272 - N. Reg. Int.	36,274	19,000	21,400
Div 273 - S. Reg. Int.	19,332	22,550	22,100
Div 274 - St. Charles L.S		74,500	81,650
Div 275 - Valley View L.S		23,400	25,900
Div 276 - SRI L.S		4,200	4,750
Div 277 - Sunnyside L.S		1,900	3,300
	<u>\$3,935,287</u>	<u>\$4,040,450</u>	<u>\$4,149,700</u>

**Cash Reserves / Working Cash**

FY2010/11

Cash reserves at April 30, 2010	931,639
FY10 Working Cash Supplement by Villages	168,459
FY11 Projected Surplus/(Deficit)	<u>(104,902)</u>
Projected Cash Reserves at April 30, 2011	<u>995,196</u>
Less: Estimated Encumbrances at April 30, 2011	<u>(80,000)</u>
Projected Working Cash at April 30, 2011	<u>915,196</u>
Less: FY11 Required Minimum Working Cash	<u>(1,010,113) *</u>
<b>Projected Working Cash Surplus/(Deficit) at April 30, 2011</b>	<b><u>(94,917)</u></b>

\*25% of FY11 Operating Expenses \$4,040,050

**Cash Reserves / Working Cash**

FY2011/12

Cash reserves at April 30, 2011	995,196
FY11 Working Cash Supplement by Villages	94,917
FY12 Projected Surplus/(Deficit)	<u>-----</u>
Projected Cash Reserves at April 30, 2012	<u>1,090,113</u>
Less: Estimated Encumbrances at April 30, 2012	<u>(80,000)</u>

Projected Working Cash at April 30, 2012	<u>1,010,113</u>
Less: FY11 Required Minimum Working Cash	<u>(1,037,425) **</u>
<b>Projected Working Cash Surplus/(Deficit) at April 30, 2011</b>	<b><u>(27,312)</u></b>

\*\*25% of FY12 Operating Expenses \$4,149,700

The six most significant cost centers in the proposed FY 2012 O&M budget are as follows:

1. **Personnel:** The FY 2012 proposed GWA team level is at 15.8 full time equivalents (FTE). Personnel costs for the past fourteen years showing the number of full time equivalent staff are shown below. The figures are indicative of the efficiencies realized through the elimination of multiple shifts, automation and monitoring, and other optimization measures:

	<u>Budget</u>	<u>Actual</u>	<u>FTE</u>
FY95	\$1,517,300	\$1,468,000	32.5
FY96	\$1,568,000	\$1,477,458	31.5
FY97	\$1,587,600	\$1,493,096	31.5
FY98	\$1,433,080	\$1,212,197	27.5
FY99	\$1,286,970	\$ 981,950	25.0
FY00	\$1,074,863	\$ 837,826	20.0
FY01	\$ 897,041	\$ 720,472	18.3
FY02	\$ 882,500	\$ 806,680	17.9
FY03	\$ 936,000	\$ 919,780	17.0
FY04	\$ 979,600	\$ 974,996	16.8
FY05	\$1,065,500	\$1,120,334	15.9
FY06	\$1,163,100	\$1,127,850	15.9
FY07	\$1,219,100	\$1,140,272	15.9
FY08	\$1,254,550	\$1,112,348	14.9
FY09	\$1,197,300	\$1,102,174	14.3
FY10	\$1,235,100	\$1,188,486	15.8
FY11	\$1,328,200	\$1,308,850	15.8
FY12	\$1,371,700		15.8 (Estimated)

2. **Utilities:** Electric power, natural gas, water, and telecommunications comprise Utilities, the second largest cost center in the O&M budget. The sum of these utility costs is shown below. The largest component of the utility bill is electrical power used for oxygen generation, pumping systems, mixing and various in-plant processes. The energy costs elevated significantly between FY 2007 and FY 2008 due to the deregulation of electrical energy.

FY00	\$578,844
FY01	\$654,662
FY02	\$570,103
FY03	\$582,232
FY04	\$617,574
FY05	\$606,375
FY06	\$588,400
FY07	\$693,128
FY08	\$1,194,869
FY09	\$769,137
FY10	\$873,093
FY11	\$890,000 (Estimated)
FY12	\$800,000 (Budgeted)

3. **Support Services** are separated and budgeted as Operations, Maintenance and Electrical. The FY 2011 support budget was \$274,000 and the FY 2012 budget is proposed at a cumulative amount of \$274,300. This includes the cost of specialized support services that are more effectively and/or efficiently purchased or contracted than completed internally. Support Services range from \$300 per year for elevator inspections to \$109,000 per year for flow metering, data analysis, and meter maintenance fees across all divisions.
  
4. **Maintenance** expenses are budgeted in the amount of \$289,150. This includes both electrical and mechanical maintenance of plant equipment and the maintenance of buildings and grounds. It is imperative that the capital investment that the Villages have made in their wastewater facility be maintained appropriately. These funds, coupled with those in Fund 40 allocated to Plant Equipment Rehabilitation, provide an excellent plan to maintain the Glenbard Plant process equipment. Maintenance funds cover both routine and non-routine repairs.
  
5. **Sludge (Biosolids) Disposal-Land Applied** is budgeted in the amount of \$228,000. There are two products that are created during treatment through a wastewater facility. The first of the products is the clean water discharged to the river. The processes utilized to degrade the organic compounds in the wastewater generate sludge that is further treated then land applied as a beneficial re-use. The industry term "Biosolids" was coined for the product. GWA's biosolids are applied to the farm fields at an agronomic rate acting as a fertilizer that is used to improve the growth of feed corn and other crops. The GWA sludge is particularly amenable to farm field application because the metal content of the sludge is extremely low. This is primarily due too the plant only having one significant industrial discharger.

6. **Chemical Costs** are budgeted in the amount of \$120,000 for both the Glenbard Plant and the Lombard Combined Sewage Treatment Facility. Different types of chemicals are used for sludge dewatering, odor control, Cryo water treatment, dechlorination, pH adjustment and other needs.

**CAPITAL FUND**

This fund records those transactions that are related to the capital expenditures of the Authority. Capital can be spent on replacing “like for like” equipment at its useful life or for upgrading old processes to new technology.

The revenue for the capital plan is funded via the following components: sinking fund, interest earned in the Capital and O&M funds, sanitary sewer/GWA connection fees paid to both Villages, and borrowing.

Of the Eight (8) Capital budget funds five (5) of them have proposed projects, and three (3) have historical value.

	<b>Actual</b> FY 2010	<b>Estimated</b> FY 2011	<b>Proposed</b> FY 2012
Div. 40 - Glenbard Plant			
Debt Payment	\$ 453,000	\$ 900,000	\$ 900,000
Project Expenses	\$4,074,000	\$ 985,000	\$1,083,000
IFT	<u>0</u>	<u>\$3,663,000</u>	<u>0</u>
Total	<u>\$4,527,000</u>	<u>\$5,548,000</u>	<u>\$1,983,000</u>
Div. 41 - Stormwater Plant			
Debt Payment		\$ 74,000	\$ 74,000
Project Expenses		<u>\$ 214,000</u>	<u>\$1,092,000</u>
Total		<u>\$ 288,000</u>	<u>\$1,166,000</u>
Div. 44 – St. Charles Lift Station			
Project Expenses		<u>\$2,400,000</u>	<u>\$ 120,000</u>
		\$2,400,000	\$ 120,000
Div. 45 – Valley View Lift Station			<u>\$ 15,000</u>
			\$ 15,000
Div. 46 – SRI Lift Station			<u>\$ 30,000</u>
			\$ 30,000

Proposed FY 2012 capital expenses of \$3,313,200 are 28% or \$1,259,800 lower than the FY 2011 estimated budget. The decrease reflects the closeout of the Anaerobic Digester Project and the St. Charles Lift Station Improvement Project.

## ALLOCATION OF EXPENSES

The Villages of Lombard and Glen Ellyn split the expenses for system operation and maintenance according to wastewater flows contributed to each of the divisions as depicted in Table 1 and Table 2 found in the appendix.

A total of 16 remote meters are located at key points in the Authority's system to enable the Authority to monitor flows which are allocated for billing purposes between the Villages of Glen Ellyn and Lombard.

A two-year average flow split of 47.587 % (Glen Ellyn) and 52.413 % (Lombard) was used to estimate the FY 2012 expense allocation for the Glenbard Plant. A two-year average flow split of 34.397 % (Glen Ellyn) and 65.603 % (Lombard) was used to estimate the FY 2012 expense allocation for the North Regional Interceptor.

Lombard bears 100% of the costs associated with the Lombard Stormwater Facility, and the Hill Avenue Lift Station located onsite. Glen Ellyn pays 100% of the costs associated with the St. Charles Road Lift Station, South Regional Lift Station, South Regional Interceptor, Valley View Lift Station, and the Sunnyside Lift Station. Glen Ellyn recuperates some of the operating costs for the St. Charles Road Lift Station through billing to DuPage County and recuperates some of the operating costs for the Valley View Lift Station, the SRI Interceptor, and SRI Lift Station through billing to Illinois-American Water Company. The total allocation estimates are as follows.

	<b>Approved FY 2011</b>	<b>Estimated FY2011</b>	<b>Proposed FY 2012</b>
Village of Lombard	\$3,159,471	\$3,176,365	\$3,317,327
Village of Glen Ellyn	\$2,872,353	\$2,960,337	\$2,971,373
Total	\$6,031,824	\$6,136,702	\$6,288,700

The overall contribution by the two Villages has increased by \$256,900 or 4.26% more than the FY11 budget. The allocation to the Villages that support the O&M portion of the budget is \$4,088,700. The allocation to the Villages for support of the proposed Capital Fund is \$2,200,000 an amount that matches the approved FY 2011 budget.

**CONCLUSION**

The total proposed FY 2012 budget and comparisons are as follows:

	<b>Actual FY 2010</b>	<b>Approved FY 2011</b>	<b>Estimated FY 2011</b>	<b>Proposed FY 2012</b>
O&M	\$3,935,287	\$3,938,600	\$4,040,450	\$4,149,700
Capital	\$4,525,639	\$5,536,000	\$4,573,000	\$3,313,200
<b>Total</b>	<b>\$8,460,926</b>	<b>\$9,474,600</b>	<b>\$8,613,450</b>	<b>\$7,462,900</b>

**ACKNOWLEDGMENTS**

I would like to express my gratitude to the Executive Oversight Committee and the Villages of Glen Ellyn and Lombard for their continued support and stewardship in the rebuilding and updating of our aging infrastructure.

Respectfully Submitted,



Erik Lanphier  
Wastewater Manager  
Glenbard Wastewater Authority

**Glenbard Wastewater Authority  
Budget 2011-2012  
All Funds  
Expense Allocation to Partners**

<b>APPROVED FY2011 EXPENSES ALLOCATED TO PARTNERS</b>				
	LOMBARD	GLEN ELLYN	TOTAL	
Div. 270 -- Glenbard Plant	1,779,165	1,654,059	3,433,200	
Div. 271 -- Storm Plant	245,400	0	245,400	
Div. 272 -- North Reg. Int.	13,449	7,551	21,000	
Div. 273 -- South Reg. Int.	0	27,300	27,300	
Div. 274 -- Saint Charles Road L.S.	0	62,500	62,500	
Div. 275 -- Valley View L.S.	0	21,300	21,300	
Div. 276 -- SRI L.S.	0	15,800	15,800	
Div. 277 -- Sunnyside L.S.	0	5,300	5,300	
Sinking Fund Capital	1,121,457	1,078,543	2,200,000	
<b>TOTAL</b>	<b>3,159,471</b>	<b>2,872,353</b>	<b>6,031,800</b>	
<b>ESTIMATED ACTUAL FY2011 EXPENSES ALLOCATED TO PARTNERS</b>				
	LOMBARD	GLEN ELLYN	TOTAL	
Div. 270 -- Glenbard Plant	1,832,048	1,748,404	3,580,452	
Div. 271 -- Storm Plant	210,700	0	210,700	
Div. 272 -- North Reg. Int.	12,159	6,841	19,000	
Div. 273 -- South Reg. Int.	0	22,550	22,550	
Div. 274 -- Saint Charles Road L.S.	0	74,500	74,500	
Div. 275 -- Valley View L.S.	0	23,400	23,400	
Div. 276 -- SRI L.S.	0	4,200	4,200	
Div. 277 -- Sunnyside L.S.	0	1,900	1,900	
Sinking Fund Capital	1,121,457	1,078,543	2,200,000	
<b>TOTAL</b>	<b>3,176,365</b>	<b>2,960,337</b>	<b>6,136,702</b>	
<b>FY2011 BUDGET OVER (UNDER)</b>	<b>16,893</b>	<b>87,985</b>	<b>104,902</b>	
<b>PROPOSED FY2012 PARTNERS ALLOCATION</b>				
	LOMBARD	GLEN ELLYN	TOTAL	
Div. 270 -- Glenbard Plant	1,937,394	1,759,006	3,696,400	
Div. 271 -- Storm Plant	233,200	0	233,200	
Div. 272 -- North Reg. Int.	14,039	7,361	21,400	
Div. 273 -- South Reg. Int.	0	22,100	22,100	
Div. 274 -- Saint Charles Road L.S.	0	81,650	81,650	
Div. 275 -- Valley View L.S.	0	25,900	25,900	
Div. 276 -- SRI L.S.	0	4,750	4,750	
Div. 277 -- Sunnyside L.S.	0	3,300	3,300	
Sinking Fund Capital	1,132,694	1,067,306	2,200,000	
<b>TOTAL</b>	<b>3,317,327</b>	<b>2,971,373</b>	<b>6,288,700</b>	
<b>Proposed FY 2012 Partners Allocation Compared to Approved Expenses Allocated to Partners FY2011:</b>	<b>\$</b>	<b>157,856</b>	<b>99,020</b>	<b>256,900</b>
	<b>%</b>	<b>5.00%</b>	<b>3.45%</b>	<b>4.26%</b>

Glenbard Wastewater Authority  
 Budget 2011-2012  
 Operations & Maintenance

SUMMARY BY DIVISION

Expense Allocation to Partners REVENUES	Actual FY2009	Actual FY2010	Approved FY2011	Estimated FY2011	Planning FY2012
Div. 270 -- Glenbard Plant	3,610,500	3,164,500	3,433,224	3,433,224	3,696,400
Interest O&M Fund	21,225	4,414	5,000	2,000	2,000
IRMA Reimbursement	0	27,622	0	0	0
Miscellaneous Revenue	46,230	17	0	0	0
ComEd CLR Rebate		66,080	101,776	101,724	59,000
Div. 271 -- Lombard CSO	189,000	180,200	245,400	245,400	233,200
Div. 272 -- North Regional Int.	34,900	27,800	21,000	21,000	21,400
Div. 273 -- South Regional Int.	27,800	24,800	27,300	27,300	22,100
Div. 274 -- Saint Charles Road L.S.	0	0	62,500	62,500	81,650
Div. 275 -- Valley View L.S.	0	0	21,300	21,300	25,900
Div. 276 -- SRI L.S.	0	0	15,800	15,800	4,750
Div. 277 -- Sunnyside L.S.	0	0	5,300	5,300	3,300
<b>Total Revenues</b>	<b>3,929,655</b>	<b>3,495,433</b>	<b>3,938,600</b>	<b>3,935,548</b>	<b>4,149,700</b>
<b>EXPENSES</b>					
	<b>Actual FY2009</b>	<b>Actual FY2010</b>	<b>Approved FY2011</b>	<b>Estimated FY2011</b>	<b>Planning FY2012</b>
Div. 270 --Glenbard Plant	3,457,918	3,692,561	3,540,000	3,684,200	3,757,400
Div. 271 -- Lombard CSO	159,584	187,120	245,400	210,700	233,200
Div. 272 -- North Regional Int.	49,640	36,274	21,000	19,000	21,400
Div. 273 -- South Regional Int.	24,981	19,332	27,300	22,550	22,100
Div. 274 -- Saint Charles Road L.S.	0	0	62,500	74,500	81,650
Div. 275 -- Valley View L.S.	0	0	21,300	23,400	25,900
Div. 276 -- SRI L.S.	0	0	15,800	4,200	4,750
Div. 277 -- Sunnyside L.S.	0	0	5,300	1,900	3,300
<b>Total Expense</b>	<b>3,692,123</b>	<b>3,935,287</b>	<b>3,938,600</b>	<b>4,040,450</b>	<b>4,149,700</b>
<b>Income - Gain / (Loss)</b>	<b>237,532</b>	<b>(439,854)</b>	<b>0</b>	<b>(104,902)</b>	<b>0</b>
<b>Use of Available cash</b>	<b>0</b>	<b>400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

