



GLENBARD WASTEWATER AUTHORITY FY2011

A black and white photograph of a wastewater treatment facility. In the foreground, there is a large, rectangular aeration tank with a metal truss structure. Water is being aerated, creating a misty spray. In the background, there are several tall, bare trees and a utility tower. The sky is bright, and several birds are flying in the upper left quadrant.

OPERATIONS, MAINTENANCE AND CAPITAL PLAN

MAY 1, 2010 – APRIL 30, 2011

Erik Lanphier
Wastewater Manager
April, 2010





GLENBARD WASTEWATER AUTHORITY

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April 15, 2010

Trustee Michelle Z. Thorsell and
Members of the Glenbard Wastewater Authority Board
Glen Ellyn, Illinois 60137

Subject: May 1, 2010 - April 30, 2011 Glenbard Wastewater Authority Budget
(FY 2011)

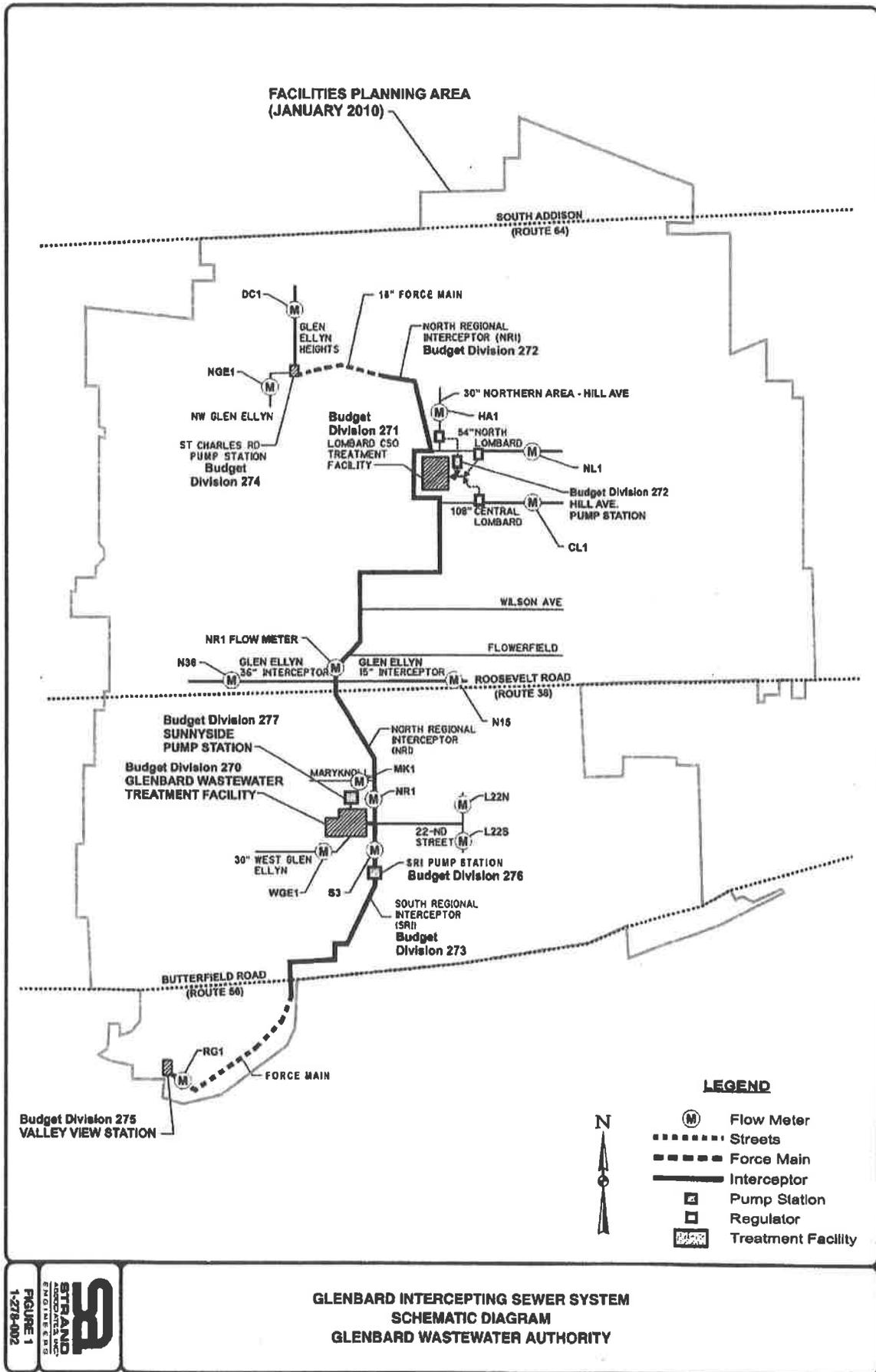
I am pleased to present for your review and consideration the proposed Glenbard Wastewater Authority (Authority) FY 2011 Budget. The Glenbard Team, with the help of the Village Managers, Public Works Directors, and Finance Directors developed the proposed budget that is being recommended for approval to the Glenbard Wastewater Authority Board. The proposed FY 2011 budget shows an overall increase of 11.76% compared to the approved FY 2010 budget. The budget reflects a substantial capital improvement plan with the closing of the Digester Improvement Project, the construction and closeout of the St. Charles Rd. Project, and the beginning of the Lombard Improvement Project. The proposed budget includes funding that will assure continued plant operation meeting regulatory standards, and 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 103,322 which is an increase of 212 (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

FIGURE 1



STRAND
 AECOM/AVEA, INC.
 ENGINEERS
 FIGURE 1
 1-278-002

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. During this budget year the Board will be requested to reconvene to amend the Glenbard Wastewater Authorities Intergovernmental Agreement.

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 1st to April 30th 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. All revenue except the payments from the individual Villages is intended to be placed in the Capital Fund (Fund 40) and used solely on capital projects. 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 funds and eight (8)

Capital funds. The additional funds were added to more accurately account for where the monies are being allocated to and withdrawn from. The accounting of the monies is most pertinent to projects, assets, contracts, and personnel. The following are the fund allocation numbers and the identification of the Operation and Maintenance funds;

- 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;

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

The intent is to utilize this redistribution of assets and funding to identify true needs in each respective fund. In FY2012 we are planning to utilize the data we gathered during FY2011 to begin an asset analysis study that will determine the actual values and depreciating values of the assets assigned to each division.

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:

	Actual FY 2009	Approved FY 2010	Proposed FY 2011
Div. 270 - Glenbard Plant	\$3,642,964	\$3,569,500	\$3,540,000
Div. 271 - Stormwater Plant	186,500	180,200	245,400
Div. 272 - N. Reg. Int.	49,887	27,800	21,000
Div. 273 - S. Reg. Int.	27,800	24,800	27,300
Div 274 – St. Charles L.S			62,500
Div 275 – Valley View L.S			21,300
Div 276 – SRI L.S			15,800
Div 277 – Sunnyside L.S			5,300
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	\$3,907,151	\$3,802,300	\$3,938,600

Proposed FY 2011 total Partner Allocation of expenses of \$6,031,800 as allocated to Glen Ellyn and Lombard are 11.76% (634,500) more than the approved FY 2010 budget. EOC agreed to reduce the operating reserves from 34% to 25% resulting in approximately \$212,000 being utilized as miscellaneous revenue in the Capital Account Division 40. The operating reserves are still viable with approximately \$985,000 remaining for FY 2011. The Staffing was indeed evaluated during the previous Fiscal year with an approval for hiring a plant electrician with the approval being sought through the EOC.

The six most significant cost centers in the proposed FY 2011 O&M budget are as follows:

1. **Personnel:** The FY 2011 proposed GWA team level is at 15.8 full time equivalents (FTE). Personnel costs for the past thirteen 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	\$1,138,000	15.8 (Estimated)
FY11	\$1,209,500		15.8 (Budgeted)

2. **Utilities:** Electric power, natural gas, water, and telecommunications comprise Utilities, the second largest cost area 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	\$957,900 (Estimated)
FY11	\$926,600 (Budgeted)

3. **Support** are separated and budgeted as Operations, Maintenance and Electrical. The FY 2010 support budget was \$308,700 and the FY 2011 budget is proposed at a cumulative amount of \$274,000. This includes the cost of specialized services that are

more effectively and/or efficiently contracted out than completed internally. Contracts range from \$150 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 \$273,000. 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 \$220,000. 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 \$145,000 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 divisions only three (3) of them have proposed projects, and only one (1) has historical value.

	Actual FY 2009	Approved FY 2010	Proposed FY 2011
Div. 40 - Glenbard Plant			
Debt Payment	\$ 448,000	\$ 453,000	\$1,021,000
Project Expenses	<u>\$4,902,000</u>	<u>\$5,183,000</u>	<u>\$1,252,000</u>
Total	\$5,350,000	\$5,636,000	\$2,273,000
Div. 41 - Stormwater Plant			
Debt Payment			\$ 74,000
Project Expenses			<u>\$1,189,000</u>
Total			\$1,263,000
Div. 44 - St. Charles L.S			
Debt Payment			\$ 0
Project Expenses			<u>\$2,000,000</u>
Total			\$2,000,000

Proposed FY 2011 capital expenses of \$5,536,000 are 59.2% (\$3,812,000) lower than the FY 2010 approved budget. The decrease reflects a plan to finish the Anaerobic Digester Project, and to construct and finish the St. Charles Road Lift Station Improvement Project as well as begin the Lombard Plant Upgrade Project.

ALLOCATION OF EXPENSES

The Villages of Lombard and Glen Ellyn split the expenses for system operation, maintenance, and equipment replacement and capital according to wastewater flows contributed to each of the divisions as depicted in Table 1 and Table 2 found in Section 19.

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 48.175 % (Glen Ellyn) and 51.825 % (Lombard) was used to estimate the FY 2011 expense allocation for the Glenbard Plant. A two-year average flow split of 36.005 % (Glen Ellyn) and 61.645 % (Lombard) was used to estimate the FY 2011 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 operating costs for the St. Charles Road Lift Station through billing to DuPage County and recuperates 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.

	Approved FY 2010	Proposed FY 2011
Village of Lombard	\$2,948,370	\$3,159,471
Village of Glen Ellyn	<u>\$2,448,930</u>	<u>\$2,872,353</u>
Total	\$5,397,300	\$6,031,800

The overall contribution by the two Villages has increased by \$634,500 or 11.76% more than the FY10 budget. The allocation to the Villages that support the O&M portion of the budget is \$3,831,800. The allocation to the Villages for support of the proposed Capital Fund is \$2,200,000 an amount that is \$200,000 or 10% higher than the approved FY 2010 budget.

CONCLUSION

The total proposed FY 2011 budget and comparisons are as follows:

	Actual FY 2009	Approved FY 2010	Estimated FY 2010	Proposed FY 2011
O&M	\$3,692,123	\$3,802,300	\$3,854,900	\$3,938,600
Capital	\$5,159,181	\$9,348,000	\$5,635,900	\$5,536,000
Total	\$8,851,304	\$13,150,300	\$9,490,800	\$9,474,600

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 2010-2011
All Funds
Expense allocation to partners**

APPROVED FY2010 EXPENSES ALLOCATED TO PARTNERS

	LOMBARD	GLEN ELLYN	TOTAL
Div. 270 -- Glenbard Plant	1,619,211	1,545,289	3,164,500
Div. 271 -- Storm Plant	180,200	0	180,200
Div. 272 -- North Reg. Int.	17,137	10,663	27,800
Div. 273 -- South Reg. Int.	0	24,800	24,800
Div. 274 -- Saint Charles Road L.S.	0	0	0
Div. 275 -- Valley View L.S.	0	0	0
Div. 276 -- SRI L.S.	0	0	0
Div. 277 -- Sunnyside L.S.	0	0	0
Sinking Fund Capital	1,131,822	868,178	2,000,000
TOTAL	2,948,370	2,448,930	5,397,300

ESTIMATED ACTUAL FY2010 EXPENSES ALLOCATED TO PARTNERS

	LOMBARD	GLEN ELLYN	TOTAL
Div. 270 -- Glenbard Plant	1,630,008	1,555,592	3,185,600
Div. 271 -- Storm Plant	205,400	0	205,400
Div. 272 -- North Reg. Int.	23,701	13,399	37,100
Div. 273 -- South Reg. Int.	0	21,800	21,800
Div. 274 -- Saint Charles Road L.S.	0	0	0
Div. 275 -- Valley View L.S.	0	0	0
Div. 276 -- SRI L.S.	0	0	0
Div. 277 -- Sunnyside L.S.	0	0	0
Sinking Fund Capital	1,131,822	868,178	2,000,000
TOTAL	2,990,931	2,458,969	5,449,900
FY2010 BUDGET OVER (UNDER)	42,561	10,039	52,600

