



GLENBARD WASTEWATER AUTHORITY

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April 15, 2013

President Mark Pfefferman and Members of the Glenbard Wastewater Authority Board Glen Ellyn, Illinois 60137

Subject: May 1, 2013 - April 30, 2014 Glenbard Wastewater Authority Budget

(FY2014)

I am pleased to present for your review and consideration the proposed Glenbard Wastewater Authority (Authority) FY2014 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 FY2014 partner allocation shows an overall increase of \$350,115 or 5.48% compared to the approved FY2013 budget. The budget reflects a substantial capital improvement plan with the implementation of the Cryo Phase I & II Upgrade, the Valley View Lift Station Construction, the Clarifier Mechanism Replacements at the Stormwater Plant, the Influent Pump Replacement and Improvements Design and a couple of moderate size projects listed within the Infrastructure Improvement portion of the budget. The proposed budget includes funding that will assure continued plant operation that exceeds regulatory standards resulting in improved water quality of the East Branch of the 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 103,678 which is an increase of 237 (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.

<u>FACILITIES</u> -- The Glenbard Wastewater Authority was created in 1977 by an intergovernmental agreement between the Village of Lombard and the Village of Glen Ellyn for the purpose of jointly constructing and operating advanced wastewater treatment facilities. The new facilities opened in 1982 and operate 24 hours per day 365 days per year.

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

The Glenbard Advanced Wastewater Treatment Facility is a State of the Art Facility designed to provide Wastewater Treatment to an average flow of 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 Glenbard Wastewater Authority Stormwater Plant is an excess flow treatment plant that accepts combined sanitary and storm sewer discharges from the Village of 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 Glenbard Wastewater Authority Stormwater Plant 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.

<u>REGULATION</u> -- 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

<u>AUTHORITY BOARD</u> - 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.

EXECUTIVE OVERSIGHT COMMITTEE - The Executive Oversight Committee (EOC) was formed in 1984. The EOC is currently composed of the Village Presidents of Lombard Glen Ellyn, 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.

<u>OPERATING "LEAD" AGENCY</u> - 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.

<u>PERSONNEL</u> – 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 (14) employees work full-time while another eight (8) work part-time. Eleven employees are certified by the Illinois Environmental Protection Agency in wastewater treatment operations, and six (6) of those ten (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. There were two major funds: Operations and Maintenance (Fund 270) and the Capital Fund (Fund 40). As of FY2014 there is a very similar budget format as utilized from FY1998 through FY2010, in which one Operation and Maintenance (O&M) Division and one Capital Equipment Replacement Fund 40 that is intended to be supported by a signed Intergovernmental Agreement.

Div. 270 - Glenbard Plant (SRI Lift Station & Sunnyside Lift Station)

270-1 – Glenbard Stormwater Plant (Hill Avenue Lift Station)

270-2 - North Regional Interceptor (St. Charles Lift Station)

270-3 – South Regional Interceptor (Valley View Lift Station)

The following is the fund allocation of the Capital fund:

Fund 40 - Equipment Replacement Fund

OPERATION AND MAINTENANCE (O&M) DIVISION

The O&M division 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 Revenue is allocated to one division with budgeted expenses tracked as follows:

	Actual	Estimated	Proposed
	FY2012	FY2013	FY2014
Div 270 - Glenbard Plant	\$3,696,400	\$3,544,100	\$3,884,075
270-1 - Stormwater Plant	251.751	182,150	115,000
270-2 - N. Reg. Int.	16,453	48,650	29,150
270-3 - S. Reg. Int.	18,419	34,350	10,800
Div 274 – St. Charles L.S	65,731	69,250	
Div 275 – Valley View L.S	23,948	20,000	
Div 276 – SRI L.S	4,658	4,550	
Div 277 – Sunnyside L.S	965	1,350	
	\$4,078,325	\$3,904,400	\$4,039,025

Cash Reserves / Working Cash

FY2012/13

1,238,224	•
(294,287)	-
372,160	-
1,316,097	_
	-
1,316,097	
(1,003,103)	*
312,995	
1,316,097	
_	
1,316,097	
1,316,097	
(1,009,756)	**
	372,160 1,316,097 1,316,097 (1,003,103) 312,995 1,316,097 1,316,097

^{* 25%} of FY2013 Operating Expenses of \$4,012,410.