Glenbard Wastewater Authority  
 Budget 2011 - 2012  
 Total FY 2012 Budget

	FY 2009 Actual	FY 2010 Actual	FY 2011 Approved	FY 2011 Estimated	FY 2012 Planning
<b>Operations &amp; Maintenance</b> (All Divisions)	\$3,692,123	\$3,935,287	\$3,938,600	\$4,040,450	\$4,149,700
<b>Capital Costs</b> (Expenses & Debt Repayment All Divisions)	\$5,159,181	\$4,525,639	\$5,536,000	\$4,573,000	\$3,313,200
<b>TOTAL</b>	<b>\$8,851,304</b>	<b>\$8,460,926</b>	<b>\$9,474,600</b>	<b>\$8,613,450</b>	<b>\$7,462,900</b>

## **DIVISION 270 (GLENBARD PLANT) O&M NARRATIVE**

Division 270 is the main treatment facility. The facility treats, on average, 11 million gallons per day (MGD). The flow is conveyed via two interceptors:

- ~The North Regional Interceptor
- ~The South Regional Interceptor

These interceptors end at a junction chamber that is located on the eastern property line. Once they have reached the junction chamber, one line conveys the flow under the East Branch of the DuPage River and into the GWA Treatment Facility.

The 22<sup>nd</sup> Street sewer pipe also conveys flow to the junction chamber, but is not considered an interceptor since it is the property of the Village of Lombard.

Flow through the Glenbard Plant is billed to both the Village of Lombard and the Village of Glen Ellyn based on monthly flow billing. The historical splits between the Villages for the Glenbard Plant are 52.413% Lombard flow, and 47.587% Glen Ellyn flow.

Allocations for Health Insurance, Liability Insurance, and Overhead Fees are distributed across all divisions based on the percentages outlined in the Master List of Divisional Splits in the Appendix.

Budget 2011-2012  
 Operations & Maintenance  
 Division 270  
 Expense Allocation to Partners

REVENUE

		Actual Revenues FY 2009	Actual Revenues FY 2010	Approved FY 2011	Estimated FY 2011	Planning FY 2012
<b>Operation/Maintenance</b>						
450010	Glen Ellyn Share - 47.587%	1,759,031	1,514,091	1,654,059	1,654,059	1,759,006
450015	Lombard Share - 52.413%	1,851,469	1,650,409	1,779,165	1,779,165	1,937,394
	Partners Allocation	3,610,500	3,164,500	3,433,224	3,433,224	3,696,400
	<b>IRMA Reimbursement</b>	<b>0</b>	<b>27,622</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Interest Income - O&amp;M Fund</b>	<b>21,225</b>	<b>4,414</b>	<b>5,000</b>	<b>2,000</b>	<b>2,000</b>
	<b>ComEd CLR Program Rebate</b>		<b>66,080</b>	<b>101,776</b>	<b>101,724</b>	<b>59,000</b>
	<b>Miscellaneous Revenue</b>	<b>46,230</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>DIVISION 270</b>		<b>3,677,955</b>	<b>3,262,633</b>	<b>3,540,000</b>	<b>3,536,948</b>	<b>3,757,400</b>

NOTE: The flow splits used to calculate partner payments for FY 2012 are as follows:  
 Flow split for Glen Ellyn: 47.587%  
 Flow split for Lombard: 52.413%  
 (for 2 yrs. average ending 12/31/10, see Appendix page 70)

NOTE: The flow splits used to calculate the partner payments for FY 2011 are as follows:  
 Flow split for Glen Ellyn: 48.175%  
 Flow split for Lombard: 51.825%  
 (for 2 yrs. average ending 12/31/09)

**Budget 2011-2012**  
**Operations and Maintenance**  
**Division 270**  
**Expense Allocation to Partners**

Footnotes

**EXPENSES**

			Actual FY 2009	Actual FY 2010	Approved FY 2011	Estimated FY 2011	Planning FY 2012
<b>Personnel Services</b>							
510100	Salaries - Regular	1	797,198	881,220	914,500	930,000	950,000
510110	Salaries - Part-Time Ops.	2	40,671	45,433	45,000	44,000	50,000
510200	Salaries - Overtime	3	76,721	83,501	59,600	55,000	67,000
510300	Salaries - Temporary/Seasonal		14,104	20,863	21,500	18,000	25,000
510400	FICA		67,958	75,653	79,600	75,000	83,500
510500	IMRF	4	105,522	81,816	121,800	122,000	132,200
510600	State Unemployment Tax		0	0	11,700	2,000	0
	<b>Total</b>		<b>1,102,174</b>	<b>1,188,486</b>	<b>1,253,700</b>	<b>1,246,000</b>	<b>1,307,700</b>
<b>Contractual Services and Commodities</b>							
520305	Employee Recognition		155	416	0	0	1,000
520600	Dues/Subs./Fees		8,353	7,530	9,000	9,000	14,000
520615	Recruiting/Testing		3,115	0	0	0	0
520620	Employee Education		19,077	9,964	11,300	15,000	11,900
520625	Travel (Mileage)		922	0	500	1,000	500
520700	Pro. Serv.-Legal		1,880	1,821	5,000	8,000	10,000
520750	Legal Notices		127	3,047	500	1,000	1,000
520775	Regulatory Fees		52,500	52,500	52,500	52,500	52,500
520776	TMDL Commitment		25,758	25,758	21,000	21,000	21,000
520806	Pro. Serv.-Lab.		16,003	18,926	15,000	15,000	15,000
520816	Design Engineering	5	17,650	892	20,000	20,000	10,000
520825	Audit Fees / Pro. Serv.-Acct.	6	14,804	14,200	15,000	15,000	15,000
520835	Bank Charges		30	0	0	0	0
520885	Insurance - Liability	7	102,674	189,683	167,800	167,800	178,400
520895	Insurance - Health	8	125,602	147,614	203,500	203,500	207,200
520970	Maint. - Bldg. & Grds.		9,491	15,053	9,000	9,000	12,500
520971	Bldg. & Grounds - Support		19,674	26,097	65,700	65,700	63,200
520975	Maint. - Equipment		40,277	56,650	41,200	41,200	44,400
520976	Maint. - Support	9	64,118	64,881	87,300	87,300	86,700
520980	Maint. - Electronics		43,140	84,366	99,800	50,000	99,800
520981	Elect. - Support		125,378	131,000	56,500	56,500	57,900
520990	Operations - Supplies		9,065	9,045	10,000	10,000	10,000
520991	Operations - Support		34,012	62,423	64,500	64,500	64,800
521130	Overhead Fees	10	234,700	230,800	116,700	116,700	117,200
521150	Sludge Disposal - Land Applied		199,811	184,883	220,000	220,000	228,000
521195	Telecommunications		35,846	35,274	41,000	30,000	30,000
521201	Electric Power	11	769,137	873,093	650,000	890,000	800,000
521202	Natural Gas	12	166,314	111,544	120,000	105,000	120,000
521203	Water	13	49,605	34,922	40,000	40,000	42,000
521204	Self-Gen Gas		9,118	6,004	8,000	8,000	8,000
530100	Office Expenses		16,695	13,228	14,800	14,800	17,800
530106	Operating Supplies - Lab		16,904	14,706	15,000	15,000	15,000
530225	Safety		19,228	14,226	18,700	18,700	17,900
530440	Chemicals	14	97,786	57,656	80,000	60,000	70,000
530445	Uniforms		6,795	5,874	7,000	7,000	7,000
	<b>Total</b>		<b>2,355,744</b>	<b>2,504,076</b>	<b>2,286,300</b>	<b>2,438,200</b>	<b>2,449,700</b>
<b>TOTAL DIVISION 270</b>			<b>3,457,918</b>	<b>3,692,562</b>	<b>3,540,000</b>	<b>3,684,200</b>	<b>3,757,400</b>

**DIVISION 270 (GLENBARD PLANT)  
O&M FOOTNOTES**

- (1) **SALARIES: (\$950,000)** - Provides for a total of 14 full-time staff members. Staff's time is split among Eight activities including the Glenbard Plant, Lombard CSO Plant, South Regional Interceptor, North Regional Interceptor, St. Charles Rd Lift Station, Valley View Lift Station, SRI Lift Station, and the Sunnyside Lift Station with the allocations for FY12 as follows:

270-Glenbard Plant	\$950,000
271-Lombard CSO	19,800
272-North Regional Interceptor	5,000
273-South Regional Interceptor	2,000
274-St. Charles Rd L.S	9,900
275-Valley View L.S	3,500
276-SRI L.S	1,000
277-Sunnyside L.S	<u>1,000</u>
 Total All Divisions	 \$991,500

The full-time equivalent for all staff is approximately 15.8 including part-time operators and seasonal staff, a figure that continues to be below the 16 to 18 range sought when reorganization began 9 years ago.

- (2) **SALARIES - PART-TIME OPERATORS: (\$50,000)** - The Glenbard Plant operates 24 hours per day, 7 days per week. The SCADA System monitors the plant while it is not manned. Work *is* required on weekends and holidays to assure continued treatment and processing to meet stream discharge standards. Most of this work involves solids processing that must be done 7 days per week. For approximately 12 years we have used Part-Time Operators to provide solids processing on weekends and holidays. The use of (5) part-time operations staff has allowed the full-time operations staff to work a regular work week without needing to work swing shifts or weekend work unless a situation arises. This has worked out well, and has resulted in not only better working arrangements for the full-time operations staff, but also utilizes an expanded pool of operators who can be called upon to help with the plant operations. This item is based on the equivalent of a full time 40 hour per week employee or 2,080 hours per year.

- (3) **SALARIES – OVERTIME: (\$67,000)** – This represents an increase from FY11 but also shows that we are still \$16,000 less than FY10. Our goal was to find a comfortable overtime figure that was less than the FY10 number. We will continue to trend overtime and manage this expense with best management practices in mind.

- (4) **IMRF: (\$132,200)** – This represents an 8.5% increase over the FY11 budgeted number.
- (5) **DESIGN ENGINEERING: (\$10,000)** - This item covers the cost to hire a consulting engineer for small specific tasks required to implement equipment changes, operational changes or general consultation. The current organization does not include personnel that can provide these specialized services.
- (6) **AUDIT FEES: (\$15,000)** – For the fourth year straight year the audit will be \$5,000 higher than normal to accommodate for the single audit that is required for the IEPA Digester Project loan. This is anticipated to be the last year for the single audit.
- (7) **INSURANCE LIABILITY: (\$178,400)** - This item represents the annual premium cost of our coverage with Municipal Insurance Cooperative Agency (MICA), a pooled insurance program, which provides a protected self-insured plan. Included in this expense line is the annual premium payment to MICA for FY12 and an excess liability policy. This Line item is a 6% increase over the FY11 budget number. Liability insurance consists of 2/3's Workman Comp costs and 1/3 Property insurance costs.
- (8) **INSURANCE – HEALTH: (\$207,200)** - Health care is provided through the Village of Glen Ellyn plan.
- (9) **MAINTENANCE – Support: (\$86,700)** - This line item reflects work previously budgeted in the Maintenance-Equipment line item. The most significant expenses included in this item in FY12 are the Cryo maintenance costs (\$20,000), the engine service agreement on the Co-Gen (\$7,500), and vehicle maintenance costs (\$40,500) provided by the Village of Glen Ellyn's Equipment Services Division. Every five years an in-depth maintenance procedure is done on the cryogenic system and the costs expensed to the Capital budget. A five-year turnaround was completed in FY05. Proposed Oxygen facility upgrade costs continue in the O & M budget for FY12.
- (10) **OVERHEAD FEES: (\$117,200)** – Overhead fees have been held to the FY11 agreed upon number.
- (11) **ELECTRIC POWER: (\$800,000)** - With deregulation GWA entered into an agreement with Sempra Energy Solutions for power at a demand weighted average of just under \$.046/KWH. FY10 turned out to be an increased year from FY09 due to significant rain events. FY11 is turning out to be a comparable figure to FY10. We are budgeting this year as an approximate average of the budgeted and estimated spending for

electrical power. This is the last year of a three year contract with Sempra Energy Solutions, who is now Noble Americas.

- (12) **NATURAL GAS: (\$120,000)** - GWA utilizes a broker to purchase gas on the open market. GWA has placed the second larger capacity boiler in service during the completion of the Anaerobic Digester Improvement project. These will be operating off of Methane Gas produced by the digesters. This is a new process control strategy for GWA, which means putting our confidence in the equipment and the operating procedure that we will be able to save a significant amount of money if this process operates as designed.
  
- (13) **WATER: (\$42,000)** - Potable water used at GWA is purchased from the Village of Glen Ellyn. FY12 proposed expenses as shown, are for water charges only, assessed at the "Residential" average rate of (\$6.34/1000 gal).
  
- (14) **CHEMICALS: (\$70,000)** - Chemicals used in the daily operation of the plant are included in this section at expected levels consistent with our recent history. Different chemicals are used for sludge dewatering, odor control, acid wash, and mineral deposition throughout the plant.

## **DIVISION 271 (LOMBARD CSO PLANT) O&M NARRATIVE**

Division 271 is the Lombard Combined Sewer Treatment Facility (LCSTF). This facility is 100% Lombard flow and is only utilized for operation during excess flow events. The LCSTF is capable of processing 57 MDG of combined sewer flow.