PROPOSED FY2011 PARTNERS ALLOCATION

	LOMBARD	GLEN ELLYN	TOTAL
Div. 270 -- Glenbard Plant (page 4)	1,779,165	1,654,059	3,433,200
Div. 271 -- Storm Plant (page 11)	245,400	0	245,400
Div. 272 -- North Reg. Int. (page 15)	13,449	7,551	21,000
Div. 273 -- South Reg. Int. (page 19)	0	27,300	27,300
Div. 274 -- Saint Charles Road L.S. (page 23)	0	62,500	62,500
Div. 275 -- Valley View L.S. (page 27)	0	21,300	21,300
Div. 276 -- SRI L.S. (page 31)	0	15,800	15,800
Div. 277 -- Sunnyside L.S. (page 35)	0	5,300	5,300
Sinking Fund Capital (page 69)	1,121,457	1,078,543	2,200,000
TOTAL	3,159,471	2,872,353	6,031,800

Proposed FY 2011 Partners Allocation Compared to Approved Expenses Allocated to Partners FY 2010:	\$	211,101	423,423	634,500
	%	7.16%	17.29%	11.76%

Glenbard Wastewater Authority Budget 2010-2011 Operations & Maintenance					
SUMMARY BY DIVISION					
REVENUES	Actual FY2008	Actual FY2009	Approved FY2010	Estimated FY2010	Planning FY2011
Div. 270 -- Glenbard Plant	3,632,538	3,610,500	3,164,500	3,164,500	3,433,224
Interest O&M Fund	55,074	21,225	5,000	5,000	5,000
IRMA Reimbursement	178,639	0	0	0	0
Miscellaneous Revenue	34	46,230	0	0	0
ComEd CLR Rebate				66,097	101,776
Div. 271 -- Lombard CSO	186,000	189,000	180,200	180,200	245,400
Div. 272 -- North Regional Int.	34,250	34,900	27,800	27,800	21,000
Div. 273 -- South Regional Int.	26,350	27,800	24,800	24,800	27,300
Div. 274 -- Saint Charles Road L.S.	0	0	0	0	62,500
Div. 275 -- Valley View L.S.	0	0	0	0	21,300
Div. 276 -- SRI L.S.	0	0	0	0	15,800
Div. 277 -- Sunnyside L.S.	0	0	0	0	5,300
Total Revenues	4,112,885	3,929,655	3,402,300	3,468,397	3,938,600
EXPENSES	Actual FY2008	Actual FY2009	Approved FY2010	Estimated FY2010	Planning FY2011
Div. 270 --Glenbard Plant	3,459,321	3,457,918	3,569,500	3,590,600	3,540,000
Div. 271 -- Lombard CSO	122,268	159,584	180,200	205,400	245,400
Div. 272 -- North Regional Int.	31,183	49,640	27,800	37,100	21,000
Div. 273 -- South Regional Int.	15,807	24,981	24,800	21,800	27,300
Div. 274 -- Saint Charles Road L.S.	0	0	0	0	62,500
Div. 275 -- Valley View L.S.	0	0	0	0	21,300
Div. 276 -- SRI L.S.	0	0	0	0	15,800
Div. 277 -- Sunnyside L.S.	0	0	0	0	5,300
Total Expense	3,628,579	3,692,123	3,802,300	3,854,900	3,938,600
Income - Gain / (Loss)	484,306	237,532	(400,000)	(386,503)	0
Use of Available cash	0	0	400,000	386,503	0

Glenbard Wastewater Authority Budget 2010 - 2011 Total FY 2011 Budget					
	FY 2008 Actual	FY 2009 Actual	FY 2010 Approved	FY2010 Estimated	FY 2011 Planning
Operations & Maintenance (All Divisions)	\$3,628,579	\$3,692,123	\$3,802,300	\$3,854,900	\$3,938,600
Capital Costs (Expenses & Debt Repayment)	\$2,399,077	\$5,159,181	\$9,348,000	\$5,635,900	\$5,536,000
TOTAL	\$6,027,656	\$8,851,304	\$13,150,300	\$9,490,800	\$9,474,600

**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 22nd 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 split between the Villages for the Glenbard Plant is 52% Lombard flow and 48% Glen Ellyn flow.

In FY11, GWA is adding four additional Operational and Capital Divisions to the budget. With this addition, we have had to shift monetary allocations to each new division. The modified allocations will be described in the front of each section to help understand what was re-allocated to where.

In addition, allocations for Salaries, Health Insurance and Liability Insurance are distributed across all divisions based on the percentages outlined below:

270-Glenbard Plant	94.4%
271-Lombard CSO	2.4
272-North Regional Interceptor	0.5
273-South Regional Interceptor	0.5
274-St. Charles Rd L.S	1.0
275-Valley View L.S	0.5
276-SRI L.S	0.5
277-Sunnyside L.S	0.2

Division 270 modified allocations include:

~Salaries Regular – The reduction in FY11 salaries from FY10 is due to budgeting percentages of salaries to each division.

~Salaries Overtime – The reduction in FY11 O.T. in Div. 270 compared to FY10 is due to accounting for each new division.

~The Unemployment Tax is being accounted for as a result of removing the Custodial services provided under the Service Fee and contracting the services to a private company. After the initial year of covering a potential unemployment claim, the Authority will save approximately \$10,000 per year on the service. The janitorial service will only be responsible for the Glenbard Facility.

~Design Engineering Fees have increased from FY10 due to the Asset Analysis that will be used to formalize the additional divisions and the percentages that should be attributed based on current asset value.

~Flow Metering has been re-allocated to divisions of ownership. The changes will be evident within Glenbard Account 270-520981.

All other Div. 270 operational highlights will be described in O&M Budget Footnotes.

Budget 2010-2011 Operations & Maintenance Division 270 Glenbard Plant		REVENUE				
		Actual Revenues FY 2008	Actual Revenues FY 2009	Approved FY 2010	Estimated FY 2010	Planning FY 2011
Operation/Maintenance						
450010	Glen Ellyn Share (1)	1,822,856	1,759,031	1,545,289	1,545,289	1,654,059
450015	Lombard Share	1,809,682	1,851,469	1,619,211	1,619,211	1,779,165
	Partners Allocation	3,632,538	3,610,500	3,164,500	3,164,500	3,433,224
	IRMA Reimbursement	178,639	0	0	0	0
	Interest Income - O&M Fund	55,074	21,225	5,000	5,000	5,000
	ComEd CLR Program Rebate				66,097	101,776
	Miscellaneous Revenue	34	46,230	0	0	0
DIVISION 270		3,866,285	3,677,955	3,169,500	3,235,597	3,540,000

NOTE: The flow splits used to calculate 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, see Appendix page 70)

NOTE: The flow splits used to calculate the partner payments for FY 2010 are as follows:

Flow split for Glen Ellyn:

48.832%

Flow split for Lombard:

51.168%

(for 2 yrs. average ending 12/31/08)

All Divisions Operations & Maintenance Fund Cash Analysis

Available Cash April 30, 2009	1,583,414
FY2008/09 Partners Rebate ¹	(212,261)
FY2009/10 Estimated Inflow/(Outflow)	(386,503)
FY2010/11 Estimated Inflow/(Outflow)	-
Estimated Available Cash April 30, 2011	<u>984,650</u>
25% Minimum Working Cash	984,650
Working Cash Over/(Under) Minimum April 30, 2011	-

1. The EOC transferred a portion of the FY2008/09 Partner's rebate to the Equipment Replacement Fund.

Budget 2010-2011		EXPENSES					
Operations and Maintenance							
Division 270			Actual	Actual	Approved	Estimated	
Glenbard Plant			FY 2008	FY 2009	FY 2010	FY 2010	
Personnel Services						Planning	
						FY 2011	
510100	Salaries - Regular	1	788,802	797,198	924,000	844,000	914,500
510110	Salaries - Part-Time Ops.	2	31,703	40,671	40,000	50,000	45,000
510200	Salaries - Overtime	3	69,319	76,721	75,000	75,000	59,600
510300	Salaries - Temporary/Seasonal		13,829	14,104	21,500	21,500	21,500
510400	FICA		65,837	67,958	78,700	74,200	79,600
510500	IMRF	4	46,176	105,522	90,700	82,000	121,800
510600	State Unemployment Tax	5	0	0	0	0	11,700
	*ERI payout of \$48,000 included in FY09						
	Total		1,015,666	1,102,174	1,229,900	1,146,700	1,253,700
Contractual Services and Commodities							
520305	Employee Recognition		229	155	0	400	0
520600	Dues/Subs./Fees		7,396	8,353	9,000	9,000	9,000
520615	Recruiting/Testing		5,698	3,115	0	0	0
520620	Employee Education		12,718	19,077	12,000	12,000	11,300
520625	Travel (Mileage)		71	922	500	500	500
520700	Pro. Serv.-Legal		2,259	1,880	5,000	2,500	5,000
520750	Legal Notices		82	127	500	2,900	500
520775	Regulatory Fees		52,500	52,500	52,500	52,500	52,500
520776	TMDL Commitment		25,758	25,758	26,200	25,800	21,000
520806	Pro. Serv.-Lab.		37,041	16,003	20,000	23,000	15,000
520816	Design Engineering	6	5,940	17,650	10,000	10,000	20,000
520825	Audit Fees / Pro. Serv.-Acct.	7	9,600	14,804	15,000	14,200	15,000
520835	Bank Charges		0	30	0	0	0
520885	Insurance - Liability	8	82,723	102,674	181,000	189,700	167,800
520895	Insurance - Health	9	140,500	125,602	148,300	148,200	203,500
520970	Maint. - Bldg. & Grds.		9,638	9,491	11,400	12,000	9,000
520971	Bldg. & Grounds - Support	10	35,858	19,674	49,900	35,000	65,700
520975	Maint. - Equipment		38,884	40,277	44,800	45,000	41,200
520976	Maint. - Support		60,794	64,118	90,000	90,000	87,300
520980	Maint. - Electronics		54,790	43,140	70,000	99,000	99,800
520981	Elect. - Support		108,430	125,378	148,700	130,000	56,500
520990	Operations - Supplies		10,319	9,065	10,000	9,100	10,000
520991	Operations - Support		50,361	34,012	70,000	60,000	64,500
521130	Overhead Fees	11	227,000	234,700	234,700	230,800	116,700
521150	Sludge Disposal - Land Applied		154,760	199,811	200,000	235,000	220,000
521152	Sludge Disposal - Landfill		0	0	0	0	0
521195	Telecommunications		44,996	35,846	41,000	41,000	41,000
521201	Electric Power	12	934,014	769,137	600,000	700,000	650,000
521202	Natural Gas	13	156,165	166,314	100,000	100,000	120,000
521203	Water	14	48,970	49,605	40,000	36,300	40,000
521204	Self-Gen Gas		10,724	9,118	8,000	6,000	8,000
530100	Office Expenses		13,890	16,695	14,800	14,000	14,800
530106	Operating Supplies - Lab		14,082	16,904	15,000	15,000	15,000
530225	Safety		12,969	19,228	24,300	13,000	18,700
530440	Chemicals		70,494	97,786	80,000	75,000	80,000
530445	Uniforms	15	4,002	6,795	7,000	7,000	7,000
	Total		2,443,655	2,355,744	2,339,600	2,443,900	2,286,300
TOTAL DIVISION 270			3,459,321	3,457,918	3,569,500	3,590,600	3,540,000

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

- (1) **SALARIES: (\$914,500)** - 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 FY10 as follows:

270-Glenbard Plant	\$914,500
271-Lombard CSO	19,300
272-North Regional Interceptor	4,800
273-South Regional Interceptor	4,800
274-St. Charles Rd L.S	9,600
275-Valley View L.S	4,800
276-SRI L.S	4,800
277-Sunnyside L.S	<u>2,400</u>
 Total All Divisions	 \$965,000

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 8 years ago.

- (2) **SALARIES - PART-TIME OPERATORS: (\$45,000)** - 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 11 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: (\$59,600)** - Overtime has historically been budgeted at approximately 11% of regular wages. This year the budget number is at 6.5% of regular wages. This is an item that has been modified due to the tracking of the overtime and the accounting of time actually spent at the different divisions. With the new divisions in place for FY11 we are budgeting and accounting for the overtime where it is utilized.
- (4) **IMRF: (\$121,800)** – This represents a 26% increase over the FY10 budgeted number.
- (5) **UNEMPLOYMENT TAX: (\$11,700)** – The budgeted unemployment tax is a potential line item regarding the change in janitorial services currently provided by the Village of Glen Ellyn. GWA has opted to pull the janitorial services from the overhead fees so we may proceed with requesting proposals from janitorial service companies. The cost savings after the first year of potential unemployment tax will be approximately \$10,000 per year.
- (6) **PROFESSIONAL SERVICES – ENGINEERING: (\$20,000)** - 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.
- (7) **AUDIT FEES: (\$15,000)** – For the third 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 will be the last year for the single audit.

- (8) **INSURANCE LIABILITY: (\$167,800)** - 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 FY11 and an excess liability policy. This Line item is a 66% increase over the FY10 budget number. The increase is due to the projected costs associated with two items; one of our employees had been on workman's comp with an arm injury, and the other item that the insurance is using to compensate the pool was a settlement of a lawsuit. The liability insurance has been split between all divisions for FY11. Liability insurance consists of 2/3's Workman Comp costs and 1/3 Property insurance costs. The following are the percentages utilized to identify budget allocations.