^{** 25%} of FY2014 Operating Expenses of \$4,039,025

The six most significant cost centers in the proposed FY2014 O&M budget are as follows:

1. <u>Personnel:</u> The FY2013 proposed GWA team level is at 15.8 full time equivalents (FTE). Personnel costs for the past fourteen years showing the number of full time equivalent staff are shown below. The figures are indicative of the efficiencies realized through the elimination of multiple shifts, automation and monitoring, and other optimization measures:

	Budget	Actual	<u>FTE</u>
FY96	\$1,568,000	\$1,477,458	31.5
FY97	\$1,587,600	\$1,493,096	31.5
FY98	\$1,433,080	\$1,212,197	27.5
FY99	\$1,286,970	\$ 981,950	25.0
FY00	\$1,074,863	\$ 837,826	20.0
FY01	\$ 897,041	\$ 720,472	18.3
FY02	\$ 882,500	\$ 806,680	17.9
FY03	\$ 936,000	\$ 919,780	17.0
FY04	\$ 979,600	\$ 974,996	16.8
FY05	\$1,065,500	\$1,120,334	15.9
FY06	\$1,163,100	\$1,127,850	15.9
FY07	\$1,219,100	\$1,140,272	15.9
FY08	\$1,254,550	\$1,112,348	14.9
FY09	\$1,197,300	\$1,102,174	14.3
FY10	\$1,235,100	\$1,188,486	15.8
FY11	\$1,328,200	\$1,308,850	15.8
FY12	\$1,372,900	\$1,314,985	15.8
FY13	\$1,368,150	\$1,388,600	15.8 (Estimated)
FY14	\$1,410,000		15.8 (Budgeted)

2. <u>Utilities</u>: Electric power, natural gas, water, and telecommunications comprise Utilities, the second largest cost center in the O&M budget. The sum of these utility costs is shown below. The largest component of the utility bill is electrical power used for oxygen generation, pumping systems, mixing and various in-plant processes.

FY02	\$570,103
FY03	\$582,232
FY04	\$617,574
FY05	\$606,375
FY06	\$588,400
FY07	\$693,128
FY08	\$1,194,869
FY09	\$769,137

FY10 \$873,093 FY11 \$976,915 FY12 \$1,163,751 FY13 \$752,600 (Estimated) FY14 \$805,000 (Budgeted)

- 3. <u>Support Services:</u> Separated and budgeted as Operations, Maintenance and Electrical. The FY2013 support budget was \$319,100 and the FY2014 budget is proposed at a cumulative amount of \$284,300. This includes the cost of specialized support services that are more effectively and/or efficiently purchased or contracted than completed internally. Support Services range from \$750 per year for elevator inspections to \$111,000 per year for flow metering, data analysis, and meter maintenance fees.
- 4. <u>Maintenance:</u> Expenses are budgeted in the amount of \$195,550. 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. <u>Sludge (Biosolids) Disposal-Land Applied:</u> Expenses are budgeted in the amount of \$170,000. 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. <u>Chemical Costs:</u> Expenses are budgeted in the amount of \$116,000 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: equipment replacement fund, interest earned in the Capital and O&M funds, sanitary sewer/GWA connection fees paid to both Villages, and borrowing.

The Capital Equipment Replacement Fund has proposed projects, and three (3) have historical value.

	Actual FY2012	Estimated FY2013	Proposed FY2014
Fund 40 – Equip. Replacement Debt Payment Project Expenses Total	\$ 929,598	\$1,043,000	\$1,049,000
	\$ 779,616	\$1,859,000	\$3,421,000
	\$1,709,214	\$2,902,000	\$4,470,000
Fund 41 - Stormwater Plant Debt Payment Project Expenses Total	\$ 73,610	\$ 74,000	\$ 0
	\$1,153,660	\$ 20,000	\$ 0
	\$1,227,270	\$ 94,000	\$ 0
Fund 42 - NRI Project Expenses Total	\$ 6,600	\$ <u>0</u>	\$ <u>0</u>
	\$ 6,600	\$ 0	\$ 0
Fund 44 – St. Charles Lift Station Project Expenses Total	\$ 132,396	\$ 68,000	\$ 0
	\$ 132,396	\$ 68,000	\$ 0
Fund 45 – Valley View Lift Station Project Expenses Total		\$ 134,000 \$ 134,000	\$ <u>0</u> \$ 0
Fund 46 – SRI Lift Station		\$ 3,000 \$ 3,000	\$ <u>0</u> \$ 0

Proposed FY2014 capital expenses of \$4,470,000 are 28.4% or \$1,269,000 higher than the FY2013 estimated capital expenses. The increase reflects the

postponement of the Intermediate pump station repair pending the single stage nitrification study results.