**Budget 2011-2012**  
**Operations & Maintenance**  
**Division 271**  
**Stormwater Plant & 22nd St. Interceptor**

**REVENUE**

		Actual FY 2009	Actual FY 2010	Approved FY 2011	Estimated FY 2011	Planning FY 2012
<b>Operation/Maintenance</b>						
450015	Lombard Share	189,000	187,120	245,400	245,400	233,200
<b>DIVISION 271</b>		<b>189,000</b>	<b>187,120</b>	<b>245,400</b>	<b>245,400</b>	<b>233,200</b>

Budget 2011-2012  
 Operations & Maintenance  
 Division 271  
 Lombard Stormwater Plant

Footnotes

EXPENSES

			Actual FY 2009	Actual FY 2010	Approved FY 2011	Estimated FY 2011	Planning FY 2012
<b>Personnel Services</b>							
510100	Salary-Regular	1	18,432	25,904	19,300	19,000	19,800
510200	Overtime	2	11,241	7,333	7,000	4,000	7,000
510400	FICA		2,174	2,440	2,000	2,000	2,000
510500	IMRF		1,980	2,773	3,300	3,000	3,500
	<b>Total</b>		<b>33,827</b>	<b>38,450</b>	<b>31,600</b>	<b>28,000</b>	<b>32,300</b>
<b>Operations &amp; Maintenance</b>							
520775	Regulatory Fees		20,000	20,000	23,000	20,000	23,000
520776	TMDL Commitment (Lombard)		0	0	3,100	3,000	3,100
520816	Design Engineering		0	0	0	0	0
520885	Insurance - Liability	3	0	0	9,400	9,400	11,600
520895	Insurance - Health		2,646	3,088	4,100	4,100	5,100
520970	Maint.-Bldgs.& Grnds.		5,516	10,476	11,600	10,000	12,000
520975	Maint.-Equipment		746	2,716	2,100	3,000	1,600
520980	Maint.-Electronics	4	2,395	5,189	45,100	48,000	48,100
521130	Overhead Fees		4,900	4,900	2,500	2,500	2,900
521195	Telecommunications		2,866	3,209	2,900	3,200	3,500
521201	Electric Power		36,273	40,525	35,000	30,000	30,000
521202	Natural Gas		5,588	4,660	4,000	3,000	3,000
521203	Water		2,028	3,005	4,000	4,500	5,000
530105	Operations		268	1,269	2,000	2,000	2,000
	<b>Total</b>		<b>83,226</b>	<b>99,037</b>	<b>148,800</b>	<b>142,700</b>	<b>150,900</b>
<b>Commodities</b>							
530440	Chemicals		62,799	49,633	65,000	40,000	50,000
	<b>Total</b>		<b>62,799</b>	<b>49,633</b>	<b>65,000</b>	<b>40,000</b>	<b>50,000</b>
<b>Total Division 271</b>			<b>179,852</b>	<b>187,120</b>	<b>245,400</b>	<b>210,700</b>	<b>233,200</b>

**DIVISION 271 (LOMBARD CSO PLANT)  
O&M FOOTNOTES**

- (1) **SALARIES: (\$19,800)** – The salaries for the separate divisions were based on actual expenses derived from FY11 tracking information.
- (2) **SALARIES – OVERTIME: (\$7,000)** – The overtime budget for the new divisions were calculated the same way as the salaries. The percentages will vary due to the nature of unanticipated events that cause overtime.
- (3) **INSURANCE LIABILITY: (\$11,600)** – For percentage splits please refer to the Master Sheet in the appendix.
- (4) **MAINTENANCE ELECTRONICS: (\$48,100)** – The increase in this line item is due to the accountability of the RG2 (Lombard Rain Gauge) that was not allocated in FY11. This Meter represents 1 of 2 Rain Gauges utilized to report to the IEPA. The other is accountable within the Division 275 (Valley View L.S) account.

## **DIVISION 272 (NRI) O&M NARRATIVE**

Division 272 is the North Regional Interceptor (NRI) which begins at the St. Charles Lift Station located next to Ackerman Park in Glen Ellyn. An 18" diameter force main exits the lift station and runs east down St. Charles Road to the I-355 Tollway, where the line turns south and becomes a gravity sewer. From there, the NRI runs south 4.5 miles to the Glenbard Plant. The diameter of the NRI changes from 18" to 66" as trunk lines from both Villages enter and add more flow. Glen Ellyn has five connections to the NRI and Lombard has four. Three of the Lombard connections are from combined sewers. The three combined lines have "regulators" before they enter the NRI. The purpose of these regulators is to limit the amount of storm water that is treated at the Glenbard Plant. This is done by diverting any flow above 2.5 times the dry weather flow to the Lombard Storm Water Facility. These regulators were converted to Vortex Regulators as part of the Lombard Plant upgrade in 2002.

**Budget 2011-2012**  
**Operations & Maintenance**  
**Division 272**  
**North Regional Interceptor**

**REVENUE**

		<b>Actual FY 2009</b>	<b>Actual FY 2010</b>	<b>Approved FY 2011</b>	<b>Estimated FY 2011</b>	<b>Planning FY 2012</b>
<b>Operation/Maintenance</b>						
450015	Glen Ellyn Share - 34.397%	13,280	13,768	8,055	8,055	7,361
450010	Lombard Share - 65.603%	21,620	22,507	12,945	12,945	14,039
	<b>Total</b>	<b>34,900</b>	<b>36,275</b>	<b>21,000</b>	<b>21,000</b>	<b>21,400</b>
<b>DIVISION 272</b>		<b>34,900</b>	<b>36,275</b>	<b>21,000</b>	<b>21,000</b>	<b>21,400</b>

NOTE: The NRI moves about 65% of the total flow to the Glenbard Plant.

Budget 2011-2012  
 Operations & Maintenance  
 Division 272  
 North Regional Interceptor (NRI)

Footnotes

EXPENSES

			Actual FY 2010	Approved FY 2011	Estimated FY 2011	Planning FY 2012
<b>Personnel Services</b>						
510100	Salary-Regular	1	12,222	4,800	4,200	5,000
510200	Overtime	2	1,596	1,200	500	1,200
510400	FICA		1,012	500	400	500
510500	IMRF		1,140	800	600	800
	<b>Total</b>		<b>15,970</b>	<b>7,300</b>	<b>5,700</b>	<b>7,500</b>
<b>Operations &amp; Maintenance</b>						
520885	Insurance - Liability	3	0	5,700	5,700	5,500
520895	Insurance - Health		794	1,000	1,000	1,200
520970	Maint.-Bldgs. & Grnds.		917	0	0	0
520980	Maint.-Electronics	4	226	6,400	6,000	6,500
521130	Overhead Fees		1,200	600	600	700
521195	Telecommunications		1,349	0	0	0
521201	Electric Power		15,819	0	0	0
	<b>Total</b>		<b>20,305</b>	<b>13,700</b>	<b>13,300</b>	<b>13,900</b>
<b>Total Div. 272</b>	<b>Total</b>		<b>36,275</b>	<b>21,000</b>	<b>19,000</b>	<b>21,400</b>

**DIVISION 272 (NRI)  
O&M FOOTNOTES**

- (1) **SALARIES: (\$5,000)** – The salaries for the new divisions were based on actual expenses derived from FY11 tracking information.
- (2) **SALARIES – OVERTIME: (\$1,200)** – The overtime budget for the new divisions were calculated the same way as the salaries. The percentages will vary due to the nature of unanticipated events that cause overtime.
- (3) **INSURANCE LIABILITY: (\$5,500)** – For percentage splits please refer to the Master Sheet in the appendix.
- (4) **MAINTENANCE ELECTRONICS: (\$6,500)** –The main cost center for this account is the Flow Meter which represents the total flow being conveyed through the NRI.

## **DIVISION 273 (SRI) O&M NARRATIVE**

Division 273 is the South Regional Interceptor (SRI). The SRI begins at the discharge of the force main of the Valley View Lift Station which conveys flow approximately 1.0 mile before it becomes a gravity sewer which flows into the SRI Pump Station. The SRI Pump Station pumps the wastewater a short distance to a junction chamber for the NRI, SRI and 22<sup>nd</sup> Street flow. The junction chamber combines the three interceptor pipes and conveys the flow through a 60 main line to the Glenbard Facility. Through the 1.5 miles the pipe diameter changes from 18" to 30" as three additional sewers enter the SRI.

The wastewater in the SRI is exclusively from collection systems operated and maintained by Illinois-American, a private utility company regulated by the Illinois Commerce Commission. Glenbard provides wastewater treatment for Illinois-American, who contracts for this service through Glen Ellyn. The Glen Ellyn portion of the Glenbard bills includes treatments costs for Illinois-American Flow.

**Budget 2011-2012**  
**Operations & Maintenance**  
**Division 273**  
**South Regional Interceptor**

**REVENUE**

		<b>Actual FY 2009</b>	<b>Actual FY2010</b>	<b>Approved FY 2011</b>	<b>Estimated FY 2011</b>	<b>Planning FY 2012</b>
<b>Operation/Maintenance</b>						
450010	Glen Ellyn Share	27,800	24,800	27,300	27,300	22,100
<b>DIVISION 273</b>		<b>27,800</b>	<b>24,800</b>	<b>27,300</b>	<b>27,300</b>	<b>22,100</b>

NOTE: The SRI moves about 7% of the total Glenbard flow.

Budget 2011-2012  
 Operations & Maintenance  
 Division 273  
 South Regional Interceptor (SRI)

Footnotes

EXPENSES

			Actual FY 2009	Actual FY 2010	Approved FY 2011	Estimated FY 2011	Planning FY 2012
<b>Personnel Services</b>							
510100	Salary-Regular	1	4,195	2,610	4,800	1,400	2,000
510200	Overtime	2	1,162	570	1,000	300	500
510400	FICA		392	231	400	200	300
510500	IMRF		340	265	700	250	400
	<b>Total</b>		<b>6,089</b>	<b>3,676</b>	<b>6,900</b>	<b>2,150</b>	<b>3,200</b>
<b>Operations &amp; Maintenance</b>							
520776	TMDL Commitment		0	0	2,100	2,100	2,100
520885	Insurance - Liability	3	0	0	3,200	3,200	2,500
520895	Insurance - Health		612	794	1,000	1,000	500
520970	Maint.-Bldgs.&Grnds.		178	1,005	0	0	0
520975	Maint.-Equipment		1,273	2,777	0	0	0
520980	Maint.-Electronics	4	2,883	0	13,500	13,500	13,500
521130	Overhead Fees		1,200	1,200	600	600	300
521195	Telecommunications		2,172	1,896	0	0	0
521125	Leased Equipment		0	0	0	0	0
521201	Electric Power		10,574	7,984	0	0	0
	<b>Total</b>		<b>18,892</b>	<b>15,656</b>	<b>20,400</b>	<b>20,400</b>	<b>18,900</b>
<b>Total Division 273</b>			<b>24,981</b>	<b>19,332</b>	<b>27,300</b>	<b>22,550</b>	<b>22,100</b>

**DIVISION 273 (SRI)  
O&M FOOTNOTES**

- (1) **SALARIES: (\$2,000)** – The salaries for the new divisions were based on actual expenses derived from FY11 tracking information.
- (2) **SALARIES – OVERTIME: (\$500)** – The overtime budget for the new divisions were calculated the same way as the salaries. The percentages will vary due to the nature of unanticipated events that cause overtime.
- (3) **INSURANCE LIABILITY: (\$2,500)** – For percentage splits please refer to the Master Sheet in the appendix.
- (4) **MAINTENANCE ELECTRONICS: (\$13,500)** – The increase in this line item is due to the reallocation of Two Flow Meters that had been allocated to Div. 270. These Flow Meters represent 100% of Glen Ellyn Flow.

## **DIVISION 274 (ST. CHARLES ROAD LIFT STATION) O&M NARRATIVE**

Division 274 is the St. Charles Road Lift Station located next to Ackerman Park in Glen Ellyn. The St. Charles Lift Station receives flow from the Village of Glen Ellyn and DuPage County sanitary sewer systems. Flows range from 2 MGD to 10 MGD due to Inflow and Infiltration (I&I). The new lift station has been designed to operate cost effectively at low and high flow conditions utilizing variable speed drives. These drives control the speed of the pumps versus the previous method of on/off cycling of the pumps. The lift station also has redundant back-up power provided by onsite generation.

**Budget 2011-2012**  
**Operations & Maintenance**  
**Division 274**  
**St. Charles Road Lift Station**

**REVENUE**

		<b>Actual FY 2009</b>	<b>Actual FY2010</b>	<b>Approved FY 2011</b>	<b>Estimated FY 2011</b>	<b>Planning FY 2012</b>
<b>Operation/Maintenance</b>						
450010	Glen Ellyn Share			62,500	62,500	81,650
<b>DIVISION 274</b>		<b>0</b>	<b>0</b>	<b>62,500</b>	<b>62,500</b>	<b>81,650</b>

NOTE: The St. Charles Road Lift Station moves about 11% of the total Glenbard flow.

Budget 2011-2012  
 Operations & Maintenance  
 Division 274  
 St. Charles Road Lift Station

Footnotes

EXPENSES

			Actual FY 2009	Actual FY 2010	Approved FY 2011	Estimated FY 2011	Planning FY 2012
<b>Personnel Services</b>							
510100	Salary-Regular	1			9,600	10,700	9,900
510200	Overtime	2			1,200	6,500	1,200
510400	FICA				800	1,100	800
510500	IMRF				1,400	1,900	1,500
	<b>Total</b>		<b>0</b>	<b>0</b>	<b>13,000</b>	<b>20,200</b>	<b>13,400</b>
<b>Operations &amp; Maintenance</b>							
520885	Insurance - Liability	3			1,200	1,200	6,000
520895	Insurance - Health				2,100	2,100	2,100
520970	Maint.-Bldgs.&Grnds.				900	0	600
520975	Maint.-Equipment				1,500	0	750
520980	Maint.-Electronics	4			28,800	32,000	38,200
521130	Overhead Fees				1,200	1,200	1,200
521195	Telecommunications				1,800	1,800	4,400
521201	Electric Power				12,000	16,000	15,000
	<b>Total</b>		<b>0</b>	<b>0</b>	<b>49,500</b>	<b>54,300</b>	<b>68,250</b>
<b>Total Division 274</b>			<b>0</b>	<b>0</b>	<b>62,500</b>	<b>74,500</b>	<b>81,650</b>

**DIVISION 274 (ST. CHARLES ROAD LIFT STATION)  
O&M FOOTNOTES**

- (1) **SALARIES: (\$9,900)** – The salaries for the new divisions were based on actual expenses derived from FY11 tracking information.
- (2) **SALARIES – OVERTIME: (\$1,200)** – The overtime budget for the new divisions were calculated the same way as the salaries. The percentages will vary due to the nature of unanticipated events that cause overtime.
- (3) **INSURANCE LIABILITY: (\$6,000)** – For percentage splits please refer to the Master Sheet in the appendix.
- (4) **MAINTENANCE ELECTRONICS: (\$38,200)** – The increase in this line item is due to the need for miscellaneous spare parts pertaining to the recently completed lift Station.

## **DIVISION 275 (VALLEY VIEW LIFT STATION) O&M NARRATIVE**

Division 275 is the Valley View Lift Station, located at the corner of Shagbark and Arbor in the Valley View Subdivision. The Valley View Subdivision is south of Route 56 and lies between Route 53 and Park Boulevard. A 10" force main exits the Valley View Lift Station and runs north along Route 53 for about 1 mile, where it becomes a gravity sewer. The wastewater that is pumped through the Valley View Lift Station is exclusively from systems operated and maintained by Illinois-American Water, a private utility company regulated by the Illinois Commerce Commission. Glenbard provides wastewater treatment for Illinois-American, who contracts for this service through Glen Ellyn. The Glen Ellyn portion of the Glenbard bill includes treatment costs for Illinois-American flow.