270-Glenbard Plant	94.4%
271-Lombard CSO	2.4
272-North Regional Interceptor	0.5
273-South Regional Interceptor	0.5
274-St. Charles Rd L.S	1.0
275-Valley View L.S	0.5
276-SRI L.S	0.5
277-Sunnyside L.S	0.2

- (9) **INSURANCE – HEALTH (ALL): (\$203,500)** - Health care is provided through the Village of Glen Ellyn plan. The budget for FY11 reflects an increase of 73% over the FY10 budget number. This number reflects the Division 270 share of the program based on current employee enrollments.

270-Glenbard Plant	\$203,500
271-Lombard CSO	1,000
272-North Regional Interceptor	1,000
273-South Regional Interceptor	1,000
274-St. Charles Rd L.S	2,100
275-Valley View L.S	1,100
276-SRI L.S	1,100
277-Sunnyside L.S	500
	<hr/>
Total All Divisions	\$211,300

- (10) **MAINTENANCE – Support: (\$65,700)** - This line item reflects work previously budgeted in the Maintenance-Equipment line item. The most significant expenses included in this item in FY11 are the Cryo annual turnaround and maintenance costs (\$20,000), the engine service agreement on the Co-Gen (\$10,000), and vehicle maintenance costs (\$34,200) 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 FY11.
- (11) **OVERHEAD FEES: (\$116,700)** – Overhead fees have been adjusted this year as agreed upon between the Village of Glen Ellyn and the Village of Lombard.
- (12) **ELECTRIC POWER: (\$650,000)** - 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 a depreciating year, but not as significant as desired due to significant rain events. We are budgeting this year as an average of the budgeted and estimated spending for electrical power.
- (13) **NATURAL GAS: (\$120,000)** - GWA utilizes a broker to purchase gas on the open market. GWA will soon be putting online the *second* larger capacity boiler during the Anaerobic Digester Improvement project. These boilers are anticipated to 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.
- (14) **WATER: (\$46,000)** - Potable water used at GWA is purchased from the Village of Glen Ellyn. FY10 proposed expenses as shown, are for water charges only, assessed at the "Residential" average rate of (\$5.36/1000 gal.). The Village of Glen Ellyn is anticipating an increase in water rates due to the County Water Commission rate increase.
- (15) **CHEMICALS: (\$80,000)** - 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.

Division 271 modified allocations include:

~Maintenance Electronics account number 271-520980 shows a dramatic increase due to the addition of Flow Meter allocations moved to this line item from Division 270-520981. The following are the meters that were added:

- ~North Lombard (NL-1)
- ~Central Lombard (CL-1)
- ~Lombard North Regional Interceptor (LNR1)
- ~Hill Avenue (HA-1)
- ~Wilson
- ~L22 North & L22 South

~Liability Insurance has been added similar to how Health Insurance has been done in the past.

Budget 2010-2011

Operations & Maintenance

Division 271

Stormwater Plant & 22nd St. Interceptor

REVENUE

		Actual FY 2008	Actual FY 2009	Approved FY 2010	Estimated FY 2010	Planning FY 2011
Operation/Maintenance						
450015	Lombard Share	186,000	189,000	180,200	180,200	245,400
DIVISION 271		186,000	189,000	180,200	180,200	245,400

Budget 2010-2011

Operations & Maintenance

EXPENSES

Division 271

Lombard Stormwater Plant

			Actual FY 2008	Actual FY 2009	Approved FY 2010	Estimated FY 2010	Planning FY 2011
Personnel Services							
510100	Salary-Regular	1	3,934	18,432	19,100	25,800	19,300
510200	Overtime	2	5,026	11,241	7,000	7,000	7,000
510400	FICA		657	2,174	1,600	2,500	2,000
510500	IMRF		469	1,980	1,900	2,500	3,300
	Total		10,086	33,827	29,600	37,800	31,600
Operations & Maintenance							

520775	Regulatory Fees		20,000	20,000	23,000	20,000	23,000
520776	TMDL Commitment (Lombard)		0	0	0	0	3,100
520806	Pro. Serv.-Lab		0	0	0	0	0
520816	Design Engineering		0	0	0	0	0
520885	Insurance - Liability	3	0	0	0	0	9,400
520895	Insurance - Health		3,100	2,646	3,100	3,100	4,100
520970	Maint.-Bldgs.& Grnds.		6,421	5,516	13,200	17,000	11,600
520975	Maint.-Equipment		2,616	746	3,400	1,500	2,100
520980	Maint.-Electronics	4	2,426	2,395	5,400	5,400	45,100
521130	Overhead Fees		4,600	4,900	4,900	4,900	2,500
521195	Telecommunications		2,473	2,866	2,800	3,200	2,900
521125	Leased Equipment		0	0	0	0	0
521201	Electric Power		37,699	36,273	17,000	39,000	35,000
521202	Natural Gas		5,075	5,588	6,800	3,500	4,000
521203	Water		2,361	2,028	4,000	4,000	4,000
530105	Operations		0	268	2,000	1,000	2,000
	Total		66,771	62,958	85,600	102,600	148,800
Commodities							
530440	Chemicals		45,411	62,799	65,000	65,000	65,000
	Total		45,411	62,799	65,000	65,000	65,000
Total Division 271			122,268	159,584	180,200	205,400	245,400

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

- (1) **SALARIES: (\$19,300)** – The salaries for the new divisions were based on percentages broken out of historical data. This year we are budgeting 2% of total salaries to the Lombard Stormwater Facility.
- (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. This year we are budgeting 10% of the total overtime to the Lombard Stormwater Facility.
- (3) **INSURANCE LIABILITY: (\$9,400)** – The Liability insurance is now being allocated across all divisions. This is the same format that Health insurance follows only with different percentages due to the separation of Workman Comp and Property. This year we are budgeting 2.4% of the Workman Comp Liability, and 10% of the Property Liability insurance.
- (4) **MAINTENANCE ELECTRONICS: (\$45,100)** – The increase in this line item is due to the reallocation of Seven Flow Meters that were allocated to Div. 270. These Flow Meters represent 100% of Lombard flow.

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 lines 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, which means they carry both sanitary wastewater and storm water runoff. 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.

Division 272 modified allocations include:

- ~Maintenance Electronics account number 272-520980 shows an increase due to the addition of a Flow Meter allocation that moved to this line item from Division 270-520981. The following are the meter(s) that added:

- ~North Regional Interceptor (NRI)

- ~Liability Insurance has been added similar to how Health Insurance has been done in the past.

- ~Electric power has been removed from this line item and allocated to the divisions that actually utilize the power. The amount previously budgeted was to cover the costs for power at the St. Charles Road Lift Station and small flow meter sites.

Budget 2010-2011 Operations & Maintenance Division 272 North Regional Interceptor		REVENUE				
		Actual FY 2008	Actual FY 2009	Approved FY 2010	Esimated FY 2010	Planning FY 2011
Operation/Maintenance						
450015	Glen Ellyn Share	13,763	13,280	10,551	10,551	8,055
450010	Lombard Share	20,487	21,620	17,249	17,249	12,945
	Total	34,250	34,900	27,800	27,800	21,000
DIVISION 272		34,250	34,900	27,800	27,800	21,000

48,355
50 *6,645*

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

Budget 2010-2011
Operations & Maintenance
Division 272
North Regional Interceptor (NRI)

EXPENSES

			Actual FY 2008	Actual FY 2009	Approved FY 2010	Estimated FY 2010	Planning FY 2011
Personnel Services							
510100	Salary-Regular	1	1,804	13,585	4,800	12,700	4,800
510200	Overtime	2	1,586	1,216	1,200	1,400	1,200
510400	FICA		249	1080	400	1,000	500
510500	IMRF		175	1014	400	1,100	800
	Total		3,814	16,895	6,800	16,200	7,300
Operations & Maintenance							
520885	Insurance - Liability	3	0	0	0	0	5,700
520895	Insurance - Health		800	612	800	800	1,000
520970	Maint.-Bldgs. & Grnds.		175	178	700	1,600	0
520975	Maint.-Equipment		2,856	5,766	2,000	3,100	0
520980	Maint.-Electronics	4	681	711	3,200	500	6,400
521130	Overhead Fees		1,100	1,200	1,200	1,200	600
521195	Telecommunications		1,125	1,061	1,100	1,700	0
521125	Leased Equip.		0	0	0	0	0
521201	Electric Power		20,632	23,217	12,000	12,000	0
	Total		27,369	32,745	21,000	20,900	13,700
Total Div. 272	Total		31,183	49,640	27,800	37,100	21,000

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

- (1) **SALARIES: (\$4,800)** – The salaries for the new divisions were based on percentages pulled from historical data. This year we are budgeting .5% of total salaries to the North Regional Interceptor (NRI).
- (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. This year we are budgeting 1.7% of the total overtime to the North Regional Interceptor (NRI).
- (3) **INSURANCE LIABILITY: (\$5,700)** – The Liability insurance is now being allocated across all divisions. This is the same format that Health insurance follows only with different percentages due to the separation of Workman Comp and Property. This year we are budgeting .5% of the Workman Comp Liability, and 7.9% of the Property Liability insurance.
- (4) **MAINTENANCE ELECTRONICS: (\$7,300)** – The increase in this line item is due to the reallocation of One Flow Meter that had been allocated to Div. 270. This Flow Meter 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 1.5 miles to the SRI Pump Station which pumps the wastewater 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 treatment costs for Illinois-American Flow.

Division 273 modified allocations include:

- ~Maintenance Electronics account number 273-520980 shows a dramatic increase due to the addition of Flow Metering allocation that moved to this line item from Division 270-520981. The following are the meters that were added:

- ~South Regional Interceptor (S3)
- ~West Glen Ellyn (WGE-1)

- ~Telecommunications reflects decrease due to re-allocating flow meter phone line charges to the St. Charles Road Lift Station for the following flow meters:

- ~DuPage County-Glen Ellyn Heights (DC-1)
- ~Glen Ellyn 15" Line (N-15)
- ~Glen Ellyn 36" Line (N-36)
- ~North Glen Ellyn (NGE-1)
- ~Mary Knoll (MK-1)

- ~Liability Insurance has been added similar to how Health Insurance has been done in the past.

Budget 2010-2011						
Operations & Maintenance						
Division 273						
South Regional Interceptor		REVENUE				
		Actual	Actual	Approved	Estimated	Planning
		FY 2008	FY 2009	FY2010	FY 2010	FY 2011
Operation/Maintenance						
450010	Glen Ellyn Share	26,350	27,800	24,800	24,800	27,300
DIVISION 273		26,350	27,800	24,800	24,800	27,300

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

Budget 2009-2010
Operations & Maintenance
Division 273
South Regional Interceptor (SRI)

EXPENSES

			Actual FY 2008	Actual FY 2009	Approved FY 2010	Estimated FY 2010	Planning FY 2011
Personnel Services							
510100	Salary-Regular	1	1,804	4,195	4,800	2,500	4,800
510200	Overtime	2	0	1,162	1,000	500	1,000
510400	FICA		133	392	400	400	400
510500	IMRF		96	340	400	400	700
	Total		2,033	6,089	6,600	3,800	6,900
Operations & Maintenance							
520776	TMDL Commitment		0	0	0	0	2,100
520885	Insurance - Liability	3	0	0	0	0	3,200
520895	Insurance - Health		800	612	800	800	1,000
520970	Maint.-Bldgs.&Grnds.		350	178	1,000	500	0
520975	Maint.-Equipment		832	1,273	4,500	1,800	0
520980	Maint.-Electronics	4	392	2,883	3,200	1,200	13,500
521130	Overhead Fees		1,100	1,200	1,200	1,700	600
521195	Telecommunications		2,289	2,172	2,400	6,100	0
521125	Leased Equipment		0	0	0	800	0
521201	Electric Power		8,011	10,574	5,100	5,100	0
	Total		13,774	18,892	18,200	18,000	20,400
Total Division 273			15,807	24,981	24,800	21,800	27,300

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

- (1) **SALARIES: (\$4,800)** – The salaries for the new divisions were based on percentages pulled from historical data. This year we are budgeting .5% of total salaries to the South Regional Interceptor (SRI).
- (2) **SALARIES – OVERTIME: (\$1,000)** – 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. This year we are budgeting 1.4% of the total overtime to the South Regional Interceptor (SRI).
- (3) **INSURANCE LIABILITY: (\$3,200)** – The Liability insurance is now being allocated across all divisions. This is the same format that Health insurance follows only with different percentages due to the separation of Workman Comp and Property. This year we are budgeting .5% of the Workman Comp Liability, and 4.1% of the Property Liability insurance.
- (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 by onsite generation.

Division 274 modified allocations include:

~Maintenance Electronics account number 274-520980 shows a dramatic increase due to the addition of Flow Metering allocation that moved to this line item from Division 270-520981. The following are the meters that were added:

- ~DuPage County-Glen Ellyn Heights (DC-1)
- ~Glen Ellyn 15" Line (N-15)
- ~Glen Ellyn 36" Line (N-36)
- ~North Glen Ellyn (NGE-1)
- ~Mary Knoll (MK-1)

~Liability Insurance and Health Insurance are included as has been done in the other divisions.