ALLOCATION OF EXPENSES

The Villages of Lombard and Glen Ellyn split the expenses for system operation and maintenance according to wastewater flows contributed by each partner based on the previous five (5) year average. This is newly agreed upon budget as previously flows contributed were split by 100% flow allocations of the Glenbard Stormwater Plant (Village of Lombard) and the SRI, St. Charles Rd. L.S., SRI L.S., and Sunnyside L.S. (Village of Glen Ellyn). The Glenbard Plant and the NRI were split by the flows contributed by the partners based on a previous two (2) year average.

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 Lombard and Glen Ellyn.

In FY2014 a five-year average flow split of 47.60% (Glen Ellyn) and 52.40% (Lombard) is being utilized to estimate the FY2014 expense allocation for the Wastewater Treatment Facilities.

A soon to be modified Intergovernmental Agreement supporting the FY2014 budget is inclusive of one O&M Division 270 with expense allocation tracking for all facilities. Glen Ellyn recuperates the operating costs for the St. Charles Road Lift Station through billing to DuPage County and recuperates the operating costs for the Valley View Lift Station, and the SRI Interceptor through billing to Illinois-American Water Company. The *TOTAL BUDGET ALLOCATION* estimates are as follows:

	Approved	Estimated	Proposed
	FY2013	FY2013	FY2014
Village of Lombard	\$3,356,962	\$3,170,816	\$3,497,539
Village of Glen Ellyn	\$3,029,448	\$2,852,334	\$3,238,986
Total	\$6,386,410	\$6,023,150	\$6,736,525

The overall contribution by the two Villages has increased by \$350,115 or 5.48% more than the FY2013 budget. The allocation to the Villages that support the O&M portion of the budget is \$4,036,525. The allocation to the Villages for support of the proposed Capital Fund is \$2,700,000.

CONCLUSION

The total proposed FY2014 budget and comparisons are as follows:

O&M Capital	Actual FY2012 \$3,761,097 \$3,071,114	Approved FY2013 \$4,012,410 \$3,325,000	Estimated FY2013 \$3,623,150 \$3,201,000	Proposed FY2014 \$4,039,025 \$4,47\$\overline{\psi},000
Total	\$6,832,211	\$7,337,410	\$6,824,150	\$8,509,025

Respectfully Submitted,

Erik Lanphier

Wastewater Manager

Glenbard Wastewater Authority

APPROVED FY 2013 EXPENSES A	ALLOCATED TO PARTNERS				
			LOMBARR	OLEN ELLA	TOT*!
Div. 270 Glenbard Plant			LOMBARD	GLEN ELLYN	TOTAL 3 544 100
Div. 270 Gleribard Plant			1,865,614	1,678,486	3,544,100
			217,100	19 41 4	217,100
Div. 272 North Reg. Int.			35,036	18,414	53,450
Div. 273 South Reg. Int,	_		0	58,650	58,650
Div. 274 St. Charles Rd. Lift Statio	on .		0	81,160	81,160
Div. 275 Valley View L.S.			0	23,900	23,900
Div. 276 SRI L.S.			0	4,700	4,700
Div. 277 Sunnyside L.S.			0	3,350	3,350
Capital Equipment Replacement Ful	nd		1,239,212	1,160,788	2,400,000
TOTAL			3,356,962	3,029,448	6,386,410
ESTIMATED ACTUAL FY 2013 EX	PENSES ALLOCATED TO PARTNE	RS	0.0000000000000000000000000000000000000		
			LOMBARD	GLEN ELLYN	TOTAL
Div. 270 Glenbard Plant			1,717,564	1,545,286	3,262,850
Div. 271 Stormwater Plant			182,150	1,545,260	182,150
Div. 272 North Reg. Int.			31,890	16,760	48,650
Div. 273 South Reg. Int.			31,690	34,350	34,350
Div. 273 - South Reg. Int, Div. 274 St. Charles Rd. Lift Statio	n		0	69,250	
Div. 275 Valley View L.S.	111		0	20,000	69,250
Div. 275 Valley View L.S.				•	20,000
F .			0	4,550	4,550
Div. 277 Sunnyside L.S.	od.		1 220 242	1,350	1,350
Capital Equipment Replacement Fur	IU		1,239,212	1,160,788	2,400,000
TOTAL			3,170,816	2,852,334	6,023,150
FY 2013 BUDGET C	VER (UNDER)		(186,146)	(177,114)	(363,260)
PROPOSED FY 2014 PARTNERS A	ALLOCATION		W		
			LOMBARD	GLEN ELLÝN	TOTAL
Div. 270 Glenbard Plant / SRI L.S.	/ Sunnyside L.S.		2,115,139	1,921,386	4,036,525
270-1 Stormwater Plant / Hill .	•			. ,	. ,
270-2 North Reg. Int. / St. Cha	arles Rd. L.S.				
270-3 South Reg. Int. / Valley					
TOTAL	Total O&M Fund	=	2,115,139	1,921,386	4,036,525
 Capital Equipment Replacement Fur	nd		1,382,400	1,317,600	2,700,000
TOTAL	Total O&M & Capital Budget	-	3,497,539	3,238,986	6,736,525
TOTAL	Total Odivi & Capital Dudget		5,491,155	J,£J0,300	0,730,023
Proposed FY 2014 Partners Alloca	•				
to Approved Expenses Allocated t	o Partners FY 2013:	\$ %	\$140,577 4.19%	\$209,538 6.92%	\$350,115 5.48%