**Budget 2011-2012**  
**Operations & Maintenance**  
**Division 275**  
**Valley View Lift Station**

**REVENUE**

		Actual FY 2009	Actual FY2010	Approved FY 2011	Estimated FY 2011	Planning FY 2012
<b>Operation/Maintenance</b>						
450010	Glen Ellyn Share			21,300	21,300	25,900
<b>DIVISION 275</b>		<b>0</b>	<b>0</b>	<b>21,300</b>	<b>21,300</b>	<b>25,900</b>

NOTE: The Valley View Lift Station moves about 5% of the total Glenbard flow.

**Budget 2011-2012  
Operations & Maintenance  
Division 275  
Valley View Lift Station**

**Footnotes**

**EXPENSES**

			<b>Actual FY 2009</b>	<b>Actual FY 2010</b>	<b>Approved FY 2011</b>	<b>Estimated FY 2011</b>	<b>Planning FY 2012</b>
<b>Personnel Services</b>							
510100	Salary-Regular	1			4,800	3,300	3,500
510200	Overtime	2			500	2,800	1,500
510400	FICA				400	500	500
510500	IMRF				700	800	900
	<b>Total</b>		<b>0</b>	<b>0</b>	<b>6,400</b>	<b>7,400</b>	<b>6,400</b>
<b>Operations &amp; Maintenance</b>							
520885	Insurance - Liability	3			600	600	2,000
520895	Insurance - Health				1,100	1,100	1,000
520970	Maint.-Bldgs.&Grnds.				1,000	1,500	1,000
520975	Maint.-Equipment				4,500	1,000	2,100
520980	Maint.-Electronics	4			1,700	4,000	4,300
521130	Overhead Fees				600	600	600
521195	Telecommunications				300	1,200	1,000
521201	Electric Power				5,100	6,000	7,500
	<b>Total</b>		<b>0</b>	<b>0</b>	<b>14,900</b>	<b>16,000</b>	<b>19,500</b>
<b>Total Division 275</b>			<b>0</b>	<b>0</b>	<b>21,300</b>	<b>23,400</b>	<b>25,900</b>

**DIVISION 275 (VALLEY VIEW LIFT STATION)  
O&M FOOTNOTES**

- (1) **SALARIES: (\$3,500)** – The salaries for the new divisions were based on actual expenses derived from FY11 tracking information.
- (2) **SALARIES – OVERTIME: (\$1,500)** – The overtime budget for the new divisions were calculated the same way as the salaries. The percentages will vary due to the nature of unanticipated events that cause overtime.
- (3) **INSURANCE LIABILITY: (\$2,000)** – For percentage splits please refer to the Master Sheet in the appendix.
- (4) **MAINTENANCE ELECTRONICS: (\$4,300)** – The largest portion of this line item is the Rain Gauge that is operated and maintained by ADS as part of the flow metering agreement.

## **DIVISION 276 (SRI LIFT STATION) O&M NARRATIVE**

Division 276 is the SRI Lift Station located on the Southeastern corner of GWA's main treatment facilities. The station was built in 1992 to alleviate the overpowering flow of wastewater from the NRI that created sanitary sewer overflows of the South Regional Interceptor. The wastewater that is pumped through the SRI Lift Station is from systems operated and maintained exclusively by Illinois-American Water, a private utility company regulated by the Illinois Commerce Commission. Glenbard provides wastewater treatment for Illinois-American, who contracts for this service through Glen Ellyn. The Glen Ellyn portion of the Glenbard bill includes treatment costs for Illinois-American flow.

**Budget 2011-2012  
 Operations & Maintenance  
 Division 276  
 SRI Lift Station**

**REVENUE**

		<b>Actual FY 2009</b>	<b>Actual FY 2010</b>	<b>Approved FY 2011</b>	<b>Estimated FY 2011</b>	<b>Planning FY 2012</b>
<b>Operation/Maintenance</b>						
450010	Glen Ellyn Share			15,800	15,800	4,750
<b>DIVISION 276</b>		<b>0</b>	<b>0</b>	<b>15,800</b>	<b>15,800</b>	<b>4,750</b>

NOTE: The SRI Station pumps about 7% of the total Glenbard flow.

Budget 2011-2012  
 Operations & Maintenance  
 Division 276  
 SRI Lift Station

Footnotes

EXPENSES

			Actual FY 2009	Actual FY 2010	Approved FY 2011	Estimated FY 2011	Planning FY 2012
<b>Personnel Services</b>							
510100	Salary-Regular	1			4,800	500	1,000
510200	Overtime	2			500	200	0
510400	FICA				400	100	70
510500	IMRF				700	100	130
	<b>Total</b>		<b>0</b>	<b>0</b>	<b>6,400</b>	<b>900</b>	<b>1,200</b>
<b>Operations &amp; Maintenance</b>							
520885	Insurance - Liability	3			600	600	1,500
520895	Insurance - Health				1,100	1,100	200
520975	Maint.-Equipment				2,900	500	750
520980	Maint.-Electronics	4			1,700	500	1,000
521130	Overhead Fees				600	600	100
521201	Electric Power				2,500	0	0
	<b>Total</b>		<b>0</b>	<b>0</b>	<b>9,400</b>	<b>3,300</b>	<b>3,550</b>
<b>Total Division 276</b>			<b>0</b>	<b>0</b>	<b>15,800</b>	<b>4,200</b>	<b>4,750</b>

**DIVISION 276 (SRI LIFT STATION)  
O&M FOOTNOTES**

- (1) **SALARIES: (\$1,000)** – The salaries for the new divisions were based on actual expenses derived from FY11 tracking information.
- (2) **SALARIES – OVERTIME: (\$0)** – The overtime budget for the new divisions were calculated the same way as the salaries. The percentages will vary due to the nature of unanticipated events that cause overtime. This year we are not budgeting for overtime at the Lift Station.
- (3) **INSURANCE LIABILITY: (\$1,500)** – For percentage splits please refer to the Master Sheet in the appendix.
- (4) **MAINTENANCE ELECTRONICS: (\$1,000)** – Miscellaneous budgeted repairs.

## **DIVISION 277 (SUNNYSIDE LIFT STATION) O&M NARRATIVE**

Division 277 is the Sunnyside Lift Station which was built in 1979 as part of the re-aligning of the North Regional Interceptor (NRI) during the construction of the new Glenbard Wastewater Authority Treatment Facility. The NRI at the time was on the west side of the East Branch of the DuPage River. The construction of the new Glenbard plant re-aligned the NRI to the east side of the East Branch of the DuPage River. The homeowners that had laterals leading directly to the NRI needed to be serviced. So the creation of the Sunnyside Lift Station came to be. The lift station serves less than twelve residents along Sunnybrook Road.

**Budget 2011-2012  
 Operations & Maintenance  
 Division 277  
 Sunnyside Lift Station**

**REVENUE**

		<b>Actual FY 2009</b>	<b>Actual FY2010</b>	<b>Approved FY 2011</b>	<b>Estimated FY 2011</b>	<b>Planning FY 2012</b>
<b>Operation/Maintenance</b>						
450010	Glen Ellyn Share			5,300	5,300	3,300
<b>DIVISION 277</b>		<b>0</b>	<b>0</b>	<b>5,300</b>	<b>5,300</b>	<b>3,300</b>

NOTE: Sunnyside Lift Station pumps less than 1.0% of GWA flow.

**Budget 2011-2012  
Operations & Maintenance  
Division 277  
Sunnyside Lift Station**

**Footnotes**

**EXPENSES**

			<b>Actual FY 2009</b>	<b>Actual FY 2010</b>	<b>Approved FY 2011</b>	<b>Estimated FY 2011</b>	<b>Planning FY 2012</b>
<b>Personnel Services</b>							
510100	Salary-Regular	1			2,400	500	1,000
510200	Overtime				0	100	0
510400	FICA				200	100	70
510500	IMRF				300	100	130
	<b>Total</b>		<b>0</b>	<b>0</b>	<b>2,900</b>	<b>800</b>	<b>1,200</b>
<b>Operations &amp; Maintenance</b>							
520885	Insurance - Liability	2			300	300	500
520895	Insurance - Health				500	500	200
520975	Maint.-Equipment				500	0	500
520980	Maint.-Electronics	3			800	0	800
521130	Overhead Fees				300	300	100
	<b>Total</b>		<b>0</b>	<b>0</b>	<b>2,400</b>	<b>1,100</b>	<b>2,100</b>
<b>Total Division 277</b>			<b>0</b>	<b>0</b>	<b>5,300</b>	<b>1,900</b>	<b>3,300</b>

**DIVISION 277 (SUNNYSIDE LIFT STATION)  
O&M FOOTNOTES**

- (1) **SALARIES: (\$1,000)** – The salaries for the new divisions were based on actual expenses derived from FY11 tracking information.
  
- (2) **INSURANCE LIABILITY: (\$500)** – For percentage splits please refer to the Master Sheet in the appendix.
  
- (3) **MAINTENANCE ELECTRONICS: (\$800)** – Miscellaneous budgeted repairs.

**Glenbard Treatment Facility  
Fund 40 Capital Plan**

<b>REVENUE in Thousands\$</b>	<b>FY(2020)</b>	
	<b>Planning</b>	
Proceeds from Borrowing	0	0
Investment Income	0	20
Glen Ellyn Conn Fees	25	25
Lombard Conn Fees	25	25
Miscellaneous Revenue	0	10
O&M Sinking Fund	0	2000
<b>TOTAL REVENUE</b>	<b>30</b>	<b>2080</b>
<b>EXPENSES in Thousands\$</b>		
<b>FY(2020)</b>		
Interfund Transfer To Capital Fund 41		
Interfund Transfer To Capital Fund 44		
<b>IFT Total</b>	<b>0</b>	<b>0</b>
<b>Debt Service Payments:</b>		
		<b>Planning</b>
Future Projects - For Planning Purposes Only		480
CSO Project Debt Payment (P&I) - (See Div 41 Capital)		
BIP Project Debt Payment (P & I)		
Ana Digester Project Debt Payment (P & I)	21	521
<b>Debt Service Subtotal</b>	<b>21</b>	<b>521</b>
<b>Capital Outlay</b>		
Rolling Stock	93	93
Small Capital Projects	00	100
Infrastructure Improvements	50	250
Roof Replacements	50	60
Plant Equipment Rehabilitation	00	300
Oxygen System Rehabilitation Plan		
Cryo 5 Yr Maintenance		
Engineering		
Facility Plan		
Asset Analysis		
<b>Capital Improvements</b>		
Digester Improvement Project		
Engineering		
Construction		
O&M Manual Update		
Lombard CSO Improvements		
<b>Future / Past Capital Improvements</b>		
Admin Building Extension Design/Construction		
ADS Flow Meter Upgrades - Completed		
Elect. Distribution Maint		
Phosphorus Removal		
Intermediate Clarifier Trough Replacements		
St. Charles Road Lift Station - Completed		
Clarifier Drive Purchase - Completed		
CMMS - Completed		
Lab Fire Suppression System Replacement		
<b>Project Total</b>	<b>93</b>	<b>803</b>
<b>IFT/DEBT SERVICES / PROJ TOTAL</b>	<b>14</b>	<b>1324</b>
<b>Cash on Hand 5/1</b>	<b>43</b>	<b>4109</b>
<b>Gain/Loss FY</b>	<b>66</b>	<b>756</b>

Budget 2011-2012  
 Glenbard Treatment Facility  
 Fund 40 Capital Plan  
 Capital Projects Detail

	Actual FY 2009	Actual FY 2010	Approved FY 2011	Estimated FY 2011	Budgeting FY 2012
40 440600 CONNECTION FEES - GLEN ELLYN	28,000	19,000	25,000	50,000	15,000
40 440601 CONNECTION FEES - LOMBARD	12,000	11,000	15,000	10,000	15,000
40 450010 GLEN ELLYN - 47.587%	1,800,000	2,212,000	2,200,000	2,200,000	698,292
40 450015 LOMBARD - 52.413%					769,108
40 460100 INVESTMENT INCOME	56,000	18,000	18,000	7,000	7,000
40 480450 PROCEEDS FROM BORROWING	3,350,000	2,997,000	885,000	660,000	-
40 489000 MISCELLANEOUS REVENUE	3,000	11,000	10,000	12,000	-
<b>REVENUES TOTAL:</b>	<b>5,249,000</b>	<b>5,268,000</b>	<b>3,153,000</b>	<b>2,939,000</b>	<b>1,504,400</b>
<b>Interfund Transfers</b>					
INTERFUND TRANSFER TO CAPITAL FUND 41			1,263,000	1,263,000	-
INTERFUND TRANSFER TO CAPITAL FUND 44			2,000,000	2,400,000	-
<b>IFT SUBTOTAL:</b>			<b>3,263,000</b>	<b>3,663,000</b>	<b>-</b>
<b>PRINCIPAL &amp; INTEREST:</b>					
40 550050 IEPA CSO LOAN PRINCIPAL	62,300	64,000	-	-	-
40 550900 IEPA CSO LOAN INTEREST EXPENSE	11,300	10,000	-	-	-
40 550100 IEPA BIOSOLIDS LOAN PRINCIPAL	310,400	323,000	323,000	332,000	348,000
40 550950 IEPA BIOSOLIDS LOAN INT EXP	63,100	55,900	55,900	48,000	30,200
40 550110 IEPA DIGESTER PRINCIPAL	-	-	438,700	359,000	370,200
40 550960 IEPA DIGESTER INTEREST	-	-	203,400	161,000	150,800
<b>PRINCIPAL &amp; INTEREST TOTALS:</b>	<b>447,100</b>	<b>452,900</b>	<b>1,021,000</b>	<b>900,000</b>	<b>899,200</b>
<b>CAPITAL OUTLAY:</b>					
40 570155 ROLLING STOCK - VEHICLES	20,000	73,000	26,000	20,000	
40 580120 SMALL CAPITAL PROJECTS	136,000	154,000	65,000	85,000	88,000
40 580120 ADS METER UPGRADE	36,200		73,000	73,000	-
40 580140 INFRASTRUCTURE UPGRADES	152,000	117,000	200,000	140,000	414,000
40 580145 ROOF UPGRADES	97,200	22,000	60,000	60,000	50,000
40 580150 PLANT EQUIPMENT REHABILITATION	226,000	203,000	108,000	55,000	151,000
40 580150 OXYGEN SYSTEM REHABILITATION	55,000		100,000	50,000	100,000
40 580160 CRYO 5YR MAINTENANCE			130,000	20,000	130,000
40 580600 FACILITY PLAN					75,000
40 580610 ASSET ANALYSIS					75,000
40 580235 00301 BIO SOLIDS ENGINEER SERVICES	277,000				
40 580239 ANAEROBIC DIGESTER IMPROVEMENTS	3,663,000	2,584,000	-		
40 580239 ENGINEERING		457,000	50,000	22,000	
40 580239 CONSTRUCTION			350,000	460,000	
40 580260 CLARIFIER DRIVE PURCHASE	8,500				
40 580450 00401 ST. CHARLES LIFT STATION	185,000	441,000	-		-
40 580475 LOMBARD PLANT UPGRADES	44,000	23,000	-		-
40 58620 O & M MANUAL UPDATE			90,000	-	
<b>CAPITAL OUTLAY TOTALS:</b>	<b>4,899,900</b>	<b>4,074,000</b>	<b>1,252,000</b>	<b>985,000</b>	<b>1,083,000</b>
<b>PRINCIPAL &amp; INTEREST / CAPITAL OUTLAY TOTALS</b>	<b>5,347,000</b>	<b>4,526,900</b>	<b>2,273,000</b>	<b>1,885,000</b>	<b>1,982,200</b>

**DIVISION 40 (GLENBARD PLANT)  
CAPITAL FOOTNOTES**

- (1) **Sinking Fund (\$1,467,400)** – Dedicated contributions from both communities to support capital expenses. Joint accounts are split according to flow rate. Division split is based on FY11 budget discussions between the Villages of Lombard and Glen Ellyn resulting in contributions being assessed per the following table:

Division	%	Glen Ellyn	Lombard	Total
40 – Glenbard Plant	66.7%	\$698,791	\$768,609	\$1,467,400
41 – Lombard CSO	12.0%	\$0	\$264,000	\$264,000
42 – NRI	6.9%	\$52,168	\$99,632	\$151,800
43 – SRI	3.1%	\$68,200	\$0	\$68,200
44 – St. Charles L.S.	6.7%	\$147,400	\$0	\$147,400
45 – Valley View L.S.	2.0%	\$45,100	\$0	\$45,100
46 – SRI L.S.	2.0%	\$45,100	\$0	\$45,100
47 – Sunnyside L.S.	0.5%	\$11,000	\$0	\$11,000
Total	100%	\$1,067,758	\$1,132,242	\$2,200,000

- (2) **BIP Project Debt Payment: (\$379,000)** – Repayment of IEPA Loan for the 2003 Biosolids Improvement Project. The amount of the loan was \$3,130,711 to be paid back over ten (10) years at an interest rate of 2.57%. Final payment is expected in FY2016.