~Electric Power was removed from Div. 272 NRI and re-allocated here to properly represent where the costs should be.

This is the first new division being added to appropriately allocate costs to assets within GWA.

Budget 2010-2011						
Operations & Maintenance						
Division 274						
St. Charles Road Lift Station		REVENUE				
		Actual FY 2008	Actual FY 2009	Approved FY2010	Estimated FY 2010	Planning FY 2011
Operation/Maintenance						
450010	Glen Ellyn Share					62,500
DIVISION 274		0	0	0	0	62,500

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

Budget 2010-2011
Operations & Maintenance
Division 274
St. Charles Road Lift Station

EXPENSES

		Actual FY 2008	Actual FY 2009	Approved FY 2010	Esitimated FY 2010	Planning FY 2011
Personnel Services						
510100	Salary-Regular	1				9,600
510200	Overtime	2				1,200
510400	FICA					800
510500	IMRF					1,400
	Total	0	0	0	0	13,000
Operations & Maintenance						
520885	Insurance - Liability	3				1,200
520895	Insurance - Health					2,100
520970	Maint.-Bldgs.&Grnds.					900
520975	Maint.-Equipment					1,500
520980	Maint.-Electronics	4				28,800
521130	Overhead Fees					1,200
521195	Telecommunications					1,800
521201	Electric Power					12,000
	Total	0	0	0	0	49,500
Total Division 274		0	0	0	0	62,500

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

- (1) **SALARIES: (\$9,600)** – The salaries for the new divisions were based on percentages pulled from historical data. This year we are budgeting 1.0% of total salaries to the St. Charles Rd Lift Station.
- (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. This year we are budgeting 1.7% of the total overtime to the St. Charles Rd. Lift Station.
- (3) **INSURANCE LIABILITY: (\$1,200)** – The Liability insurance is now being allocated across all divisions. This is the same format that Health insurance follows only with different percentages due to the separation of Workman Comp and Property. This year we are budgeting .5% of the Workman Comp Liability, and 0% of the Property Liability insurance.
- (4) **MAINTENANCE ELECTRONICS: (\$28,800)** – The increase in this line item is due to the reallocation of Five Flow Meters that had been allocated to Div. 270. These Flow Meters represent 100% of Glen Ellyn Flow.

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.

Division 275 modified allocations include:

~Being a new division, all allocated costs have been divided out of the Div. 270 Glenbard Plant or Div. 273 South Regional Interceptor (SRI).

~Liability Insurance and Health Insurance are included as has been done in the other divisions.

~Electric Power was removed from Div. 273 SRI and re-allocated here to properly represent where the costs should be allocated.

This is the second new division being added to appropriately allocate costs to assets within GWA.

Budget 2010-2011
Operations & Maintenance
Division 275
Valley View Lift Station

REVENUE

		Actual FY 2008	Actual FY 2009	Planning FY2010	Estimated FY 2010	Planning FY 2011
Operation/Maintenance						
450010	Glen Ellyn Share					21,300
DIVISION 275		0	0	0	0	21,300

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

Budget 2010-2011
Operations & Maintenance
Division 275
Valley View Lift Station

EXPENSES

		Actual FY 2008	Actual FY 2009	Approved FY 2010	Esitmated FY 2010	Planning FY 2011
Personnel Services						
510100	Salary-Regular	1				4,800
510200	Overtime	2				500
510400	FICA					400
510500	IMRF					700
	Total	0	0	0	0	6,400
Operations & Maintenance						
520885	Insurance - Liability	3				600
520895	Insurance - Health					1,100
520970	Maint.-Bldgs.&Grnds.					1,000
520975	Maint.-Equipment					4,500
520980	Maint.-Electronics					1,700
521130	Overhead Fees					600
521195	Telecommunications					300
521201	Electric Power					5,100
	Total	0	0	0	0	14,900
Total Division 275		0	0	0	0	21,300

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

- (1) **SALARIES: (\$4,800)** – The salaries for the new divisions were based on percentages pulled from historical data. This year we are budgeting .5% of total salaries to the Valley View Lift Station.

- (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. This year we are budgeting less than 1.0% of the total overtime to the Valley View Lift Station.

- (3) **INSURANCE LIABILITY: (\$600)** – The Liability insurance is now being allocated across all divisions. This is the same format that Health insurance follows only with different percentages due to the separation of Workman Comp and Property. This year we are budgeting .5% of the Workman Comp Liability, and 0% of the Property Liability insurance.

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.

Division 276 modified allocations include:

- ~Being a new division, all allocated costs have been divided out of the Div. 270 Glenbard Plant or Div. 273 South Regional Interceptor (SRI).

- ~Liability Insurance and Health Insurance are included as has been done in the other divisions.

- ~Electric power has been removed from Div. 273 SRI and re-allocated here to properly represent where the costs should be allocated to.

This is the third new division being added to appropriately allocate costs to assets within GWA.

Budget 2010-2011						
Operations & Maintenance						
Division 276						
SRI Lift Station		REVENUE				
		Actual	Actual	Planning	Estimated	Planning
		FY 2008	FY 2009	FY2010	FY 2010	FY 2011
Operation/Maintenance						
450010	Glen Ellyn Share					15,800
DIVISION 276		0	0	0	0	15,800

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

**Budget 2010-2011
 Operations & Maintenance
 Division 276
 SRI Lift Station**

EXPENSES

			Actual FY 2008	Actual FY 2009	Approved FY 2010	Esitmed FY 2010	Planning FY 2011
Personnel Services							
510100	Salary-Regular	1					4,800
510200	Overtime	2					500
510400	FICA						400
510500	IMRF						700
	Total		0	0	0	0	6,400
Operations & Maintenance							
520885	Insuranc - Liability	3					600
520895	Insuranc - Health						1,100
520970	Maint.-Bldgs.&Grnds.						0
520975	Maint.-Equipment						2,900
520980	Maint.-Electronics						1,700
521130	Overhead Fees						600
521195	Telecommunications						0
521201	Electric Power						2,500
	Total		0	0	0	0	9,400
Total Division 276			0	0	0	0	15,800

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

- (1) **SALARIES: (\$4,800)** – The salaries for the new divisions were based on percentages pulled from historical data. This year we are budgeting .5% of total salaries to the SRI Lift Station.

- (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. This year we are budgeting less than 1.0% of the total overtime to the SRI Lift Station.

- (3) **INSURANCE LIABILITY: (\$600)** – The Liability insurance is now being allocated across all divisions. This is the same format that Health insurance follows only with different percentages due to the separation of Workman Comp and Property. This year we are budgeting .5% of the Workman Comp Liability, and 0% of the Property Liability insurance.

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.

Division 277 modified allocations include:

~Being a new division, all allocated costs for Div. 277 have been divided out of the Div. 270 Glenbard Plant.

~Liability Insurance and Health Insurance are included as has been done in the other divisions.

This is the fourth new division being added to appropriately allocate costs to assets within GWA.

Budget 2010-2011						
Operations & Maintenance						
Division 277						
Sunnyside Lift Station		REVENUE				
		Actual	Actual	Planning	Estimated	Planning
		FY 2008	FY 2009	FY2010	FY 2010	FY 2011
Operation/Maintenance						
450010	Glen Ellyn Share					5,300
DIVISION 277		0	0	0	0	5,300

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

Budget 2010-2011
 Operations & Maintenance
 Division 277
 Sunnyside Lift Station

EXPENSES

			Actual FY 2008	Actual FY 2009	Approved FY 2010	Esitmated FY 2010	Planning FY 2011
Personnel Services							
510100	Salary-Regular	1					2,400
510200	Overtime						0
510400	FICA						200
510500	IMRF						300
	Total		0	0	0	0	2,900
Operations & Maintenance							
520885	Insurance - Liability	2					300
520895	Insurance - Health						500
520970	Maint.-Bldgs.&Grnds.						0
520975	Maint.-Equipment						500
520980	Maint.-Electronics						800
521130	Overhead Fees						300
521195	Telecommunications						0
	Total		0	0	0	0	2,400
Total Division 277			0	0	0	0	5,300

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

- (1) **SALARIES: (\$2,400)** – The salaries for the new divisions were based on percentages pulled from historical data. This year we are budgeting .25% of total salaries to the Sunnyside Lift Station.

- (2) **INSURANCE LIABILITY: (\$300)** – The Liability insurance is now being allocated across all divisions. This is the same format that Health insurance follows only with different percentages due to the separation of Workman Comp and Property. This year we are budgeting .2% of the Workman Comp Liability, and 0% of the Property Liability insurance.

Glenbard Treatment Facility
Division 40 Capital Plan

REVENUE in Thousands\$		FY(2008)	FY(2009)	FY(2010)	FY(2011)	FY(2012)	FY(2013)	FY(2014)	FY(2015)	FY(2016)	FY(2017)	FY(2018)	FY(2019)	FY(2020)
		Actual	Actual	Estimated	Budgeting	Planning								
1	Proceeds from Borrowing (A)	0	3350	3465	885	0	0	0	0	0	0	0	0	0
	Investment Income	189	56	19	18	7	8	10	12	14	14	0	0	0
	Glen Elyn Conn Fees	90	28	22	25	25	25	25	25	25	25	20	20	20
	Lombard Conn Fees	44	12	13	15	25	25	25	25	25	25	25	65	65
2	Miscellaneous Revenue (B)	1	3	212	10	10	10	10	10	10	10	10	170	170
3	O&M Sinking Fund (C)	1800	1800	2000	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
	Glen Elyn Repayment of Lombard Capital Div-44 Loan	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL REVENUE	2124	5249	5731	3153	2267	2268	2270	2272	2274	2277	2280	2465	2465
EXPENSES in Thousands\$		FY(2008)	FY(2009)	FY(2010)	FY(2011)	FY(2012)	FY(2013)	FY(2014)	FY(2015)	FY(2016)	FY(2017)	FY(2018)	FY(2019)	FY(2020)
	Interfund Transfer To Capital Division 41				0	74	74	74	37					
	Interfund Transfer To Capital Division 42				1263									
	Interfund Transfer To Capital Division 43				0									
	Interfund Transfer To Capital Division 44				2000									
	Interfund Transfer To Capital Division 45				0									
	Interfund Transfer To Capital Division 46				0									
	Interfund Transfer To Capital Division 47				0									
	IFT Subtotal	0	0	0	3263	74	74	74	37	0	0	0	0	0
Debt Service Payments:		Actual	Actual	Estimated	Budgeting	Planning								
4	CSO Project Debt Payment (P&I) - (See Div 41 Capital)	74	74	74	379	379	379	379	379	190	642	642	642	642
5	BLP Project Debt Payment (P & I)	374	374	379	642	642	642	642	642	642	642	642	642	642
6	Ana Digester Project Debt Payment (P & I)	448	448	453	1021	1021	1021	1021	1021	832	642	642	642	642
	Debt Service Subtotal	896	896	906	2042	2042	2042	2042	2042	1564	1326	1326	1326	1326
Capital Outlay														
7	Rolling Stock (6)				26	76	84	83	93	75	75	93	93	93
8	Small Capital Projects	33	136	62	65	100	100	100	100	100	100	100	100	100
9	ADS Flow Meter Upgrades (1)				73									
10	Infrastructure Improvements (2)	44	152	180	200	150	150	150	200	200	225	225	250	250
11	Roof Replacements (7)				60	100	50	50	55	32	186	63	50	60
12	Plant Equipment Rehabilitation (5)	239	226	260	108	150	200	200	300	300	300	300	300	300
13	Oxygen System Rehabilitation Plan				100	150								
14	Cypr 5 Yr Maintenance				130					150				
Capital Improvements														
15	Digester Improvements Project													
15	Engineering		277	466	50									
15	Construction	426	3663	3375	350									
16	O&M Manual Update				90	90	90	90	90					
17	Lombard CSO Improvements													
17	St. Charles Road Lift Station	29	44	67										
18	Future / Past Capital Improvements	25	185	600										
	Admin Building Extension Design/Construction													
	Elect Distribution Maint													
	Olor Control					100				125		125		125
	Phosphorus Removal													
	Intermediate Clarifier Trough Replacements													
	Sludge Pad Upgrade - Completed													
	Bar Screen Project - Completed													
	Biosolids Improvement Project - Completed	466								550	1500			
	-Complete Existing Work	14												
	-Resident Engineering Fees	355												
	Clarifier Drive Purchase - Completed	264												
	C/MMS - Completed	34												
	Lab Fire Suppression System Replacement	25	1											
	Project Total	1954	4902	5183	1252	966	674	1129	3338	1532	2386	1456	793	928
DEBT SERVICES / PROJECTS TOTAL EXPENSES		2402	5350	5636	2273	1987	1695	2150	4359	2364	3028	2098	1435	1570
	Cash on Hand 5/1	4919	4641	4540	4635	5515	5795	6368	6488	4401	4311	3560	3742	4772
	Gain/Loss FY	(278)	(101)	95	880	280	573	120	(2087)	(90)	(751)	182	1030	895
	Cash on Hand 4/30	4641	4540	4635	5515	5795	6368	6488	4401	4311	3560	3742	4772	5667