Glenbard Wastewater Authority					
Budget 2013-2014	S	UMMARY BY DIV	/ISION		
Operations & Maintenance					
Expense Allocation to Partners	Actual	Actual	Approved	Estimated	Budgeting
REVENUES	FY 2011	FY 2012	FY 2013	FY 2013	FY 2014
Div. 270 Glenbard Plant / SRI L.S. / Sunnyside L.S.	3,433,224	3,696,400	3,544,100	3,544,100	4,036,525
Interest O&M Fund	2,124	2,350	2,000	2,500	2,500
Com-Ed CLR Rebate	101,724	58,625	0	0	C
Miscellaneous Revenue	0	910	0	5,000	C
Cell Tower Revenue	0	0	24,000	0	C
Div. 271 Stormwater Plant	210,027	251,751	217,100	182,150	C
Div. 272 North Reg. Int.	17,868	16,453	53,450	48,650	C
Div. 273 South Reg. Int.	20,503	18,419	58,650	34,350	C
Div. 274 St.Charles L. S.	78,834	65,731	81,160	69,250	C
Div. 275 Valley View L.S.	18,990	23,948	23,900	20,000	C
Div. 276 SRI L.S.	6,481	4,658	4,700	4,550	C
Div. 277 Sunnyside L.S.	1,273	965	3,350	1,350	C
Total Revenues	3,891,048	4,140,210	4,012,410	3,911,900	4,039,025

EXPENSES	Actual FY 2011	Actual FY 2012	Approved FY 2013	Estimated FY 2013	Budgeting FY 2014
Div. 270 Glenbard Plant / SRI L.S. / Sunnyside L.S.	3,646,445	3,379,173	3,570,100	3,262,850	3,884,075
270-1 Stormwater Plant / Hill Ave L.S.	210,027	251,751	217,100	182,150	115,000
270-2 North Reg. Int. / St. Charles Rd. L.S.	17,868	16,452	53,450	48,650	29,150
270-3 South Reg. Int. / Valley View L.S.	20,503	18,419	58,650	34,350	10,800
Div. 274 St. Charles Rd. L.S.	78,834	65,731	81,160	69,250	0
Div. 275 Valley View L.S.	18,990	23,948	23,900	20,000	0
Div. 276 SRI L.S	6,481	4,658	4,700	4,550	0
Div. 277 Sunnyside L.S.	1,273	965	3,350	1,350	0
Total Expense	4,000,421	3,761,097	4,012,410	3,623,150	4,039,025
INCOME GAIN (LOSS)	(109,373)	379,113	0	288,750	0
Use of Available Cash					

Glenbard Wastewater Authority Budget 2013-2014 Total FY 2014 Budget					
	FY 2011 Actual	FY 2012 Actual	FY 2013 Approved	FY 2013 Estimated	FY 2014 Budgeting
Operations & Maintenance (All Divisions)	\$4,000,421	\$3,761,097	\$4,012,410	\$3,623,150	\$4,039,025
Capital Costs (Expenses & Debt Repayment All Divisions)	\$5,536,000	\$3,071,114	\$3,325,000	\$3,201,000	\$4,470,000
TOTAL	\$9,536,421	\$6,832,211	\$7,337,410	\$6,824,150	\$8,509,025

DIVISION 270 GLENBARD PLANT and THE SRI LIFT STATION and SUNNYSIDE LIFT STATION O&M NARRATIVE

Division 270 is the main treatment facility. The facility treats, on average, 12 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.