(3) **Anaerobic Digester Improvement Project Debt Payment: (\$520,945)** – Repayment of IEPA Loan for the 2009 installation of a new 80' digester at the Glenbard Plant. Also included in this project was some cleanup work from the BIP Project. The amount of the loan was \$6,499,070 to be paid back over fifteen (15) years at an interest rate of 2.5%. Substantial completion was awarded near the end of FY2011. As of January 2011 Final Completion has not been awarded and the project is awaiting mediation with approximately \$1,000,000 worth of issues on the table. Repayment to the IEPA loan began during FY2011.

(4) **Small Capital Projects: (\$88,000)** – Provides for small capital replacements. A few of the planned projects for FY2012 include:

Laboratory Glassware Washer	\$13,500
Software Upgrades (OS & Application)	\$10,000
SCADA System Upgrades	\$15,000
Workstation, Firewall Replacements	\$10,000
Sand Filter Cell Lighting	\$15,000

(5) **Infrastructure Improvements: (\$414,000)** – Provides for various infrastructure improvements throughout the Glenbard Plant. A few of the planned projects for FY2012 are listed below:

HVAC Systems Replacement	\$7,000
Magnetic Flow Meter Replacement	\$50,000
Grit Washer Safety Grating	\$5,000
Admin Terrazzo Floor Repairs	\$12,000
Barscreen Building Interior Painting	\$15,000
Door and Sidewalk Repair	\$1,500
Sand Filter Sand	\$30,000
Unox Inlet Channel	
Complete Pipe Gallery Concrete (Engineering)	\$10,000
Complete Pipe Gallery Concrete (Construction)	\$200,000
Overhead Crane Activation	\$12,000
Road Repairs – Glenbard Plant Service Road Resurfacing	\$50,000
Fire Extinguisher Replacements/Standardization	\$3,000
Clarifier Trough Repairs (First of 4-year Project)	\$18,000

(6) **Roof Replacements: (\$50,000)** – Replacement of the roofs at the Grit Building (C), and the Co-Gen Building (V). This line item is included within the Infrastructure Improvements.

- (7) **Plant Equipment Rehabilitation: (\$151,000)** – Provides for various plant equipment rehabilitations throughout the Glenbard Plant. A few planned projects for FY2012 include:

UV Lamps/O-rings/Ballasts	\$30,000
Spent Backwash Pump Rehab	\$15,000
Sand Filter Compressor Replacement/Rehab	\$12,000
Raw Pump Suction Valve Rehab	\$30,000
No. 2 Upper Bearing Evaluation / Replacement	\$29,000
No. 2 Gearbox Reconditioning	\$7,000
Covers Blast & Paint	\$15,000

- (8) **Oxygen System Rehabilitation Plan: (\$100,000)** – Evaluation and update of the Cryogenic Oxygen Facility.

- (9) **Cryo 5 Year Maintenance: (\$130,000)** – Scheduled five year turnaround calibration and necessary replacements of instrumentation and valves associated with the Cryogenic Facility. This was scheduled for FY11 and got deferred due to the Digester #3 Project. The routine annual turnaround took place in FY11 in lieu of the five (5) year.

- (10) **Facilities Plan / Asset Analysis: (\$150,000)** – GWA is planning two equipment related studies that will be conducted during FY12 to identify the GWA needs for the future. The Facility Plan will be addressing the needs for repair, upgrades, or replacement pertaining to aging infrastructure and more stringent regulations that would require different types of processes. The Asset Analysis will be utilized to update the 1985 Johnson Study that identified four account funds that coincided with the EPA Grant project that built GWA. Current facilities and equipment have been modified or upgraded and must be identified. Once identified the equipment will be given a service life and depreciation value, and then applied to the correct fund.

FY 2012  
Lombard Combined Sewerage Treatment Facility  
Fund 41 Capital Plan

Technologies

REVENUE in Thousands\$		FY(2011)	FY(2012)	FY(2013)	FY(2014)	FY(2015)	FY(2016)	FY(2017)	FY(2018)	FY(2019)	FY(2020)
	Estimated	Budgeting	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning
Proceeds from Borrowing	1263										
Interfund Transfer From Capital Fund 40	2										
Investment Income	0										
Miscellaneous Revenue	0	264	288	312	264	336	336	336	336	336	336
O&M Sinking Fund	0	264	288	312	264	336	336	336	336	336	336
<b>TOTAL REVENUE</b>	<b>1265</b>	<b>264</b>	<b>288</b>	<b>312</b>	<b>264</b>	<b>336</b>	<b>336</b>	<b>336</b>	<b>336</b>	<b>336</b>	<b>336</b>
<b>EXPENSES in Thousands\$</b>		<b>FY(2011)</b>	<b>FY(2012)</b>	<b>FY(2013)</b>	<b>FY(2014)</b>	<b>FY(2015)</b>	<b>FY(2016)</b>	<b>FY(2017)</b>	<b>FY(2018)</b>	<b>FY(2019)</b>	<b>FY(2020)</b>
<b>Debt Service Payments:</b>		<b>Estimated</b>	<b>Budgeting</b>	<b>Planning</b>							
CSO Project Debt Payment (P & I)	74	74	74	74	74	37	0	0	0	0	0
<b>Debt Service Subtotal</b>	<b>74</b>	<b>74</b>	<b>74</b>	<b>74</b>	<b>74</b>	<b>37</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Capital Outlay</b>											
Small Capital Projects	0										
Infrastructure Improvements	14		12								
Equipment Rehabilitation	0	7									
Roof Replacements	0										
<b>Capital Improvements</b>											
Lombard Weir Study/ Lombard Upgrades											
Engineering		110									
Construction	200	975									
<b>Project Total</b>	<b>214</b>	<b>1092</b>	<b>12</b>	<b>0</b>							
<b>DEBT SERVICES / PROJECTS TOTAL EXPENSES</b>		<b>288</b>	<b>1166</b>	<b>86</b>	<b>74</b>	<b>37</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Cash on Hand 5/1	0	977	75	277	277	515	742	1078	1414	1750	2086
Gain/Loss FY	977	(902)	202	238	227	227	336	336	336	336	336
<b>Cash on Hand 4/30</b>	<b>977</b>	<b>75</b>	<b>277</b>	<b>515</b>	<b>742</b>	<b>1078</b>	<b>1414</b>	<b>1750</b>	<b>2086</b>	<b>2422</b>	<b>2422</b>

Budget 2011-2012  
 Lombard Combine Sewerage Treatment Facility  
 Fund 41 Capital Plan  
 Capital Projects Detail

		Actual FY 2009	Actual FY 2010	Approved FY 2010	Estimated FY 2011	Planning FY 2012
41 450025	INTERFUND TRANSFER FROM CAPITAL FUND 40				1,263,000	-
	INVESTMENT INCOME				2,000	
41 450015	LOMBARD					264,000
<b>REVENUES</b>		-	-	-	<b>1,265,000</b>	<b>264,000</b>
41 550050	IEPA CSO LOAN PRINCIPAL	-	-	-	65,750	67,600
41 550900	IEPA CSO LOAN INTEREST EXPENSE	-	-	-	7,860	6,100
<b>PRINCIPAL &amp; INTEREST TOTALS:</b>		-	-	-	<b>73,610</b>	<b>73,700</b>
41 580120	SMALL CAPITAL PROJECTS					-
41 580140	INFRASTRUCTURE IMPROVEMENTS				14,000	-
41 580150	PLANT EQUIPMENT REHABILITATION					7,000
41 580475	LOMBARD WEIR STUDY/LOMBARD UPGRADES	-	-	-	200,000	1,085,000
<b>CAPITAL OUTLAY TOTALS:</b>		-	-	-	<b>214,000</b>	<b>1,092,000</b>
<b>PRINCIPAL &amp; INTEREST / CAPITAL OUTLAY TOTALS</b>		-	-	-	<b>287,610</b>	<b>1,165,700</b>

**FUND 41 (LOMBARD CSO PLANT)  
CAPITAL FOOTNOTES**

- (1) **O&M Sinking Fund: (\$264,000)** – Yearly contribution based off FY11 budget discussions between the Villages of Lombard and Glen Ellyn. Expectations are that set contributions will continue into the future.
  
- (2) **CSO Project Debt Payment: (\$74,000)** – Repayment of IEPA Loan for the 2001 rehabilitation of the Lombard CSO Plant. The amount of the loan was \$630,360 to be paid back over ten (10) years at an interest rate of 2.675%. Final payment is expected in FY2015.
  
- (3) **CSO Weir Study / Upgrades: (\$1,085,000)** – Replacement of the weirs in the clarifiers from fiberglass interior weirs to concrete weirs. Also included is excavation work to the excess flow lagoons that will include a drain line system to the NRI. Construction is expected to take place in FY2011/FY2012.

FY 2012  
 North Regional Interceptor  
 Fund 42 Capital Plan

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REVENUE in Thousands\$	FY(2011) Estimated	FY(2012) Budgeting	FY(2013) Planning	FY(2014) Planning	FY(2015) Planning	FY(2016) Planning	FY(2017) Planning	FY(2018) Planning	FY(2019) Planning	FY(2020) Planning
Proceeds from Borrowing	0									
Interfund Transfer From Capital Fund 40	0									
Investment Income	0									
Miscellaneous Revenue	0									
O&M Sinking Fund	0	152	166	179	193	193	193	193	193	193
<b>TOTAL REVENUE</b>	<b>0</b>	<b>152</b>	<b>166</b>	<b>179</b>	<b>193</b>	<b>193</b>	<b>193</b>	<b>193</b>	<b>193</b>	<b>193</b>
<b>EXPENSES in Thousands\$</b>										
Debt Service Payments:										
Debt Service Subtotal	0	0	0	0	0	0	0	0	0	0
<b>Capital Outlay</b>										
Small Capital Projects	0									
Infrastructure Improvements	0									
Capital Improvements										
Project Total	0	0	0	0	0	0	0	0	0	0
<b>DEBT SERVICES / PROJECTS TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Cash on Hand 5/1	0	0	152	318	497	690	883	1076	1269	1462
Gain/Loss FY	0	152	166	179	193	193	193	193	193	193
Cash on Hand 4/30	0	152	318	497	690	883	1076	1269	1462	1655

**Budget 2011-2012**  
**North Regional Interceptor**  
**Fund 42 Capital Plan**  
**Capital Projects Detail**

		Actual FY 2009	Actual FY 2010	Approved FY 2011	Planning FY 2012
42 450010	GLEN ELLYN - 34.397%	-	-	-	52,215
42 450015	LOMBARD - 65.603%				99,585
<b>REVENUES</b>		-	-	-	<b>151,800</b>
		-	-	-	-
<b>PRINCIPAL &amp; INTEREST TOTALS:</b>		-	-	-	<b>0</b>
42 580120	Small Capital Projects				0
42 580140	Infrastructure Improvements				0
<b>CAPITAL OUTLAY TOTALS:</b>		-	-	-	<b>0</b>
<b>PRINCIPAL &amp; INTEREST / CAPITAL OUTLAY TOTALS</b>		-	-	-	<b>0</b>

**FUND 42 (NRI)**  
**CAPITAL FOOTNOTES**

- (1) **O&M Sinking Fund: (\$151,800)** – Yearly contribution based off FY11 budget discussions between the Villages of Lombard and Glen Ellyn. Expectations are that set contributions will continue into the future.

FY 2012  
 South Regional Interceptor  
 Fund 43 Capital Plan

Footnotes

REVENUE in Thousands\$	FY(2011) Estimated	FY(2012) Budgeting	FY(2013) Planning	FY(2014) Planning	FY(2015) Planning	FY(2016) Planning	FY(2017) Planning	FY(2018) Planning	FY(2019) Planning	FY(2020) Planning
Proceeds from Borrowing	0									
Interfund Transfer From Capital Fund 40	0									
Investment Income	0									
Miscellaneous Revenue	0									
O&M Sinking Fund	1	68	74	81	87	87	87	87	87	87
<b>TOTAL REVENUE</b>	<b>0</b>	<b>68</b>	<b>74</b>	<b>81</b>	<b>87</b>	<b>87</b>	<b>87</b>	<b>87</b>	<b>87</b>	<b>87</b>
<b>EXPENSES in Thousands\$</b>	<b>FY(2011) Estimated</b>	<b>FY(2012) Budgeting</b>	<b>FY(2013) Planning</b>	<b>FY(2014) Planning</b>	<b>FY(2015) Planning</b>	<b>FY(2016) Planning</b>	<b>FY(2017) Planning</b>	<b>FY(2018) Planning</b>	<b>FY(2019) Planning</b>	<b>FY(2020) Planning</b>
Debt Service Payments:	0	0	0	0	0	0	0	0	0	0
Debt Service Subtotal	0	0	0	0	0	0	0	0	0	0
<b>Capital Outlay</b>										
Small Capital Projects	0	0								
Infrastructure Improvements	0	0								
<b>Capital Improvements</b>										
<b>Project Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>DEBT SERVICES / PROJECTS TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Cash on Hand 5/1	0	0	68	142	223	310	397	484	571	658
Gain/Loss FY	0	68	74	81	87	87	87	87	87	87
Cash on Hand 4/30	0	68	142	223	310	397	484	571	658	745

Budget 2011-2012  
 South Regional Interceptor  
 Fund 43 Capital Plan  
 Capital Projects Detail

		Actual FY 2009	Actual FY 2010	Approved FY 2011	Planning FY 2012
43 450010	GLEN ELLYN	-	-	-	68,200
<b>REVENUES</b>		-	-	-	<b>68,200</b>
		-	-	-	0
<b>PRINCIPAL &amp; INTEREST TOTALS:</b>		-	-	-	<b>0</b>
43 580120	Small Capital Projects				0
43 580140	Infrastructure Improvements				0
<b>CAPITAL OUTLAY TOTALS:</b>		-	-	-	<b>0</b>
<b>PRINCIPAL &amp; INTEREST / CAPITAL OUTLAY TOTALS</b>		-	-	-	<b>0</b>

**FUND 43 (SRI)  
CAPITAL FOOTNOTES**

- (1) **O&M Sinking Fund: (\$68,200)** – Yearly contribution based off FY11 budget discussions between the Villages of Lombard and Glen Ellyn. Expectations are that set contributions will continue into the future.