Budget 2010-2011
 Lombard Combine Sewerage Treatment Facility
 Division 40 Capital Plan
 Capital Projects Detail

	Actual FY 2008	Actual FY 2009	Approved FY 2010	Estimated FY 2010	Planning FY 2011
40 430020 IEPA BIO SOLIDS LOAN REVENUE					
40 440600 CONNECTION FEES - GLEN ELLYN	89,481	23,500	25,000	22,000	25,000
40 440601 CONNECTION FEES - LOMBARD	44,265	16,800	25,000	13,000	15,000
40 450025 O & M SINKING FUND	1,800,000	1,800,000	2,000,000	2,000,000	2,200,000
40 460100 INVESTMENT INCOME	189,406	24,000	5,000	19,000	18,000
40 480200 CAPITALIZED INTEREST					
40 480450 PROCEEDS FROM BORROWING	-	4,500,000	3,200,000	3,465,000	885,000
40 489000 MISCELLANEOUS REVENUE	872	-	11,000	212,300	10,000
40 489200 G/L ON SALE OF FIXED ASSETS					
REVENUES	2,124,024	6,364,300	5,266,000	5,731,300	3,153,000
INTERFUND TRANSFER TO CAPITAL DIV 41					1,263,000
INTERFUND TRANSFER TO CAPITAL DIV 42					-
INTERFUND TRANSFER TO CAPITAL DIV 43					-
INTERFUND TRANSFER TO CAPITAL DIV 44					2,000,000
INTERFUND TRANSFER TO CAPITAL DIV 45					-
INTERFUND TRANSFER TO CAPITAL DIV 46					-
INTERFUND TRANSFER TO CAPITAL DIV 47					-
IFT SUBTOTAL:					3,263,000
40 550050 IEPA CSO LOAN PRINCIPAL	60,712	62,300	64,000	64,000	-
40 550900 IEPA CSO LOAN INTEREST EXPENSE	12,897	11,300	10,000	10,000	-
40 550100 IEPA BIOSOLIDS LOAN PRINCIPAL	302,568	310,400	323,000	323,000	323,000
40 550950 IEPA BIOSOLIDS LOAN INT EXP	70,948	63,100	55,900	55,900	55,900
40 550110 IEPA DIGESTER PRINCIPAL	-	-	-	-	438,700
40 550960 IEPA DIGESTER INTEREST	-	-	-	-	203,400
40 IEPA DIGESTER CONSTRUCTION INTEREST			200,000	-	-
PRINCIPAL & INTEREST TOTALS:	447,125	447,100	652,900	452,900	1,021,000
CAPITAL OUTLAY:					
ADMIN BUILDING EXTENSION DESIGN					
40 520700 00301 BIOSOLIDS - LEGAL FEES					
40 540000 DEPRECIATION EXPENSE					
40 570155 ROLLING STOCK - VEHICLES		20,000	73,000	73,000	26,000
40 580120 SMALL CAPITAL PROJECTS	32,556	136,000	97,000	62,000	65,000
40 580120 ADS METER UPGRADE		36,200	78,000	78,000	73,000
40 580140 INFRASTRUCTURE UPGRADES	43,593	100,000	268,000	180,000	200,000
40 580140 00201 ROOF UPGRADES		97,200	52,000	22,000	60,000
40 580140 00301 BIOSOLIDS INFRASTR UPGRADES					
40 580140 00503 TELEPHONE SYSTEM					
40 580140 10501 ROADWAY RPRS & RESURFACING					
40 580150 PLANT EQUIPMENT REHABILITATION	238,946	200,000	289,000	260,000	108,000
40 580150 00501 CRYO R&M AND UPGRADES					
40 580150 00502 RAW SEWAGE PUMP SEAL					
40 580150 00504 SLIDE GATES					
40 580150 OXYGEN SYSTEM REHABILITATION		55,000			100,000
40 580150 00601 CRYO SYR MAINTENANCE					130,000
40 580150 00601 SCREW PUMP REHAB					
40 580220 BAR SCREEN PROJECT	466,146				
40 580231 BIOSOLIDS IMPROVEMENTS					
40 580231 00301 BIOSOLIDS IMPROVEMENTS	13,557				
40 580233 BIO PROJ LANDFILL HAULING FEES					
40 580233 00301 BIO PROJ LANDFILL HAULING FEES					
40 580235 BIO SOLIDS ENGINEER SERVICES					
40 580235 00301 BIO SOLIDS ENGINEER SERVICES	263,975	184,000			
40 580235 00801 BIO SOLIDS ENGINEER SERVICES					
40 580236 BIOSOLIDS IMPROV SCADA PROGRMG					
40 580236 00301 BIOSOLIDS IMPROV SCADA PROGRMG					
40 580237 BIOSOLIDS NTP-1	355,180				
40 580237 00301 BIOSOLIDS NTP-1					
40 580239 ANAEROBIC DIGESTER IMPROVEMENTS	426,016	4,316,000	3,850,000		
40 580239 ENGINEERING				466,000	50,000
40 580239 CONSTRUCTION				3,375,000	350,000
40 580260 CLARIFIER DRIVE PURCHASE	33,814	8,500			
40 580280 COMPUTERIZED MAINT MANAGEMENT	24,950				
40 580290 CRAS WASTE PUMP SYSTEM					
40 580360 ELECTRICAL DISTRIBUTION MAINT					
40 580365 ELECT DIST UPGRD LV/SNDFLTR BL					
40 580365 00402 REDUNDANT POWER FEED					
40 580400 GRIT CHAMBER REBUILD					
40 580405 GRIT REMOVAL PROCESS IMPRVMTS					
40 580405 00302 GRIT REMOVAL PROCESS IMPRVMTS					
40 580430 LAB FIRE SUPPRESSION SYS REPLC					
40 580450 LIFT STATION CONVY SYSTM REPAIR					
40 580450 00401 ST. CHARLES LIFT STATION	24,616	180,000	2,600,000	600,000	-
40 580450 00505 SRI MANHOLE PROJECT					
40 580470 LOMBARD CLARIFIER/WEIR STUDY	28,603			67,000	
40 580475 LOMBARD PLANT UPGRADES		105,000			
40 580600 FACILITIES PLAN UPDATE					
40 580600 00100 ODOR CONTROL					
40 580650 O & M MANUAL UPDATE					90,000
40 580650 SLUDGE PAD UPGRADE					
40 580650 00506 SLUDGE PAD UPGRADE					
	1,951,952	5,437,900	7,307,000	5,183,000	1,252,000
	2,399,077	5,885,000	7,959,900	5,635,900	2,273,000

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

- (1) **Proceeds From Borrowing: (\$3,465,000)** – GWA obtained an IEPA revolving loan for the Anaerobic Digester Project. The loan value was \$3,465,000. Construction for the project will span three fiscal years, with contributions anticipated (based on construction schedule) to be:

FY2009	\$3,350,000
FY2010	\$3,465,000
FY2011	\$885,000

- (2) **Miscellaneous Revenue: (\$212,300)** – Includes an estimated \$212,300 for the sale of rolling stock as well as FY2009 excess contributions from Glen Ellyn (\$110,344) and Lombard (\$101,917).

- (3) **Linking Fund (\$2,200,000)** – Dedicated contributions from both communities to support capital expenses. Joint accounts are split according to flow rate. Division split is based on FY2009 Audit Asset Analysis. Contributions are based on the following table:

Division	%	Glen Ellyn	Lombard
40 – Glenbard Plant	66.7%	\$706,920	\$760,480
41 – Lombard CSO	12.0%	\$0	\$264,000
42 – NRI	6.9%	\$54,823	\$96,977
43 – SRI	3.1%	\$68,200	\$0
44 – St. Charles L.S.	6.7%	\$147,400	\$0
45 – Valley View L.S.	2.0%	\$45,100	\$0
46 – SRI L.S.	2.0%	\$45,100	\$0
47 – Sunnyside L.S.	0.5%	\$11,000	\$0
Total	100%	\$1,078,543	\$1,121,457

In the FY2011 budget, contributions were based on the table above however, all funds will be put into the Division 40 account with each community deciding how to distribute their portion of the contribution to the individual funds.

- (4) **CSO Project Debt Payment: (\$0)** – Repayment of IEPA Loan for the 2001 rehabilitation of the Lombard CSO Plant. Costs associated with the debt repayment have been moved to Division 41.

(5) **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.

(6) **Anaerobic Digester Improvement Project Debt Payment: (\$642,000)** – 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 \$7,900,000 to be paid back over fifteen (15) years at an interest rate of 2.57%. Construction is anticipated to be completed near the end of FY2010. A \$200,000 construction loan interest payment that was anticipated to be paid as a lump sum payment in FY2011 has been incorporated into the 15 year payback schedule. The \$200,000 impact to the payback schedule increased the annual payment by approximately \$14,000. The additional \$7,000 annual increase is due to shifting the payback schedule to 15 whole payments versus FY2010 schedule that reflected 15 whole payment and two partial payments plus the \$200,000 lump sum payment.

(7) **Rolling Stock: (\$26,000)** – Replacement of a 2001 Dodge Grand Caravan.

(8) **Small Capital Projects: (\$65,000)** – Provides for small capital replacements. Planned projects for FY2011 include:

Software Upgrades (OS & Application)	\$10,000
SCADA UPS & Battery Replacement	\$10,000
Exit & Emergency Light Battery Replacement	\$10,000
SCADA System Upgrades	\$15,000
Workstation, Firewall Replacements	\$10,000
Concrete Roof Cap Repair - Dauro Deficient Work	\$10,000

(9) **ADS Flow Meter Upgrades: (\$73,000)** – This is the third year of a three year replacement program to upgrade deficient flow meters throughout the GWA facility. New meters provide more accurate readings that can communicate directly with our SCADA system.

(10) Infrastructure Improvements: (\$200,000) – Provides for various infrastructure improvements throughout the Glenbard Plant. Planned projects for FY2011 include:

HVAC Systems Replacement	\$7,000
Raw Magnetic Flow Meter Replacement	\$45,000
CRYO PLC Panel & Alarming	\$10,000
Design Build for the L-22A & B PLC Panels	\$50,000
Primary Sludge Pipe Re-Work - Dauro Deficient Work	\$30,000
Unox Inlet Channel	
Complete Pipe Gallery Concrete (Engineering)	\$10,000
Complete Pipe Gallery Concrete (Construction)	\$10,000
Road Repairs – Glenbard Plant Service Road Resurfacing	\$35,000
Fire Extinguisher Replacements/Standardization	\$3,000

(11) Roof Replacements: (\$100,000) – Replacement of the roofs at the Administration Building (R), Grit Building (C), and the Diversion Structure Stairwell (D-Stairs).

(12) Plant Equipment Rehabilitation: (\$108,000) – Provides for various plant equipment rehabilitations throughout the Glenbard Plant. Planned projects for FY2011 include:

UV Lamps/O-rings/Ballasts	\$20,000
Raw Influent Valve Reconditioning	\$30,000
No. 2 Upper Bearing Eval/Replacement	\$25,000
No. 2 Gearbox Reconditioning	\$7,000
Cryo	
Rehab Jamesbury Valves and Operators	\$14,000
Remove Turbine Cartridge Rehabilitation	\$5,200
Rehab Spare Rotors and Bull Gear for Compressor	\$4,500

(13) Oxygen System Rehabilitation Plan: (\$100,000) – Evaluation and update of the Cryogenic Oxygen Facility, inclusive of the Unox Deck.

(14) Cryo 5 Year Maintenance: (\$130,000) – Scheduled five year turnaround calibration and necessary replacements of instrumentation and valving associated with the Cryogenic Facility.

- (15) **Anaerobic Digester Project: (\$400,000)** – Closeout costs for the Anaerobic Digester Project. Most of the expenses will be associated with engineering fees for replacing the #3 digester floating cover.
- (16) **O&M Manual Update: (\$90,000)** – Part of a planned multi-year update of our Operation and Maintenance Manuals throughout the plant. The first year will focus on Biosolids.
- (17) **Lombard CSO Improvements Project: (\$0)** – Infrastructure improvements to the Lombard CSO Plant are expected to occur in FY2011. Costs associated with this project have been moved to Division 41.
- (18) **St. Charles Road Lift Station Improvements: (\$0)** – Reconstruction of the St. Charles Road Lift Station began in FY2010. Costs associated with this project have been moved to Division 44.