The SRI Lift Station is located on the Southeastern corner of the Glenbard Plant. 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 conveyed to the station by the South Regional Interceptor which receives flow 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 pays a user charge for this service to the Village of Glen Ellyn.

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.

Flow through the Glenbard Plant is billed to both the Village of Lombard and the Village of Glen Ellyn based on monthly flow billing. The historical splits between the Villages for the Glenbard Plant are 52.64% Lombard flow and 47.36% Glen Ellyn flow.

Budget 2013-2014 Operations & Maintenance Division 270 **Expense Allocation to Partners**

REVENUE

•		Actual FY 2011	Actual FY 2012	Approved FY 2013	Estimated FY 2013	Budgeting FY 2014
Operation/	Maintenance					
450010	Glen Ellyn Share - 47.60%	1,640,638	1,763,493	1,678,486	1,678,486	1,921,386
450015	Lombard Share - 52.40%	1,792,586	1,932,907	1,865,614	1,865,614	2,115,139
	Partners Allocation	3,433,224	3,696,400	3,544,100	3,544,100	4,036,525
	Interst Income - O&M Fund	2,124	2,350	2,000	2,500	2,500
	Com-Ed CLR Rebate	101,724	58,625	0	0	0
	Misc. Revenue	302	910	0	5,000	0
DIVISION 2	270	3,435,348	3,698,750	3,546,100	3,546,600	4,039,025

NOTE: The flow splits used to calculate partner payments for FY2014 are as follows:

Flow Split for Glen Ellyn:

47.60%

Flow Split for Lombard

52.40%

(for 5 yrs. Average ending 12/31/12)

NOTE: The flow splits used to calculate partner payments for FY2013 are as follows:

Flow Split for Glen Ellyn:

47.36%

Flow Split for Lombard

52.64%

(for 2 yrs. Average ending 12/31/11)

Budget 2013-2014 Operations and Maintenance	Footnotes	I	EXPENSES			
Division 270 Expense Allocation to Partners	Foot	Actual FY 2011			Estimated FY 2013	Budgeting FY 2014
Personnel Services				FY 2013		
510100 Salaries - Regular	1	938,397	950,057	984,500	1,023,000	1,067,000
510110 Salaries - Part-Time Ops.	2	47,099	54,146	50,000	56,000	52,000
510200 Salaries - Overtime	3	56,862	32,065	57,000	45,000	54,000
510300 Salaries - Temporary/Seasonal		17,273	12,428	20,000	15,000	20,000
510400 FICA		77,430	76,531	75,250	83,000	86,000
510500 IMRF	4	128,678	121,640	127,900	126,000	131,000
510600 State Unemployment Tax		1,824	0	0	0	(
Total		1,267,563	1,246,867	1,314,650	1,348,000	1,410,000
Contractual Services and Commodities						
520305 Employee Recognition		0	700	1,000	1,000	1,000
520600 Dues/Subs./Fees		7,673	12,973	14,000	12,000	14,500
520615 Recruiting/Testing		0	10	0	0	(
520620 Employee Education	5	14,873	5,785	11,900	10,000	26,000
520625 Travel (Mileage)		0	0	500	0	500
520700 Pro. ServLegal	6	5,816	1,021	6,000	3,000	15,000
520750 Legal Notices		1,140	257	1,000	200	1,000
520775 Regulatory Fees	 _ 	52,500	52,500	52,500	52,500	52,500
520776 DuPage River Salt Creek Work Group	7	20,619	20,619	21,000	24,500	119,300
520806 Pro. ServLab		17,533	18,547	22,000	25,000	24,500
520816 Design Engineering	8	8,474	21,524	10,000	4,000	10,000
520825 Audit Fees / Pro. Serv Acct.	9	12,440	12,700	15,000	12,000	15,000
520835 Bank Charges		0	150	0	150	С
520885 Insurance - Liability	10	164,047	170,098	152,000	152,000	215,000
520895 Insurance - Health	11	203,900	207,200	223,300	210,000	247,000
520970 Maint Bldg. & Grds.		9,629	6,923	12,500	16,900	16,100
520971 Bldg. & Grounds - Support		56,569	53,186	63,300	50,000	54,000
520975 Maint Equipment		39,292	37,810	44,400	43,000	50,000
520976 Maint Support	12	96,533	60,621	94,900	80,000	86,500
520980 Maint Electronics		65,817	57,937	90,000	70,000	90,000
520981 Elect Support	13	37,948	49,220	67,650	35,000	184,775
520990 Operations - Supplies		4,376	8,117	10,000	6,000	10,000
520991 Operations - Support		53,495	26,638	58,800	35,000	42,500
521130 Overhead Fees	14	116,700	117,200	117,200	117,200	125,200
521150 Sludge Disposal - Land Applied	15	166,457	171,949	200,000	140,000	170,000
521195 Telecommunications		32,386	35,384	35,800	45,000	45,000
521201 Electric Power	16	918,978	837,832	650,000	585,000	600,000
521202 Natural Gas	17	111,278	27,889	100,000	40,000	60,000
521203 Water	1 1	36,714	35,421	55,000	38,000	55,000
521204 Self-Gen Gas	1 1	6,824	4,919	7,000	4,200	7,000
530100 Office Expenses	1 1	16,122	15,393	18,300	18,300	16,300
530106 Operating Supplies - Lab	1 1	11,467	7,890	15,000	11,000	15,000
530200 Administrative Purchases	18	0	0	0	0	4,000
530225 Safety		14,172	14,054	18,400	18,400	18,400
530440 Chemicals	19	69,985	33,773	60,000	50,000	76,000
530445 Uniforms		5,125	6,065	7,000	5,500	7,000
Total		2 270 000	2 422 225	2.255.450	4.044.050	0.474.6=
Total	++	2,378,882	2,132,305	2,255,450	1,914,850	2,474,075
TOTAL DIVISION 27	0	3,646,445	3,379,172	3,570,100	3,262,850	3,884,075