FY 2012  
 Saint Charles Road Lift Station  
 Fund 44 Capital Plan

Footnotes

REVENUE in Thousands\$	FY(2011) Estimated	FY(2012) Budgeting	FY(2013) Planning	FY(2014) Planning	FY(2015) Planning	FY(2016) Planning	FY(2017) Planning	FY(2018) Planning	FY(2019) Planning	FY(2020) Planning
Proceeds from Borrowing	2400									
Interfund Transfer From Capital Fund 40										
Investment Income	2									
Miscellaneous Revenue	0	0								
O&M Sinking Fund	0	147	161	174	188	188	188	188	188	188
<b>TOTAL REVENUE</b>	<b>2402</b>	<b>147</b>	<b>161</b>	<b>174</b>	<b>188</b>	<b>188</b>	<b>188</b>	<b>188</b>	<b>188</b>	<b>188</b>
<b>EXPENSES in Thousands\$</b>										
<b>Debt Service Payments:</b>										
Interfund Transfer To Division 40	0	0	0	0	0	0	0	0	0	0
<b>Debt Service Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Capital Outlay</b>										
Small Capital Projects	0									
Infrastructure Improvements	0									
Equipment Rehabilitation	0	20								
<b>Capital Improvements</b>										
St. Charles Lift Station	2400	100								
Engineering	0									
Construction	0									
<b>Project Total</b>	<b>2400</b>	<b>120</b>	<b>0</b>							
<b>DEBT SERVICES / PROJECTS TOTAL EXPENSES</b>	<b>2400</b>	<b>120</b>	<b>0</b>							
Cash on Hand 5/1	0	2	29	190	364	552	740	928	1116	1304
Gain/Loss FY	2	27	161	174	188	188	188	188	188	188
Cash on Hand 4/30	2	29	190	364	552	740	928	1116	1304	1492

Budget 2011-2012  
 St. Charles Road Lift Station  
 Fund 44 Capital Plan  
 Capital Projects Detail

	Actual FY 2009	Actual FY 2010	Approved FY 2011	Planning FY 2012
INTERFUND TRANSFER FROM CAPITAL FUND 40	-	-	2,400,000	
44 450010 GLEN ELLYN	-	-	-	147,400
<b>REVENUES</b>	-	-	<b>2,400,000</b>	<b>147,400</b>
<b>PRINCIPAL &amp; INTEREST TOTALS:</b>	-	-	-	-
44 580450 00401 ST. CHARLES LIFT STATION				
44 580450 00401 ST. CHARLES LIFT STATION ENGINEERING				
44 580450 00401 ST. CHARLES LIFT STATION CONSTRUCTION			2,400,000	100,000
44 580120 SMALL CAPITAL PROJECTS				
44 580140 INFRASTRUCTURE IMPROVEMENTS				
44 580150 PLANT EQUIPMENT REHABILITATION				20,000
<b>CAPITAL OUTLAY TOTALS:</b>	-	-	<b>2,400,000</b>	<b>120,000</b>
<b>PRINCIPAL &amp; INTEREST / CAPITAL OUTLAY TOTALS</b>	-	-	<b>2,400,000</b>	<b>120,000</b>

**FUND 44 (ST. CHARLES ROAD LIFT STATION)  
CAPITAL FOOTNOTES**

- (1) **O&M Sinking Fund: (\$147,400)** – Yearly contribution based off FY11 budget discussions between the Villages of Lombard and Glen Ellyn. Expectations are that set contributions will continue into the future.
- (2) **Equipment Rehabilitation: (\$20,000)** – Stock replacement equipment spares for the new assets associated with the completion of the lift station project.
- (3) **St. Charles Lift Station: (\$100,000)** – Remaining work to complete the lift station project. This work is weather related and will be finished as soon as winter breaks and spring is upon us. The items left to be finished are the following:
- Paving the lift station site.
  - Install the permanent fence.
  - Concrete sidewalks
  - Miscellaneous touch up exterior painting.
  - Sealing and striping the park district parking lot as agreed to with in the easement agreement.
  - Final grading, restoration, and landscaping.

FY 2012  
Valley View Lift Station  
Fund 45 Capital Plan

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REVENUE in Thousands\$	FY(2011) Estimated	FY(2012) Budgeting	FY(2013) Planning	FY(2014) Planning	FY(2015) Planning	FY(2016) Planning	FY(2017) Planning	FY(2018) Planning	FY(2019) Planning	FY(2020) Planning	FY(2021) Planning
Proceeds from Borrowing	0			1000							
Interfund Transfer From Capital Div 40	0										
Investment Income	0										
Miscellaneous Revenue	0										
O&M Sinking Fund	0	45	49	53	70	70	70	70	70	70	70
<b>TOTAL REVENUE</b>	<b>0</b>	<b>45</b>	<b>49</b>	<b>1053</b>	<b>70</b>						
<b>EXPENSES in Thousands\$</b>											
<b>Debt Service Payments:</b>											
20 Year Repayment Lift Station Replacement	0	0	0	0	65	65	65	65	65	65	65
<b>Debt Service Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>65</b>						
<b>Capital Outlay</b>											
Small Capital Projects	0	0									
Infrastructure Improvements	0	0									
Lift Station Improvement	0	0									
Engineering			100								
Construction				1000							
Equipment Rehabilitation	2	15									
	0	0									
<b>Project Total</b>	<b>0</b>	<b>15</b>	<b>100</b>	<b>1000</b>	<b>0</b>						
<b>DEBT SERVICES / PROJECTS TOTAL EXPENSES</b>	<b>0</b>	<b>15</b>	<b>100</b>	<b>1000</b>	<b>65</b>						
Cash on Hand 5/1	0	45	30	(21)	32	37	42	47	52	57	57
Gain/Loss FY	0	30	(51)	53	5	5	5	5	5	5	5
Cash on Hand 4/30	0	30	(21)	32	37	42	47	52	57	57	62

**Budget 2011-2012**  
**Valley View Lift Station**  
**Fund 45 Capital Plan**  
**Capital Projects Detail**

		Actual FY 2009	Actual FY 2010	Approved FY 2011	Budgeting FY 2012
45 450010	GLEN ELLYN	-	-	-	45,100
<b>REVENUES</b>		-	-	-	<b>45,100</b>
<b>PRINCIPAL &amp; INTEREST TOTALS:</b>		-	-	-	-
45 580120	SMALL CAPITAL PROJECTS				
45 580140	INFRASTRUCTURE IMPROVEMENTS				
45 580450	LIFT STATION IMPROVEMENTS DESIGN				
45 580150	EQUIPMENT REHABILITATION				15,000
<b>CAPITAL OUTLAY TOTALS:</b>		-	-	-	<b>15,000</b>
<b>PRINCIPAL &amp; INTEREST / CAPITAL OUTLAY TOTALS</b>		-	-	-	<b>15,000</b>

**FUND 45 (VALLEY VIEW LIFT STATION)  
CAPITAL FOOTNOTES**

- (1) **O&M Sinking Fund: (\$45,100)** –Yearly contribution based off FY11 budget discussions between the Villages of Lombard and Glen Ellyn. Expectations are that set contributions will continue into the future.
  
- (2) **Equipment Rehabilitation: (\$15,000)** – Rehabilitation of pumps and check valves necessary to keep the lift station operating until funding becomes available for the \$750,000 station upgrade.

FY 2012  
SRI Lift Station  
Fund 46 Capital Plan

Footnotes

REVENUE in Thousands\$	FY(2011) Estimated	FY(2012) Budgeting	FY(2013) Planning	FY(2014) Planning	FY(2015) Planning	FY(2016) Planning	FY(2017) Planning	FY(2018) Planning	FY(2019) Planning	FY(2020) Planning
Proceeds from Borrowing	0									
Interfund Transfer From Capital Fund 40	0									
Investment Income	0									
Miscellaneous Revenue	0									
O&M Sinking Fund	0	45	49	53	57	57	57	57	57	57
<b>TOTAL REVENUE</b>	<b>0</b>	<b>45</b>	<b>49</b>	<b>53</b>	<b>57</b>	<b>57</b>	<b>57</b>	<b>57</b>	<b>57</b>	<b>57</b>
<b>EXPENSES in Thousands\$</b>	<b>FY(2011) Estimated</b>	<b>FY(2012) Budgeting</b>	<b>FY(2013) Planning</b>	<b>FY(2014) Planning</b>	<b>FY(2015) Planning</b>	<b>FY(2016) Planning</b>	<b>FY(2017) Planning</b>	<b>FY(2018) Planning</b>	<b>FY(2019) Planning</b>	<b>FY(2020) Planning</b>
Debt Service Payments:	0	0	0	0	0	0	0	0	0	0
Debt Service Subtotal	0	0	0	0	0	0	0	0	0	0
<b>Capital Outlay</b>										
Small Capital Projects	0	0								
Infrastructure Improvements	0	30								
Equipment Rehabilitation	0	0								
Roof Replacements	0	0								
Capital Improvements										
<b>Project Total</b>	<b>0</b>	<b>30</b>	<b>0</b>							
<b>DEBT SERVICES / PROJECTS TOTAL EXPENSES</b>	<b>0</b>	<b>30</b>	<b>0</b>							
Cash on Hand 5/1	0	0	15	64	117	174	231	288	345	402
Gain/Loss FY	0	15	49	53	57	57	57	57	57	57
Cash on Hand 4/30	0	15	64	117	174	231	288	345	402	459

Budget 2011-2012  
 SRI Lift Station  
 Fund 46 Capital Plan  
 Capital Projects Detail

		Actual	Actual	Approved	Budgeting
		FY 2009	FY 2010	FY 2011	FY 2012
46 450010	GLEN ELLYN	-	-	-	45,100
<b>REVENUES</b>		-	-	-	<b>45,100</b>
		-	-		
<b>PRINCIPAL &amp; INTEREST TOTALS:</b>		-	-	-	-
46 580120	SMALL CAPITAL PROJECTS				0
46 580140	INFRASTRUCTURE IMPROVEMENTS				30,000
46 580450	LIFT STATION IMPROVEMENTS DESIGN				0
46 580150	EQUIPMENT REHABILITATION				0
<b>CAPITAL OUTLAY TOTALS:</b>		-	-	-	<b>30,000</b>
<b>PRINCIPAL &amp; INTEREST / CAPITAL OUTLAY TOTALS</b>		-	-	-	<b>30,000</b>

**FUND 46 (SRI LIFT STATION)  
CAPITAL FOOTNOTES**

- (1) **O&M Sinking Fund: (\$45,100)** –Yearly contribution based off FY11 budget discussions between the Villages of Lombard and Glen Ellyn. Expectations are that set contributions will continue into the future.
  
- (2) **Infrastructure Improvements: (30,000)** – Engineering for replacement of the on / off level controlled system at the SRI Lift Station. The current pumping arrangement utilizes a significant amount of energy to regulate the wet well at a particular level with the 3 pumps coming on and off by a level transmitter. The engineering we are requesting will design variable frequency drives that operate the pumps based on level transducers to keep the wet well between a certain range of level. Thus giving the station the ability to react in a more efficient operating manner.

FY 2012  
 Sunnyside Lift Station  
 Fund 47 Capital Plan

Footnotes

REVENUE in Thousands\$		FY(2011)	FY(2012)	FY(2013)	FY(2014)	FY(2015)	FY(2016)	FY(2017)	FY(2018)	FY(2019)	FY(2020)
		Estimated	Budgeting	Planning							
Proceeds from Borrowing		0									
Interfund Transfer From Capital Fund 40		0									
Investment Income		0									
Miscellaneous Revenue		0									
O&M Sinking Fund		0	11	12	13	14	14	14	14	14	14
<b>TOTAL REVENUE</b>		<b>0</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>
<b>EXPENSES in Thousands\$</b>		<b>FY(2011)</b>	<b>FY(2012)</b>	<b>FY(2013)</b>	<b>FY(2014)</b>	<b>FY(2015)</b>	<b>FY(2016)</b>	<b>FY(2017)</b>	<b>FY(2018)</b>	<b>FY(2019)</b>	<b>FY(2020)</b>
<b>Debt Service Payments:</b>		<b>Estimated</b>	<b>Budgeting</b>	<b>Planning</b>							
Debt Service Subtotal		0	0	0	0	0	0	0	0	0	0
<b>Capital Outlay</b>											
Small Capital Projects		0	0								
Infrastructure Improvements		0	0								
Equipment Rehabilitation		0	0								
Roof Replacements		0	0								
<b>Capital Improvements</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Project Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>DEBT SERVICES / PROJECTS TOTAL EXPENSES</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Cash on Hand 5/1		0	0	11	23	36	50	64	78	92	106
Gain/Loss FY		0	11	12	13	14	14	14	14	14	14
Cash on Hand 4/30		0	11	23	36	50	64	78	92	106	120

Budget 2011-2012  
 Sunnyside Lift Station  
 Fund 47 Capital Plan  
 Capital Projects Detail

		Actual FY 2009	Actual FY 2010	Approved FY 2011	Planning FY 2012
47 450010	GLEN ELLYN	-	-	-	11,000
<b>REVENUES</b>		-	-	-	11,000
<b>PRINCIPAL &amp; INTEREST TOTALS:</b>		-	-	0	0
47 580120	SMALL CAPITAL PROJECTS				0
47 580140	INFRASTRUCTURE IMPROVEMENTS				0
47 580150	PLANT EQUIPMENT REHABILITATION				0
<b>CAPITAL OUTLAY TOTALS:</b>		-	-	0	0
<b>PRINCIPAL &amp; INTEREST / CAPITAL OUTLAY TOTALS</b>		-	-	0	0

**FUND 47 (SUNNYSIDE LIFT STATION)  
CAPITAL FOOTNOTES**

- (1) **O&M Sinking Fund: (\$11,000)** – Yearly contribution based off FY11 budget discussions between the Villages of Lombard and Glen Ellyn. Expectations are that set contributions will continue into the future.