Lombard Combined Sewerage Treatment Facility
Division 41 Capital Plan

REVENUE in Thousands\$		FY(2011)	FY(2012)	FY(2013)	FY(2014)	FY(2015)	FY(2016)	FY(2017)	FY(2018)	FY(2019)	FY(2020)
		Budgeting	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning
1	Proceeds from Borrowing										
	Interfund Transfer From Capital Div 40										
	Investment Income	1263	74	74	74	37					
	Miscellaneous Revenue	0									
2	O&M Sinking Fund	0	0	0	0	0	0	0	0	0	0
	TOTAL REVENUE	1263	74	74	74	37	0	0	0	0	0
EXPENSES in Thousands\$											
Debt Service Payments:											
3	CSO Project Debt Payment (P & I)	74	74	74	74	37					
	Debt Service Subtotal	74	74	74	74	37	0	0	0	0	0
Capital Outlay											
	Small Capital Projects	0									
	Infrastructure Improvements	14									
	Equipment Rehabilitation	0									
	Roof Replacements	0									
Capital Improvements											
4	Lombard Weir Study/ Lombard Upgrades	1175									
	Engineering	0									
	Construction	0									
	Project Total	1189	0	0	0	0	0	0	0	0	0
DEBT SERVICES / PROJECTS TOTAL EXPENSES		1263	74	74	74	37	0	0	0	0	0
	Cash on Hand 5/1	0	0	0	0	0	0	0	0	0	0
	Gain/Loss FY	0	0	0	0	0	0	0	0	0	0
	Cash on Hand 4/30	0	0	0	0	0	0	0	0	0	0

Budget 2010-2011
 Lombard Combine Sewerage Treatment Facility
 Division 41 Capital Plan
 Capital Projects Detail

		Actual FY 2008	Actual FY 2009	Approved FY 2010	Estimated FY 2010	Planning FY 2011
41 450025	INTERFUND TRANSFER FROM CAPITAL DIV 40					1,263,000
41 450025	O & M SINKING FUND					
REVENUES						1,263,000
41 550050	IEPA CSO LOAN PRINCIPAL	-	-	-	-	64,000
41 550900	IEPA CSO LOAN INTEREST EXPENSE	-	-	-	-	10,000
PRINCIPAL & INTEREST TOTALS:						74,000
	SMALL CAPITAL PROJECTS					14,000
	INFRASTRUCTURE IMPROVEMENTS					
	EQUIPMENT REHABILITATION					
	ROOF REPLACEMENTS					
41 580475	LOMBARD WEIR STUDY/LOMBARD UPGRADES	-	-	-	-	1,175,000
						1,189,000
						1,263,000

Division 42
NRI

SRI

St. Charles L.S.

Valley View L.S.

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

- (1) **IFT from Division 40: (\$1,263,000)** – Fund transfer from total Capital contributions. These funds are 100% Lombard contributed.
- (2) **O&M Sinking Fund: (\$0)** – Yearly contribution based off Updated Asset Analysis Study to be performed in FY2011. Expectations are that set contributions will be established for the future.
- (3) **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.
- (4) **CSO Weir Study / Upgrades: (\$1,175,000)** – 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.

Budget 2010-2011

North Regional Interceptor

Division 42 Capital Plan

Capital Projects Detail

	Actual FY 2008	Actual FY 2009	Approved FY 2010	Estimated FY 2010	Planning FY 2011
INTERFUND TRANSFER FROM CAPITAL DIV 40	-	-	-	-	-
42 450025 O & M SINKING FUND	-	-	-	-	-
REVENUES	-	-	-	-	-
PRINCIPAL & INTEREST TOTALS:	-	-	-	-	-
SMALL CAPITAL PROJECTS					
INFRASTRUCTURE IMPROVEMENTS					
EQUIPMENT REHABILITATION					
ROOF REPLACEMENTS					
	-	-	-	-	-
	-	-	-	-	-

Division 43
SRI

Division 44
St. Charles L.S.

Division 45
Valley View L.S.

DIVISION 46
SRI L.S.

DIVISION 47
Sunnyside L.S.

**DIVISION 42 (NRI)
CAPITAL FOOTNOTES**

- (1) **IFT from Division 40: (\$0)** – Fund transfer from total Capital contributions. These funds are split based on 2 year average NRI flow data. FY2011 flow split is 36.005% Glen Ellyn and 63.995% Lombard.

- (2) **O&M Sinking Fund: (\$0)** – Yearly contribution based off Updated Asset Analysis Study to be performed in FY2011. Expectations are that set contributions will be established for the future.

Budget 2010-2011
 South Regional Interceptor
 Division 43 Capital Plan
 Capital Projects Detail

		Actual FY 2008	Actual FY 2009	Approved FY 2010	Estimated FY 2010	Planning FY 2011
	INTERFUND TRANSFER FROM CAPITAL DIV 40	-	-	-	-	-
43 450025	O & M SINKING FUND	-	-	-	-	-
REVENUES		-	-	-	-	-
		-	-	-	-	-
PRINCIPAL & INTEREST TOTALS:		-	-	-	-	-
	SMALL CAPITAL PROJECTS					
	INFRASTRUCTURE IMPROVEMENTS					
	EQUIPMENT REHABILITATION					
	ROOF REPLACEMENTS					
		-	-	-	-	-
		-	-	-	-	-

**DIVISION 43 (SRI)
CAPITAL FOOTNOTES**

- (1) **IFT from Division 40: (\$0)** – Fund transfer from total Capital contributions. These funds are 100% Glen Ellyn contributed.

- (2) **O&M Sinking Fund: (\$0)** – Yearly contribution based off Updated Asset Analysis Study to be performed in FY2011. Expectations are that set contributions will be established for the future.

Saint Charles Road Lift Station
Division 44 Capital Plan

REVENUE in Thousands\$		FY(2011)	FY(2012)	FY(2013)	FY(2014)	FY(2015)	FY(2016)	FY(2017)	FY(2018)	FY(2019)	FY(2020)
		Budgeting	Planning								
	Proceeds from Borrowing										
1	Interfund Transfer From Capital Div 40	2000									
	Investment Income	0									
	Miscellaneous Revenue	0									
2	O&M Sinking Fund	0	0	0	0	0	0	0	0	0	0
	TOTAL REVENUE	2000	0								
EXPENSES in Thousands\$											
	Debt Service Payments:										
		FY(2011)	FY(2012)	FY(2013)	FY(2014)	FY(2015)	FY(2016)	FY(2017)	FY(2018)	FY(2019)	FY(2020)
		Budgeting	Planning								
		0	0	0	0	0	0	0	0	0	0
	Debt Service Subtotal	0	0	0	0	0	0	0	0	0	0
	Capital Outlay										
	Small Capital Projects										
	Infrastructure Improvements	0									
	Equipment Rehabilitation	0									
	Roof Replacements	0									
	Capital Improvements										
3	St. Charles Lift Station	2000									
	Engineering	0									
	Construction	0									
	Project Total	2000	0								
	DEBT SERVICES / PROJECTS TOTAL EXPENSES	2000	0								
	Cash on Hand 5/1	0	0	0	0	0	0	0	0	0	0
	Gain/Loss FY	0	0	0	0	0	0	0	0	0	0
	Cash on Hand 4/30	0	0	0	0	0	0	0	0	0	0

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

- (1) **IFT from Division 40: (\$2,000,000)** – Fund transfer from total Capital contributions. These funds are 100% Glen Ellyn contributed.
- (2) **O&M Sinking Fund: (\$0)** – Yearly contribution based off Updated Asset Analysis Study to be performed in FY2011. Expectations are that set contributions will be established for the future.
- (3) **St. Charles Road Lift Station: (\$2,000,000)** – Complete replacement of the St. Charles Road Lift Station. The project will eliminate confined space entry and increase flow capacity from 7.5 MGD to 10.5 MGD.

Valley View Lift Station
Division 45 Capital Plan

REVENUE in Thousands\$		FY(2011)	FY(2012)	FY(2013)	FY(2014)	FY(2015)	FY(2016)	FY(2017)	FY(2018)	FY(2019)	FY(2020)
		Budgeting	Planning								
	Proceeds from Borrowing	0									
1	Interfund Transfer From Capital Div 40	0									
	Investment Income	0									
	Miscellaneous Revenue	0									
2	O&M Sinking Fund	0	0	0	0	0	0	0	0	0	0
	TOTAL REVENUE	0	0	0	0	0	0	0	0	0	0
EXPENSES in Thousands\$											
	Debt Service Payments:										
	Debt Service Subtotal	0	0	0	0	0	0	0	0	0	0
	Capital Outlay										
	Small Capital Projects	0									
	Infrastructure Improvements	0									
	Equipment Rehabilitation	0									
	Roof Replacements	0									
	Capital Improvements	0									
	Project Total	0	0	0	0	0	0	0	0	0	0
DEBT SERVICES / PROJECTS TOTAL EXPENSES		0	0	0	0	0	0	0	0	0	0
	Cash on Hand 5/1	0	0	0	0	0	0	0	0	0	0
	Gain/Loss FY	0	0	0	0	0	0	0	0	0	0
	Cash on Hand 4/30	0	0	0	0	0	0	0	0	0	0

Budget 2010-2011
 Valley View Lift Station
 Division 45 Capital Plan
 Capital Projects Detail

	Actual FY 2008	Actual FY 2009	Approved FY 2010	Estimated FY 2010	Planning FY 2011
INTERFUND TRANSFER FROM CAPITAL DIV 40	-	-	-	-	-
45 450025 O & M SINKING FUND	-	-	-	-	-
REVENUES	-	-	-	-	-
	-	-	-	-	-
PRINCIPAL & INTEREST TOTALS:	-	-	-	-	-
SMALL CAPITAL PROJECTS					
INFRASTRUCTURE IMPROVEMENTS					
EQUIPMENT REHABILITATION					
ROOF REPLACEMENTS					
	-	-	-	-	-
	-	-	-	-	-

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

- (1) **IFT from Division 40: (\$0)** – Fund transfer from total Capital contributions. These funds are 100% Glen Ellyn contributed.
- (2) **O&M Sinking Fund: (\$0)** – Yearly contribution based off Updated Asset Analysis Study to be performed in FY2011. Expectations are that set contributions will be established for the future.

Division 46
SRI L.S.

Division 47
Sunnyside L.S.

SRI Lift Station
Division 46 Capital Plan

REVENUE in Thousands\$		FY(2011)	FY(2012)	FY(2013)	FY(2014)	FY(2015)	FY(2016)	FY(2017)	FY(2018)	FY(2019)	FY(2020)
		Budgeting	Planning								
Proceeds from Borrowing		0									
Interfund Transfer From Capital Div 40	1	0									
Investment Income		0									
Miscellaneous Revenue		0									
O&M Sinking Fund	2	0	0	0	0	0	0	0	0	0	0
TOTAL REVENUE		0	0	0	0	0	0	0	0	0	0
EXPENSES in Thousands\$											
Debt Service Payments:											
		FY(2011)	FY(2012)	FY(2013)	FY(2014)	FY(2015)	FY(2016)	FY(2017)	FY(2018)	FY(2019)	FY(2020)
		Budgeting	Planning								
Debt Service Subtotal		0	0	0	0	0	0	0	0	0	0
Capital Outlay											
Small Capital Projects											
Infrastructure Improvements		0									
Equipment Rehabilitation		0									
Roof Replacements		0									
Capital Improvements		0									
Project Total		0	0	0	0	0	0	0	0	0	0
DEBT SERVICES / PROJECTS TOTAL EXPENSES		0	0	0	0	0	0	0	0	0	0
Cash on Hand 5/1		0	0	0	0	0	0	0	0	0	0
Gain/Loss FY		0	0	0	0	0	0	0	0	0	0
Cash on Hand 4/30		0	0	0	0	0	0	0	0	0	0

Budget 2010-2011
 SRI Lift Station
 Division 46 Capital Plan
 Capital Projects Detail

		Actual FY 2008	Actual FY 2009	Estimated FY 2010	Planning FY 2011
	INTERFUND TRANSFER FROM CAPITAL DIV 40	-	-	-	-
46 450025	O & M SINKING FUND	-	-	-	-
REVENUES		-	-	-	-
PRINCIPAL & INTEREST TOTALS:		-	-	-	-
	SMALL CAPITAL PROJECTS				
	INFRASTRUCTURE IMPROVEMENTS				
	EQUIPMENT REHABILITATION				
	ROOF REPLACEMENTS				
		-	-	-	-
		-	-	-	-

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

- (1) **IFT from Division 40: (\$0)** – Fund transfer from total Capital contributions. These funds are 100% Glen Ellyn contributed.
- (2) **O&M Sinking Fund: (\$0)** – Yearly contribution based off Updated Asset Analysis Study to be performed in FY2011. Expectations are that set contributions will be established for the future.

Budget 2010-2011
 Sunnyside Lift Station
 Division 47 Capital Plan
 Capital Projects Detail

		Approved FY 2008	Actual FY 2008	Actual FY 2009	Estimated FY 2010	Planning FY 2011
	INTERFUND TRANSFER FROM CAPITAL DIV 40	-	-	-	-	-
47 450025	O & M SINKING FUND	-	-	-	-	-
REVENUES		-	-	-	-	-
PRINCIPAL & INTEREST TOTALS:		-	-	-	-	-
	SMALL CAPITAL PROJECTS					
	INFRASTRUCTURE IMPROVEMENTS					
	EQUIPMENT REHABILITATION					
	ROOF REPLACEMENTS					
		-	-	-	-	-
		-	-	-	-	-

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

- (1) **IFT from Division 40: (\$0)** – Fund transfer from total Capital contributions. These funds are 100% Glen Ellyn contributed.