FY 2012  
Sinking Fund

**Fund 40  
Glenbard Plant**

		Actual FY09 Bdgt	Approved FY10 Bdgt	Approved FY 11 Bdgt	Estimated FY11 Bdgt	Planning FY 12 Bdgt
5966	Glenbard Plant Sinking Fund	1,800,000	2,000,000	2,200,000	2,200,000	1,467,400
	<b>Total</b>	<b>\$1,800,000</b>	<b>\$2,000,000</b>	<b>\$2,200,000</b>	<b>\$2,200,000</b>	<b>\$1,467,400</b>
	Glen Ellyn Flow Split - 47.587%	881,946	976,640	1,078,543	1,078,543	698,292
	Lombard Flow Split - 52.413%	918,054	1,023,360	1,121,457	1,121,457	769,108
	<b>Total Flow Split</b>	<b>\$1,800,000</b>	<b>\$2,000,000</b>	<b>\$2,200,000</b>	<b>\$2,200,000</b>	<b>\$1,467,400</b>

**Fund 41  
Lombard Plant**

5966	Lombard Plant Eq.Rpl. Fund			-	-	264,000
	<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$264,000</b>

**Fund 42  
North Regional Interceptor (NRI)**

5966	NRI-Eq. Rpl. Fund			-	-	151,800
	<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$151,800</b>
	Glen Ellyn Flow Split - 34.397%	-	-	-	-	52,215
	Lombard Flow Split - 65.603%	-	-	-	-	99,585
	<b>Total Flow Split</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>151,800</b>

**Fund 43  
South Regional Interceptor (SRI)**

5966	SRI-Eq. Rpl. Fund			-	-	68,200
	<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$68,200</b>

**Fund 44  
St. Charles Road Lift Station**

5966	St. Charles Road L.S.	-	-	-	-	147,400
	<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$147,400</b>

**Fund 45  
Valley View Lift Station**

5966	Vallley View L.S.	-	-	-	-	45,100
	<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$45,100</b>

**Fund 46  
SRI Lift Station**

5966	SRI Lift Station	-	-	-	-	45,100
	<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$45,100</b>

**Fund 47  
Sunnyside Lift Station**

5966	Sunnyside Lift Station	-	-	-	-	11,000
	<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,000</b>

<b>Total all Sinking Funds Revenue</b>		<b>\$1,800,000</b>	<b>\$2,000,000</b>	<b>\$2,200,000</b>	<b>\$2,200,000</b>	<b>\$2,200,000</b>
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<b>Total Glen Ellyn Sinking Funds Contribution to Reserve:</b>	<b>\$881,946</b>	<b>\$976,640</b>	<b>\$1,078,543</b>	<b>\$1,078,543</b>	<b>\$1,067,306</b>
<b>Total Lombard Sinking Funds Contribution to Reserve:</b>	<b>\$918,054</b>	<b>\$1,023,360</b>	<b>\$1,121,457</b>	<b>\$1,121,457</b>	<b>\$1,132,694</b>

**Glenbard Wastewater Authority**

**Sinking Fund Contributions**

Fiscal Year	Glenbard 84.6%		Lombard Plant 1
	VGE	VGL	
FY(1986)	\$ 28,027.13		\$ 3,9
FY(1987)	486,027.00		68,9
FY(1988)	242,987.00	282,256.00	73,8
FY(1989)	242,987.00	282,256.00	79,0
FY(1990)	243,519.00	323,236.00	84,4
FY(1991)	308,090.00	371,910.00	90,3
FY(1992)	253,884.00	296,485.00	75,6
FY(1993)	256,274.00	268,331.00	79,5
FY(1994)	265,659.00	341,029.00	83,4
FY(1995)	243,431.00	348,656.00	87,6
FY(1996)	256,157.00	335,727.00	92,0
FY(1997)	278,157.00	369,235.00	96,6
FY(1998)	237,362.00	476,938.00	101,4
FY(1999)	331,337.00	418,463.00	106,4
FY(2000)	401,631.00	491,876.00	126,7
FY(2001)	516,247.00	632,245.00	161,3
FY(2002)	608,349.00	698,803.00	185,4
FY(2003)	674,746.00	814,429.00	211,2
FY(2004)	718,811.00	816,454.00	217,7
FY(2005)	786,524.00	849,663.00	233,0
FY(2006)	849,633.00	908,422.00	249,4
FY(2007)	821,398.00	870,602.00	240,0
FY(2008)	729,051.00	762,949.00	216,0
FY(2009)	746,126.32	776,674.00	216,0
FY(2010)	826,237.44	865,762.56	264,0
FY(2011)	896,633.10	964,566.90	264,0
<b>TOTALS</b>	<b>12,249,284.99</b>	<b>12,602,401.56</b>	<b>3,443,9</b>

Fiscal Year	Division 40	Division 41	Fund 4
	Glenbard Plant 66.7%	Lombard Plant 12%	NRI 6.9
FY(2012)	1,467,400.00	264,000.00	151,8
FY(2013)	1,600,800.00	288,000.00	165,6
FY(2014)	1,734,200.00	312,000.00	179,4
FY(2015)	1,867,600.00	336,000.00	193,2
<b>Totals</b>	<b>\$ 31,168,569.98</b>	<b>\$ 27,369,370.02</b>	<b>\$ 7,841,8</b>

**NOTE:**

As a condition of Grant funding, the United States Environmental Protection Agency requires that be sure adequate funds are in place to replace equipment and maintain

The 1985 Fred P. Johnson and Associates study recommended that the Sinking Fund be increased by seven percent (7%) each year. The Johnson study projected the Sinking Fund to be

In FY1992, after analyzing likely FY1992 - FY1997 equipment replacement needs, it was determined that the Sinking Fund will be adequate. The Sinking Fund is shown as growing by five percent

A Facility Plan developed in FY(1998) caused the Glenbard Staff and the Sinking Fund to be increased by FY (2004). The Sinking Fund will also grow by 7% as suggested in the Facility Plan and modifications in conjunction with the facilities plan update done in FY(2004).

As a guideline for FY2011, GWA has utilized the latest fixed asset replacement schedule to adjust the percentage of funds allocated to each Division including

**Glenbard Wastewater Authority**  
**Summary of Projected Future Debt Service Payments**  
**As of May 1, 2012**

	<b>Lombard CSO Upgrade</b>	<b>Biosolids Improvement Project</b>	<b>Digester Project</b>	<b>Total Debt Service</b>
FY05	36,805			36,805
FY06	73,610	186,758		260,368
FY07	73,610	373,516		447,126
FY08	73,610	373,516		447,126
FY09	73,610	373,516		447,126
FY10	73,610	378,826		452,436
FY11	73,610	378,826	260,472	712,908
FY12*	73,610	378,826	520,945	973,381
FY13	73,610	378,826	520,945	973,381
FY14	73,610	378,826	520,945	973,381
FY15	36,805	378,826	520,945	936,576
FY16		189,413	520,945	710,358
FY17			520,945	520,945
FY18			520,945	520,945
FY19			520,945	520,945
FY20			520,945	520,945
FY21			520,945	520,945
FY22			520,945	520,945
FY23			520,945	520,945
FY24			520,945	520,945
FY25			520,945	520,945
			260,472	260,472
	<b>736,100</b>	<b>3,769,675</b>	<b>7,814,174</b>	<b>12,319,949</b>

**FINAL**

**FINAL**

**Estimated**

**Budget FY 2012**  
**Lombard CSO Upgrade Project** **FINAL**  
**IEPA Loan - Payback Schedule**

**Loan Amount:** **\$630,360**  
**Interest Rate:** 2.6750%  
**Total Value of Loan (Principal + Interest):** \$736,095

<u>Fiscal</u> <u>Year</u>	<u>Expense</u>	<u>Interest</u>	<u>Principal</u>	<u>Total Loan</u> <u>Payment</u>	<u>Remaining</u> <u>Balance</u>
FY 2004	\$736,095	\$0	\$0	\$0	\$736,095
FY 2005		\$8,589	\$28,216	\$36,805	\$699,290
FY 2006		\$16,040	\$57,570	\$73,610	\$625,680
FY 2007		\$14,489	\$59,121	\$73,610	\$552,070
FY 2008		\$12,898	\$60,712	\$73,610	\$478,460
FY 2009		\$11,263	\$62,347	\$73,610	\$404,850
FY 2010		\$9,582	\$64,028	\$73,610	\$331,240
FY 2011		\$7,860	\$65,750	\$73,610	\$257,630
FY 2012		\$6,088	\$67,522	\$73,610	\$184,020
FY 2013		\$4,270	\$69,340	\$73,610	\$110,410
FY 2014		\$2,404	\$71,206	\$73,610	\$36,800
FY 2015		\$485	\$36,315	\$36,800	\$0
<b>Totals</b>		\$93,968	\$642,127	\$736,095	\$0

The Executive Oversight Committee awarded a \$642,600 contract J. J. Henderson & Sons in September of 2001 for the rehabilitation of the Lombard CSO Plant. The New chlorine discharge limits lowered the residual regulation to 0.75 mg/L in 2001 for the Lombard plant. This meant the plant would need dechlorination equipment installed and revisions made to the chlorination system. The revisions have allowed for adequate disinfection of the wastewater, and compliance with permit requirements for discharged residual chlorine. Prior to the Lombard project, operations personnel would have to be physically at the plant to start up plant processes during a rain event. The rehabilitation work included the addition of automation which enables staff to start the Lombard equipment from either a SCADA system terminal at the main facility or from a remote site via the SCADA on-call laptop. The Authority obtained a ten-year loan from the IEPA State Revolving Loan Fund at 2.6750% interest. The project was completed in February of 2004 with construction costs totaling \$641,000.

<b>Budget FY 2012</b>	
<b>Biosolids Improvement Project</b>	<b>FINAL</b>
<b>IEPA Loan - Payback Schedule</b>	
<b>Current Amount Borrowed:</b>	<b>\$3,306,983</b>
<b>Interest Rate:</b>	<b>2.57%</b>
<b>Total Value of Loan (Principal + Interest):</b>	<b>\$3,769,678</b>

<u>Fiscal Year</u>	<u>Balance</u>	<u>Interest</u>	<u>Principal</u>	<u>Total Loan Payment</u>	<u>Remaining Balance</u>
	3,306,983				3,769,678
FY 2006	3,162,314	42,089	144,669	186,758	3,582,920
FY 2007	2,867,374	78,576	294,940	373,516	3,209,404
FY 2008	2,564,806	70,948	302,568	373,516	2,835,888
FY 2009	2,254,412	63,122	310,394	373,516	2,462,372
FY 2010	1,931,462	55,877	322,950	378,826	2,083,546
FY 2011	1,600,159	47,524	331,303	378,826	1,704,719
FY 2012	1,260,287	38,954	339,872	378,826	1,325,893
FY 2013	911,624	30,164	348,663	378,826	947,066
FY 2014	553,943	21,145	357,681	378,826	568,240
FY 2015	187,010	11,894	366,933	378,826	189,413
FY 2016	0	2,403	187,010	189,413	0
<b>Totals</b>		<b>\$462,695</b>	<b>\$3,306,983</b>	<b>\$3,769,678</b>	

The Executive Oversight Committee awarded the \$5,083,000 BIP contract to Dauro Co. Inc. of Lombard, IL in April of 2003. In June of 2003 the IEPA through its State Revolving Loan program awarded the Authority a loan in the amount of \$5,230,340. The original terms of the loan included a completion date of February 15, 2005 with the first repayment due on August 15, 2005. Due to poor contractor performance and delayed completion an extension was obtained with a completion date of July 1, 2005. In accordance with the new schedule the IEPA initiated closeout of the above amount with the first repayment due December 7, 2005.

January 2009 the IEPA sent out an amendment to the loan slightly changing the numbers based on the incorporation of dispersments since the last loan amendment.

<b>Budget FY 2012</b>	<b>Estimated</b>
<b>Anaerobic Digester</b>	
<b>PROJECTED</b>	
<b>IEPA Loan - Payback Schedule</b>	
<b>Current Amount Borrowed: \$6,483,000 including construction interest.</b>	
<b>Interest Rate: 2.5%</b>	
<b>Total Value of Loan (Principal + Interest): \$7,814,173</b>	

<u>Fiscal Year</u>	<u>Balance</u>	<u>Interest</u>	<u>Principal</u>	<u>Total Loan Payment</u>	<u>Remaining Balance</u>
	\$6,482,874.03				\$7,814,173.20
FY 2011	\$6,303,437.52	\$81,035.93	\$179,436.51	\$260,472.44	\$7,553,700.76
FY 2012*	\$5,937,807.59	\$155,314.95	\$365,629.93	\$520,944.88	\$7,032,755.88
FY 2013	\$5,562,979.77	\$146,117.06	\$374,827.82	\$520,944.88	\$6,511,811.00
FY 2014	\$5,178,722.70	\$136,687.81	\$384,257.07	\$520,944.88	\$5,990,866.12
FY 2015	\$4,784,799.15	\$127,021.33	\$393,923.55	\$520,944.88	\$5,469,921.24
FY 2016	\$4,380,965.97	\$117,111.70	\$403,833.18	\$520,944.88	\$4,948,976.36
FY 2017	\$3,966,973.86	\$106,952.77	\$413,992.11	\$520,944.88	\$4,428,031.48
FY 2018	\$3,542,567.26	\$96,538.28	\$424,406.60	\$520,944.88	\$3,907,086.60
FY 2019	\$3,107,484.18	\$85,861.80	\$435,083.08	\$520,944.88	\$3,386,141.72
FY 2020	\$2,661,456.04	\$74,916.74	\$446,028.14	\$520,944.88	\$2,865,196.84
FY 2021	\$2,204,207.51	\$63,696.35	\$457,248.53	\$520,944.88	\$2,344,251.96
FY 2022	\$1,735,456.32	\$52,193.69	\$468,751.19	\$520,944.88	\$1,823,307.08
FY 2023	\$1,254,913.10	\$40,401.66	\$480,543.22	\$520,944.88	\$1,302,362.20
FY 2024	\$762,281.22	\$28,313.00	\$492,631.88	\$520,944.88	\$781,417.32
FY 2025	\$257,256.58	\$15,920.24	\$505,024.64	\$520,944.88	\$260,472.44
FY 2026	\$0.00	\$3,215.86	\$257,256.58	\$260,472.44	\$0.00
<b>Totals</b>		\$1,331,299	\$6,482,874	\$7,814,173	

The EOC awarded an Anaerobic Digester Engineering Services Contract on August 10, 2005, for the design of an 80' Digester. This projected payback schedule is included to cover the required funding.