- (2) **O&M Sinking Fund: (\$0)** – Yearly contribution based off Updated Asset Analysis Study to be performed in FY2011. Expectations are that set contributions will be established for the future.

**Glenbard Wastewater Authority
Overall Cash Split Analysis
Capital Fund**

	Glen Ellyn	Lombard	Description
	\$ 1,966,464.00	\$ 2,573,460.00	FY09 Audit - Agreed split (4/30/2009)
	\$ 868,178.00	\$ 1,131,822.00	FY10 Contributions (Total GE=43.41%, Lom=56.59%)
	\$ 1,007,164.00	\$ 1,192,836.00	FY11 Contributions (Total GE=45.78%, Lom=54.22%)
	\$ 110,344.00	\$ 101,917.00	FY09 Excess Contribution (\$212,261 of \$241,192)
	\$ 22,400.00	\$ 13,000.00	FY10 Connection Fees (Est)
	\$ 8,204.00	\$ 10,696.00	FY10 Interest Income (based on FY10 contribution %)
	\$ 4,957.00	\$ 6,463.00	FY10 Miscellaneous Revenue (based on FY10 contribution %)
	\$ 25,000.00	\$ 15,000.00	FY11 Connection Fees (Est)
	\$ 8,240.00	\$ 9,760.00	FY11 Interest Income (based on FY11 contribution %)
	\$ 916.00	\$ 1,084.00	FY11 Miscellaneous Revenue (based on FY11 contribution %)
TOTAL	\$ 4,021,867.00	\$ 5,056,038.00	

	\$ (1,225,452.95)	\$ (945,283.05)	FY10 Expenses to Division 40
	\$ (668,669.00)	\$ (719,331.00)	FY11 Expenses to Division 40
	\$ -	\$ (1,263,000.00)	FY11 Expenses to Division 41
	\$ -	\$ -	FY11 Expenses to Division 42
	\$ (2,000,000.00)	\$ -	FY11 Expenses to Division 43
	\$ -	\$ -	FY11 Expenses to Division 44
	\$ -	\$ -	FY11 Expenses to Division 45
	\$ -	\$ -	FY11 Expenses to Division 46
	\$ -	\$ -	FY11 Expenses to Division 47
TOTAL	\$ (3,894,121.95)	\$ (2,927,614.05)	

\$ 127,745.05 \$ 2,128,423.95 CASH RESERVE on 4/30/2011

\$ 2,256,169.00 GWA CASH RESERVE on 4/30/2011

**Glenbard Wastewater Authority
Overall Cash Split Analysis
Capital Fund
FY2010 Estimated Expenses**

FY10 - Div 40	JOINT	GLEN ELLYN 48.83%	LOMBARD 51.17%	
Loans				
CSO (Lombard)			\$ 73,610.00	
Biosolids (Joint)	\$ 378,826.00			
Digester (Joint)	\$ -			
Capital Outlay				
Rolling Stock (Joint)	\$ 73,000.00			
Small Capital (Joint)	\$ 52,000.00			
Meter Upgrades (Joint)	\$ 78,000.00			
Small Capital (GE)		\$ -		
Small Capital (Lom)			\$ 10,000.00	1
Infrastructure Improvements (Joint)	\$ 144,000.00			
Roof Replacement (Joint)	\$ 22,000.00			
Infrastructure Improvements (GE)		\$ -		
Infrastructure Improvements (Lom)			\$ 35,900.00	2
Plant Rehabilitation (Joint)	\$ 157,000.00			
Plant Rehabilitation (GE)		\$ -		
Plant Rehabilitation (Lom)			\$ 103,400.00	3
Capital Improvements				
Digester Project (Joint)				
Engineering	\$ 466,000.00			
Construction	\$ 3,375,000.00			
CSO Project (LOM)			\$ 67,000.00	
St. Charles Lift Station (GE)		\$ 600,000.00		
SUBTOTAL	\$ 4,745,826.00	\$ 600,000.00	\$ 289,910.00	
IEPA LOAN	\$ (3,465,000.00)			
TOTAL	\$ 1,280,826.00	\$ 600,000.00	\$ 289,910.00	
Joint Split (GE=48.832%, LOM=51.168%)		\$ 625,452.95	\$ 655,373.05	
TOTAL		\$ 1,225,452.95	\$ 945,283.05	

1 - CSO Grit Airheader Relocation	\$ 10,000.00
2 - CSO Raw Flow Mag Meter Replacement	\$ 17,700.00
2 - CSO Raw Flow Mag Meter Associated Parts (piping, etc.)	\$ 8,600.00
2 - CSO Raw Flow Mag Meter Contract Installation	\$ 9,600.00
2 - Total	<u>\$ 35,900.00</u>
3 - CSO Bar Screen Rehabilitation - Parts	\$ 56,400.00
3 - CSO Bar Screen Rehabilitation - Installation	\$ 11,000.00
3 - CSO Grit Discharge Conveyor Replacement	\$ 36,000.00
3 - Total	<u>\$ 103,400.00</u>

**Glenbard Wastewater Authority
Overall Cash Split Analysis
Capital Fund
FY2011 Proposed Expenses**

FY11 - Div 40	JOINT	GLEN ELLYN 48.18%	LOMBARD 51.83%
Loans			
Biosolids (Joint)	\$ 379,000.00		
Digester (Joint)	\$ 642,000.00		
Capital Outlay			
Rolling Stock (Joint)	\$ 26,000.00		
Small Capital (Joint)	\$ 65,000.00		
Meter Upgrades (Joint)	\$ 73,000.00		
Infrastructure Improvements (Joint)	\$ 200,000.00		
Roof Replacement (Joint)	\$ 60,000.00		
Plant Rehabilitation (Joint)	\$ 108,000.00		
Cryo 5 Year Turnaround (Joint)	\$ 130,000.00		
Oxygen System Rehab (Joint)	\$ 100,000.00		
Capital Improvements			
Digester Project (Joint)			
Engineering	\$ 50,000.00		
Construction	\$ -		
Digester Cover	\$ 350,000.00		
O&M Manual Update	\$ 90,000.00		
SUBTOTAL	\$ 2,273,000.00	\$ -	\$ -
IEPA LOAN	\$ (885,000.00)		
TOTAL	\$ 1,388,000.00	\$ -	\$ -
Joint Split (GE=48.175%, LOM=51.825%)		\$ 668,669.00	\$ 719,331.00
TOTAL		\$ 668,669.00	\$ 719,331.00

Sinking Fund

**Division 40
Glenbard Plant**

		Actual FY08 Bdgt	Approved FY09 Bdgt	Estimated FY09 Bdgt	Approved FY10 Bdgt	Estimated FY10 Bdgt	Planning FY 11 Bdgt
5966	Glenbard Plant Sinking Fund	1,492,000	1,522,800	1,522,800	1,692,000	1,692,000	1,467,400
	Total	\$1,492,000	\$1,522,800	\$1,522,800	\$1,692,000	\$1,692,000	\$1,467,400
	Glen Ellyn Flow Split	729,051	746,126	746,126	826,237	826,237	706,920
	Lombard Flow Split	762,949	776,674	776,674	865,763	865,763	760,480
	Total Flow Split	\$1,492,000	\$1,522,800	\$1,522,800	\$1,692,000	\$1,692,000	\$1,467,400

**Division 41
Lombard Plant**

5966	Lombard Plant Eq. Rpl. Fund	240,000	216,000	216,000	240,000	240,000	264,000
	Total	\$240,000	\$216,000	\$216,000	\$240,000	\$240,000	\$264,000

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

5966	NRI-Eq. Rpl. Fund	42,000	37,800	37,800	42,000	42,000	151,800
	Total	\$42,000	\$37,800	\$37,800	\$42,000	\$42,000	\$151,800
	Glen Ellyn Flow Split	16,703	14,895	14,895	15,941	15,941	54,823
	Lombard Flow Split	25,297	22,905	22,905	26,059	26,059	96,977
	Total Flow Split	\$42,000	\$37,800	\$37,800	\$42,000	\$42,000	\$151,800

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

5966	SRI-Eq. Rpl. Fund	26,000	23,400	23,400	26,000	26,000	68,200
	Total	\$26,000	\$23,400	\$23,400	\$26,000	\$26,000	\$68,200

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

5966	St. Charles Road L.S.	-	-	-	-	-	147,400
	Total	\$0	\$0	\$0	\$0	\$0	\$147,400

**Division 45
Valley View Lift Station**

5966	Valley View L.S.	-	-	-	-	-	45,100
	Total	\$0	\$0	\$0	\$0	\$0	\$45,100

**Division 46
SRI Lift Station**

5966	SRI Lift Station	-	-	-	-	-	45,100
	Total	\$0	\$0	\$0	\$0	\$0	\$45,100

**Division 47
Sunnyside Lift Station**

5966	Sunnyside Lift Station	-	-	-	-	-	11,000
	Total	\$0	\$0	\$0	\$0	\$0	\$11,000

Total all Sinking Funds Revenue		\$1,800,000	\$1,800,000	\$1,800,000	\$2,000,000	\$2,000,000	\$2,200,000
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Total Glen Ellyn Sinking Funds Contribution to Reserve:		\$784,421	\$784,421	\$868,178	\$868,178	\$1,078,543
Total Lombard Sinking Funds Contribution to Reserve:		\$1,015,579	\$1,015,579	\$1,131,822	\$1,131,822	\$1,121,457

Glenbard Wastewater Authority
Budget 2010-2011
Sinking Fund Contributions

Fiscal Year	Division 40 Glenbard Plant 66.7%	Division 41 Lombard Plant 12%	Division 42 NRI 6.9%	Division 43 SRI 3.1%	Division 44 St. Charles Rd L.S. 6.7%	Division 45 Valley View L.S. 2%	Division 46 SRI L.S. 2%	Division 47 Sunnyside L.S. 5%	Actual Contributions	Proposed Funding	Accumulated Funding
FY(1986)	\$ 28,027.13	\$ 3,975.48	\$ 695.71	\$ 430.68				\$ 33,129.00		\$	
FY(1987)	486,027.00	68,940.00	12,064.50	7,468.50				574,500.00		607,629.00	
FY(1988)	520,120.80	73,776.00	13,910.80	7,992.40				614,800.00		1,222,429.00	
FY(1989)	556,498.80	78,936.00	13,813.80	8,551.40				657,800.00		1,880,229.00	
FY(1990)	595,330.20	84,444.00	14,777.70	9,148.10				703,700.00		2,583,929.00	
FY(1991)	637,122.60	90,372.00	15,815.10	9,790.30				753,100.00		3,337,029.00	
FY(1992)	533,064.60	75,612.00	13,232.10	8,191.30				630,100.00		3,967,129.00	
FY(1993)	560,129.83	79,451.04	13,903.93	8,607.20				662,082.00		4,629,221.00	
FY(1994)	587,970.00	83,400.00	14,595.00	9,035.00				695,000.00		5,324,221.00	
FY(1995)	617,580.00	87,600.00	15,330.00	9,490.00				730,000.00		6,054,221.00	
FY(1996)	648,459.00	91,980.00	16,096.50	9,964.50				766,500.00		6,820,721.00	
FY(1997)	681,030.00	96,600.00	16,905.00	10,465.00				805,000.00		7,625,721.00	
FY(1998)	714,870.00	101,400.00	17,745.00	10,985.00				845,000.00		8,470,721.00	
FY(1999)	750,402.00	106,440.00	18,627.00	11,531.00				887,000.00		9,357,721.00	
FY(2000)	893,376.00	126,720.00	22,176.00	13,728.00				1,056,000.00		10,413,721.00	
FY(2001)	1,137,037.54	161,281.92	28,224.34	17,472.21				1,344,016.00		11,757,737.00	
FY(2002)	1,307,152.06	185,411.64	32,447.04	20,086.26				1,545,097.00		13,302,834.00	
FY(2003)	1,489,174.88	211,230.48	36,965.33	22,883.30				1,760,254.00		15,063,088.00	
FY(2004)	1,535,264.96	217,768.08	38,109.41	23,591.54				1,814,734.00		16,877,822.00	
FY(2005)	1,642,842.32	233,027.28	40,779.77	25,244.62				1,941,894.00		18,819,716.00	
FY(2006)	1,757,841.64	249,339.24	43,634.37	27,011.75				2,077,827.00		20,897,543.00	
FY(2007)	1,692,000.00	240,000.00	42,000.00	26,000.00				2,000,000.00	4,000,000.00	22,897,543.00	
FY(2008)	1,522,800.00	216,000.00	37,800.00	23,400.00				1,800,000.00	3,600,000.00	24,697,543.00	
FY(2009)	1,522,800.00	216,000.00	37,800.00	23,400.00				1,800,000.00	2,545,266.00	26,497,543.00	
FY(2010)	1,692,000.00	240,000.00	42,000.00	26,000.00				2,000,000.00	2,723,434.00	28,497,543.00	
FY(2011)	1,467,400.00	264,000.00	151,800.00	68,200.00	147,400.00	45,100.00	45,100.00	2,200,000.00	2,914,075.00	30,697,543.00	
FY(2012)											
FY(2013)											
FY(2014)											
FY(2015)											
Totals	\$25,576,321.38	\$3,683,705.16	\$750,248.40	\$438,668.06	\$ 147,400.00	\$ 45,100.00	\$ 45,100.00	\$ 30,697,543.00	\$15,782,775.00	\$302,334,226.00	

NOTE: As a condition of grant funding, the United States Environmental Protection Agency required that an equipment replacement fund be established. The purpose of the replacement fund is to be sure adequate funds are in place to replace equipment and make improvements as they are needed.