Position ClassificationNumber of Employees

	Salary Range	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12
Wastewater Manager	18	1	1	1	1	1	1	1
Data Tech PT	10	1	1	1	0	0	0	0
Seasonal Administrative Secretary						1	1	1
Administrative Secretary	10	1	1	1	1	1	1	1
<b>Totals</b>		<b>3</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>
Senior Operator	15	1	1	1	1	1	1	1
Plant Operator I / Lab Tech	12			0	1	0	0	0
Plant Operator I	12	2	3	4	2	2	2	2
Plant Operator II	11	2	1	0	0	0	0	0
Plant Operator III	10	0	0	0	0	0	0	0
Plant Operator IV	9	1	1	1	0	2	2	2
Operator-in-Training	7	0	0	0	2	0	0	0
Operator PT		6	5	5	5	5	5	5
Wastewater Laboratory	12	1	1	0	0	1	1	1
Seasonal / PT Laborer	7					2	2	2
<b>Totals</b>		<b>13</b>	<b>12</b>	<b>11</b>	<b>11</b>	<b>13</b>	<b>13</b>	<b>13</b>
Sr. Maintenance Mechanic	15	1	1	1	1	1	1	1
Maintenance Mechanic I	12			1	2	2	2	2
Maintenance Mechanic II	11	2	2	1	0	0	0	0
Maintenance Mechanic III	10			0	0	0	0	0
Seasonal Labor PT		2	2	2	2	0	0	0
<b>Totals</b>		<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>3</b>
Sr. Electronics Tech.	15	1	1	1	1	1	1	1
Electronic Technician	13	1	1	1	1	1	1	1
Plant Electrician	13					1	1	1
<b>Totals</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>
Total Full Time Employees		14	14	13	13	14	14	14
Total PT/Seasonal Employees		9	8	8	7	8	8	8
Total Full Time Equivalent (FTE)		15.9	15.9	14.9	14.3	15.8	15.8	15.8

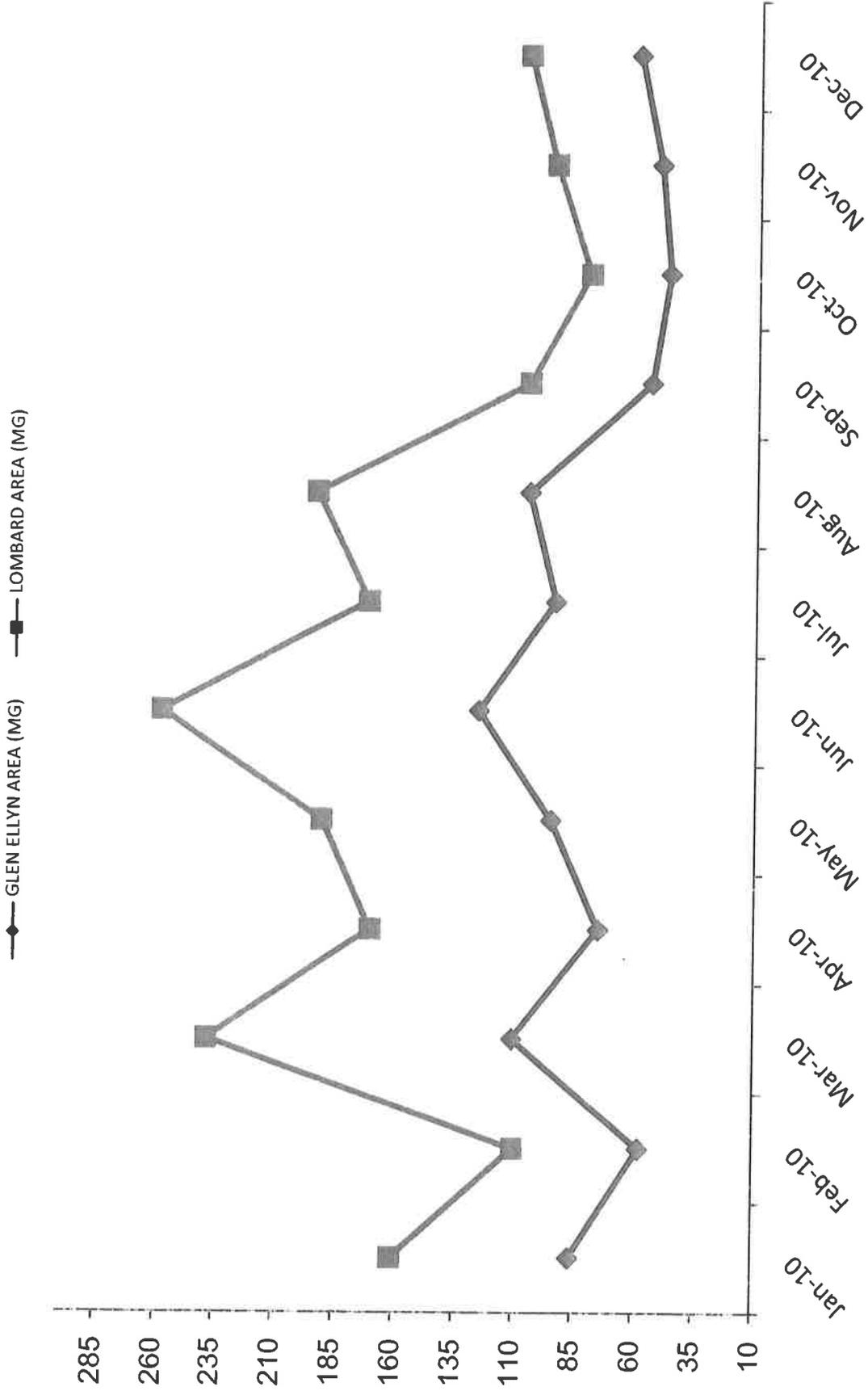
Village of Glen Ellyn  
Salary Tables - May 1, 2011 through April 30, 2012

Range	Annualized			Hourly		
	Min	Mid	Max	Min	Mid	Max
FY11/12 Salary Schedule Adjustment = 2.75%						
1	\$ 28,267	\$ 35,568	\$ 42,848	\$ 13.59	\$ 17.10	\$ 20.60
2	29,390	36,941	44,491	14.13	17.76	21.39
3	30,555	38,438	46,301	14.69	18.48	22.26
4	31,845	40,082	48,318	15.31	19.27	23.23
5	33,322	41,912	50,502	16.02	20.15	24.28
6	34,923	43,909	52,894	16.79	21.11	25.43
7	36,691	46,155	55,598	17.64	22.19	26.73
8	38,605	48,547	58,469	18.56	23.34	28.11
9	40,685	51,210	61,714	19.56	24.62	29.67
10	43,014	54,122	65,208	20.68	26.02	31.35
11	45,614	57,387	69,139	21.93	27.59	33.24
12	48,443	60,944	78,624	23.29	29.30	37.80
13	51,542	64,834	78,125	24.78	31.17	37.56
14	54,974	69,118	83,242	26.43	33.23	40.02
15	58,718	73,840	88,962	28.23	35.50	42.77
16	62,837	79,040	95,243	30.21	38.00	45.79
17	67,371	84,760	102,128	32.39	40.75	49.10
18	72,384	91,042	109,678	34.80	43.77	52.73
19	77,875	97,947	118,019	37.44	47.09	56.74
20	83,949	105,560	127,171	40.36	50.75	61.14
21	90,584	113,942	137,301	43.55	54.78	66.01
22	97,926	123,157	148,366	47.08	59.21	71.33
23	105,955	133,245	160,534	50.94	64.06	77.18

**TABLE 2. NORTH REGIONAL INTERCEPTOR -- GLEN ELLYN / LOMBARD SPLIT**

<b>MONTH</b>	<b>N.R.I. SUM TOTAL</b>	<b>GLEN ELLYN (MG)</b>	<b>% OF N.R.I.</b>	<b>LOMBARD (MG)</b>	<b>% OF N.R.I.</b>
Jan-09	195.803	73.978	37.782%	121.825	62.218%
Feb-09	308.964	105.089	34.013%	203.875	65.987%
Mar-09	371.268	145.697	39.243%	225.571	60.757%
Apr-09	393.890	138.971	35.282%	254.919	64.718%
May-09	306.751	106.008	34.558%	200.743	65.442%
Jun-09	252.287	77.43	30.691%	174.857	69.309%
Jul-09	153.738	52.942	34.437%	100.796	65.563%
Aug-09	174.411	56.764	32.546%	117.647	67.454%
Sep-09	132.172	45.79	34.644%	86.382	65.356%
Oct-09	242.575	83.073	34.246%	159.502	65.754%
Nov-09	208.029	70.533	33.905%	137.496	66.095%
Dec-09	283.071	100.298	35.432%	182.773	64.568%
Jan-10	247.114	86.164	34.868%	160.95	65.132%
Feb-10	167.864	57.71	34.379%	110.154	65.621%
Mar-10	349.177	110.827	31.739%	238.35	68.261%
Apr-10	245.508	75.118	30.597%	170.39	69.403%
May-10	285.865	95.078	33.260%	190.787	66.740%
Jun-10	384.226	125.814	32.745%	258.412	67.255%
Jul-10	265.846	93.868	35.309%	171.978	64.691%
Aug-10	298.827	105.184	35.199%	193.643	64.801%
Sep-10	160.098	54.62	34.117%	105.478	65.883%
Oct-10	127.913	47.403	37.059%	80.51	62.941%
Nov-10	146.605	51.429	35.080%	95.176	64.920%
Dec-10	167.225	60.607	36.243%	106.618	63.757%
<b>AVERAGE</b>	244.551	84.183	34.397%	160.368	65.603%

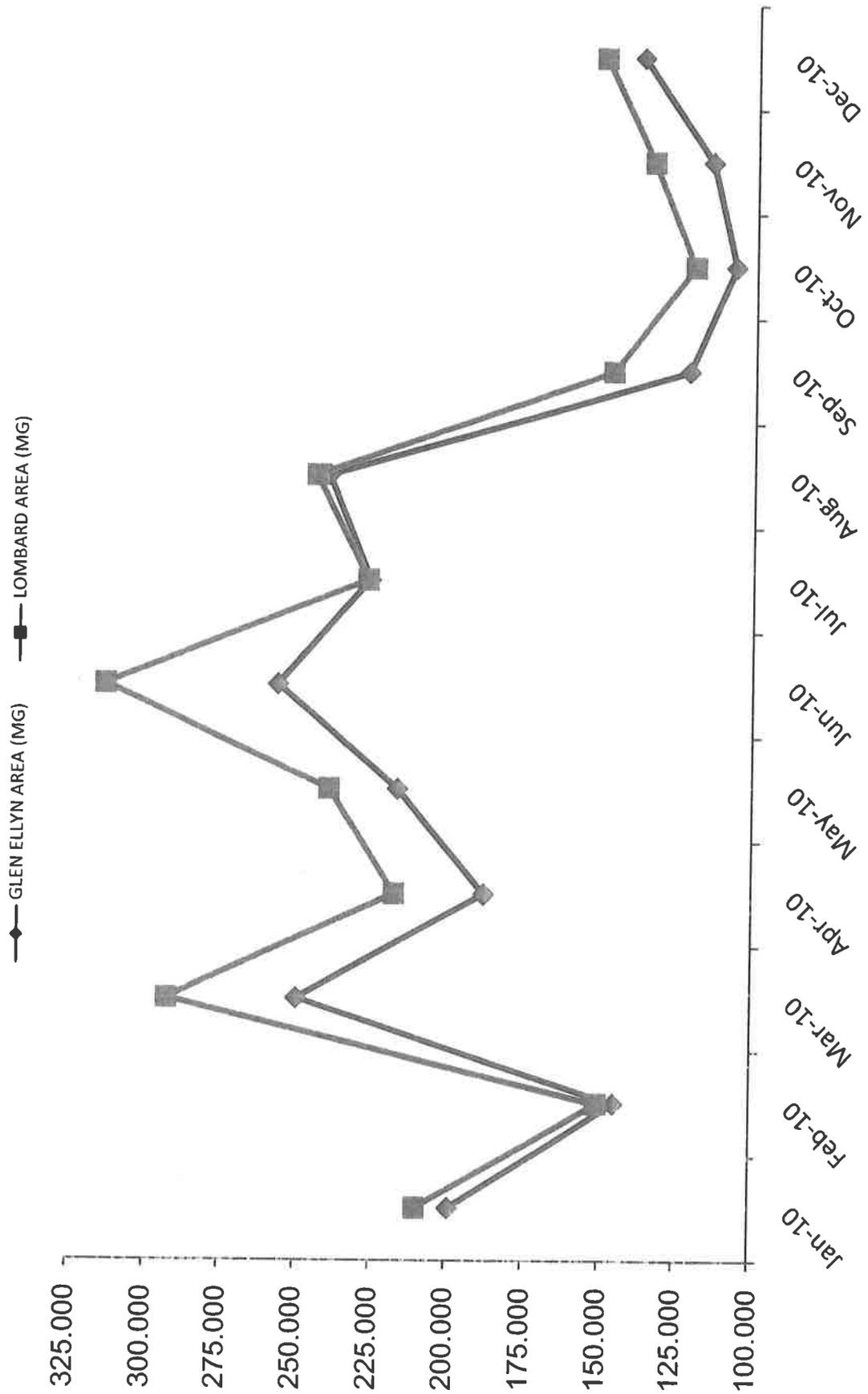
# NRI WASTEWATER FLOWS FOR FY12 BUDGET



**TABLE 1. TOTAL WASTEWATER FLOWS AND PERCENTAGES FOR FY 2012 BUDGET**

<b>MONTH</b>	<b>TOTAL AREA METERS (MG)</b>	<b>GLEN ELLYN AREA (MG)</b>	<b>PERCENT OF TOTAL</b>	<b>LOMBARD AREA (MG)</b>	<b>PERCENT OF TOTAL</b>
Jan-09	335.353	169.684	50.599%	165.669	49.401%
Feb-09	477.504	223.867	46.883%	253.637	53.117%
Mar-09	568.776	285.076	50.121%	283.700	49.879%
Apr-09	587.062	276.928	47.172%	310.134	52.828%
May-09	478.746	226.919	47.399%	251.827	52.601%
Jun-09	399.042	177.490	44.479%	221.552	55.521%
Jul-09	269.663	128.521	47.660%	141.142	52.340%
Aug-09	296.265	136.072	45.929%	160.193	54.071%
Sep-09	237.349	113.479	47.811%	123.870	52.189%
Oct-09	403.154	193.046	47.884%	210.108	52.116%
Nov-09	354.662	172.282	48.576%	182.380	51.424%
Dec-09	454.811	220.232	48.423%	234.579	51.577%
Jan-10	409.125	199.156	48.679%	209.969	51.321%
Feb-10	296.162	145.246	49.043%	150.916	50.957%
Mar-10	542.883	249.942	46.040%	292.941	53.960%
Apr-10	406.316	188.428	46.375%	217.888	53.625%
May-10	456.696	217.035	47.523%	239.661	52.477%
Jun-10	570.921	256.903	44.998%	314.018	55.002%
Jul-10	454.092	226.720	49.928%	227.372	50.072%
Aug-10	485.227	240.563	49.577%	244.664	50.423%
Sep-10	269.518	122.064	45.290%	147.454	54.710%
Oct-10	227.589	107.105	47.061%	120.484	52.939%
Nov-10	249.292	114.965	46.117%	134.327	53.883%
Dec-10	288.979	138.183	47.818%	150.796	52.182%
<b>AVERAGE</b>	396.633	188.746	47.587%	207.887	52.413%

# TOTAL WASTEWATER FLOWS FOR FY12 BUDGET



## Master Percentage Splits Summary

### Health Insurance & Overhead Fees

<u>Division</u>	<u>FY12 Budgeted Personnel Cost</u>	<u>%</u>	<u>Health Insurance</u>	<u>Overhead Fees</u>
270	1,307,700	95.25%	207,200	117,200
271	32,300	2.35%	5,100	2,900
272	7,500	0.55%	1,200	700
273	3,200	0.23%	500	300
274	13,400	0.98%	2,100	1,200
275	6,400	0.47%	1,000	600
276	1,200	0.09%	200	100
277	1,200	0.09%	200	100
	<u>1,372,900</u>	<u>100.0%</u>	<u>217,500</u>	<u>123,100</u>

### Liability Insurance

Workers Compensation Portion  
138,667

Property Portion (1/3)  
69,333

<u>Division</u>	<u>FY12 Budgeted Personnel Cost</u>	<u>%</u>	<u>WC Share</u>	<u>Asset Division %</u>	<u>Property Share</u>	<u>Budget Amount</u>
270	1,307,700	95.25%	132,081	66.7%	46,315	178,400
271	32,300	2.35%	3,262	12.0%	8,320	11,600
272	7,500	0.55%	758	6.9%	4,784	5,500
273	3,200	0.23%	323	3.1%	2,149	2,500
274	13,400	0.98%	1,353	6.7%	4,645	6,000
275	6,400	0.47%	646	2.0%	1,387	2,000
276	1,200	0.09%	121	2.0%	1,387	1,500
277	1,200	0.09%	121	0.5%	347	500
	<u>1,372,900</u>	<u>100.0%</u>	<u>138,667</u>	<u>100.0%</u>	<u>69,333</u>	<u>208,000</u>