The 1985 Fred P. Johnson and Associates study recommended that a seven percent (7%) Sinking Fund be set up for equipment replacement. That meant that the fund would grow by seven percent (7%) each year. The Johnson study projected the Sinking Fund through FY 1991.

In FY1992, after analyzing likely FY1992 - FY1997 equipment replacement needs, Glenbard Staff and the Executive Oversight Committee concluded that a five percent (5%) Sinking Fund will be adequate. The Sinking Fund is shown as growing by five percent (5%) from FY1992 - FY1999.

A Facility Plan developed in FY(1998) caused the Glenbard Staff and the Executive Oversight Committee to commit to increasing the Sinking Fund to the Fred Johnson calculated values by FY (2004). The Sinking Fund will also grow by 7% as suggested by Fred Johnson's 1985 Study starting in FY (2002). The Sinking Fund was re-evaluated to reflect current upgrades and modifications in conjunction with the facilities plan update done by Strand Associates in FY2007.

During FY2011 an RFP will be generated for an asset analysis that will modify the percentages slightly. As a guideline for FY2011, GWA has utilized the latest fixed asset balance sheet to adjust the percentage of funds allocated to each Division including existing.

**Glenbard Wastewater Authority
Summary of Projected Future Debt Service Payments
As of May 1, 2011**

	Lombard CSO Upgrade	Biosolids Improvement Project	Digester Project	Total Debt Service
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	641,345	1,093,781
FY12	73,610	378,826	641,345	1,093,781
FY13	73,610	378,826	641,345	1,093,781
FY14	73,610	378,826	641,345	1,093,781
FY15	36,805	378,826	641,345	1,056,976
FY16		189,413	641,345	830,758
FY17			641,345	641,345
FY18			641,345	641,345
FY19			641,345	641,345
FY20			641,345	641,345
FY21			641,345	641,345
FY22			641,345	641,345
FY23			641,345	641,345
FY24			641,345	641,345
FY25			641,345	641,345
	736,100	3,769,675	9,620,175	14,125,950

FINAL

FINAL

Estimated

Budget FY 2011
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
Totals		\$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.

Budget FY 2011
Biosolids Improvement Project **FINAL**

IEPA Loan - Payback Schedule
Current Amount Borrowed: \$3,130,711
Interest Rate: 2.57%
Total Value of Loan (Principal + Interest): \$3,769,678

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

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.

Budget FY 2011**Anaerobic Digester****PROJECTED****IEPA Loan - Payback Schedule****Current Amount B: \$7,700,000 + \$200,000 construction interest = \$7,900,000****Interest Rate: 2.57%****Total Value of Loan (Principal + Interest): \$9,620,175**

<u>Fiscal Year</u>	<u>Balance</u>	<u>Interest</u>	<u>Principal</u>	<u>Total Loan Payment</u>	<u>Remaining Balance</u>
FY 2010	\$7,900,000				\$9,620,175
FY 2011	\$7,461,685	\$203,030	\$438,315	\$641,345	\$8,978,830
FY 2012	\$7,012,105	\$191,765	\$449,580	\$641,345	\$8,337,485
FY 2013	\$6,550,971	\$180,211	\$461,134	\$641,345	\$7,696,140
FY 2014	\$6,077,986	\$168,360	\$472,985	\$641,345	\$7,054,795
FY 2015	\$5,592,846	\$156,204	\$485,141	\$641,345	\$6,413,450
FY 2016	\$5,095,237	\$143,736	\$497,609	\$641,345	\$5,772,105
FY 2017	\$4,584,839	\$130,948	\$510,397	\$641,345	\$5,130,760
FY 2018	\$4,061,325	\$117,830	\$523,515	\$641,345	\$4,489,415
FY 2019	\$3,524,356	\$104,376	\$536,969	\$641,345	\$3,848,070
FY 2020	\$2,973,587	\$90,576	\$550,769	\$641,345	\$3,206,725
FY 2021	\$2,408,663	\$76,421	\$564,924	\$641,345	\$2,565,380
FY 2022	\$1,829,221	\$61,903	\$579,442	\$641,345	\$1,924,035
FY 2023	\$1,234,886	\$47,011	\$594,334	\$641,345	\$1,282,690
FY 2024	\$625,278	\$31,737	\$609,608	\$641,345	\$641,345
FY 2025		\$16,070	\$625,275	\$641,345	\$0
Totals	\$66,932,985	\$1,720,178	\$7,899,997	\$9,620,175	\$0

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

Village of Glen Ellyn
Salary Tables - May 1, 2010 through April 30, 2011

Range	Annualized			Hourly		
	Min	Mid	Max	Min	Mid	Max
FY10/11 Salary Schedule Adjustment = 2.5%						
1	\$ 27,526	\$ 34,624	\$ 41,700	\$ 13.23	\$ 16.65	\$ 20.05
2	28,216	35,922	43,280	13.57	17.27	20.81
3	29,733	37,394	45,054	14.29	17.98	21.66
4	31,010	39,017	47,002	14.91	18.76	22.60
5	32,438	40,791	49,144	15.60	19.61	23.63
6	33,974	42,739	51,481	16.33	20.55	24.75
7	35,706	44,903	54,100	17.17	21.59	26.01
8	37,567	47,240	56,913	18.06	22.71	27.36
9	39,622	49,858	60,072	19.05	23.97	28.88
10	41,873	52,671	63,470	20.13	25.32	30.51
11	44,383	55,831	67,278	21.34	26.84	32.35
12	47,153	59,315	71,455	22.67	28.52	34.35
13	50,161	63,102	76,021	24.12	30.34	36.55
14	53,494	67,256	81,019	25.72	32.33	38.95
15	57,129	71,866	86,581	27.47	34.55	41.63
16	61,154	76,929	92,683	29.40	36.99	44.56
17	65,569	82,491	99,392	31.52	39.66	47.78
18	70,438	88,593	106,749	33.86	42.59	51.32
19	75,783	95,323	114,842	36.43	45.83	55.21
20	81,690	102,724	123,758	39.27	49.39	59.50
21	88,161	110,882	133,604	42.38	53.31	64.23
22	95,302	119,863	144,402	45.82	57.63	69.42
23	103,135	129,687	156,239	49.58	62.35	75.12

TABLE 1. TOTAL WASTEWATER FLOWS AND PERCENTAGES FOR FY 2011 BUDGET

MONTH	TOTAL AREA METERS (MG)	GLEN ELLYN AREA (MG)	PERCENT OF TOTAL	LOMBARD AREA (MG)	PERCENT OF TOTAL
Jan-08	390.551	201.27	51.535%	189.281	48.465%
Feb-08	433.574	206.95	47.730%	226.628	52.270%
Mar-08	490.831	237.00	48.286%	253.829	51.714%
Apr-08	489.150	239.393	48.941%	249.757	51.059%
May-08	474.594	220.312	46.421%	254.282	53.579%
Jun-08	389.272	191.552	49.208%	197.720	50.792%
Jul-08	299.592	141.628	47.274%	157.964	52.726%
Aug-08	231.887	110.984	47.861%	120.903	52.139%
Sep-08	452.168	229.790	50.820%	222.378	49.180%
Oct-08	302.221	148.309	49.073%	153.912	50.927%
Nov-08	262.700	127.941	48.702%	134.759	51.298%
Dec-08	519.743	245.398	47.215%	274.345	52.785%
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%
AVERAGE	399.945	192.672	48.175%	207.273	51.825%

TOTAL WASTEWATER FLOWS FOR FY11 BUDGET

— GLEN ELLYN AREA (MG) — LOMBARD AREA (MG)

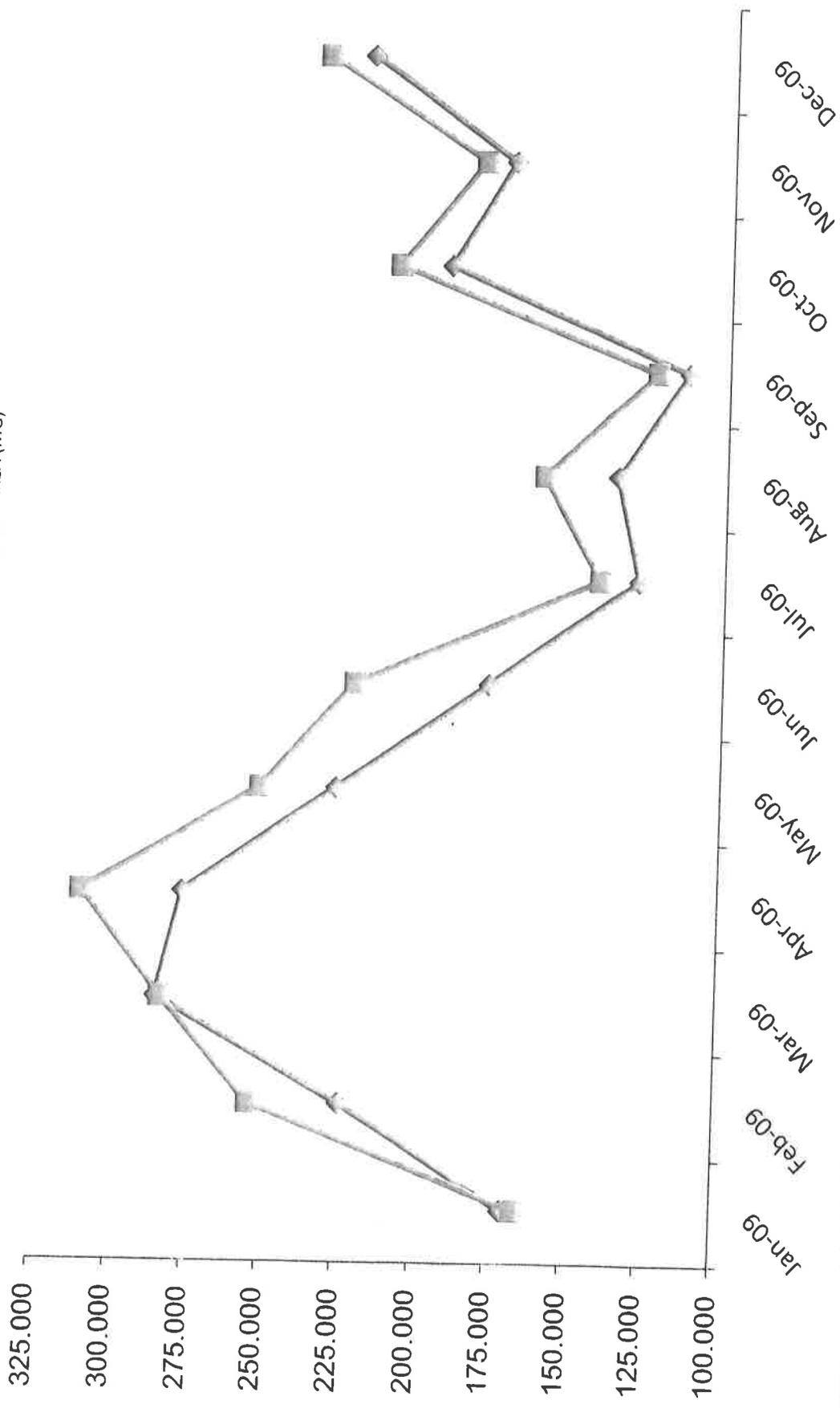


TABLE 2. NORTH REGIONAL INTERCEPTOR -- GLEN ELLYN / LOMBARD SPLIT

MONTH	N.R.I. SUM TOTAL	GLEN ELLYN (MG)	% OF N.R.I.	LOMBARD (MG)	% OF N.R.I.
Jan-08	257.811	111.316	43.177%	146.495	56.823%
Feb-08	272.855	104.185	38.183%	168.670	61.817%
Mar-08	329.484	118.441	35.947%	211.043	64.053%
Apr-08	321.248	120.344	37.461%	200.904	62.539%
May-08	300.199	103.875	34.602%	196.324	65.398%
Jun-08	245.778	88.584	36.042%	157.194	63.958%
Jul-08	170.199	61.088	35.892%	109.111	64.108%
Aug-08	126.084	49.054	38.906%	77.030	61.094%
Sep-08	264.964	95.624	36.089%	169.340	63.911%
Oct-08	171.563	66.299	38.644%	105.264	61.356%
Nov-08	151.423	59.380	39.215%	92.043	60.785%
Dec-08	336.516	115.15	34.218%	221.366	65.782%
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%
AVERAGE	248.795	89.580	36.005%	159.215	63.995%

NRI WASTEWATER FLOWS FOR FY11 BUDGET

— GLEN ELLYN AREA (MG) — LOMBARD AREA (MG)