DIVISION 270 (GLENBARD PLANT) O&M FOOTNOTES

(1) **SALARIES** (\$1,067,000):

The total salaries provide for a total of fourteen (14) full-time staff members to operate and maintain the regional system. 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 14 years ago.

(2) SALARIES - PART-TIME OPERATORS (\$52,000):

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 fourteen (14) years we have used Part-Time Operators to provide solids processing on weekends and holidays. The use of five (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) <u>SALARIES – OVERTIME (\$54,000):</u>

This represents a \$3,000 decrease from FY2013. Our goal is to find a comfortable overtime figure that is less than the FY2010 number. GWA continues to trend overtime and manage this expense with best management practices in mind.

(4) IMRF (\$131,000):

This represents a \$1,600 reduction compared to the aggregate FY2013 budget number of \$132,600.

(5) **EMPLOYEE EDUCATION (\$26,000)**:

The employee education line item increased this year due to the following additions:

WEF Technical Conference, Chicago	\$3,000
College Reimbursement	\$5,000
M2T Training reallocated from Ops Support	\$10,000

(6) PROFESSIONAL SERVICE LEGAL (\$15,000):

Legal services have increased this year due to the continued discussions regarding the Intergovernmental Agreement between the two member communities. GWA wants to plan accordingly for any surprises that may arise as a result of the ongoing discussions.

(7) DUPAGE RIVER SALT CREEK WORK GROUP (\$119,300):

The increase in the work group dues is a direct correlation to the IEPA. The project initiatives that the East / West Branch DuPage River & Salt Creek watersheds are providing to the IEPA are imperative to the impacts of the nutrient standards relating to point source dischargers. The work group has been recognized by the IEPA as a leader in developing remediation to stream standards particularly relating to habitat improvements. The work group believes that stream remediation is the path to healthier streams and rivers versus the implementation of nutrient discharge limits for phosphorus and total nitrogen. Educating communities about chloride utilization, storm water best management practices, and the discontinued use of coal tar sealants have also been important functions provided by this group.

(8) DESIGN ENGINEERING (\$10,000):

This item covers the cost to hire a consulting engineer for small specific tasks required to implement equipment changes, operational changes or general consultation. The current organization does not include personnel that can provide these specialized services.

(9) **AUDIT FEES (\$15,000)**:

For the Sixth (6th) consecutive 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.

(10) **INSURANCE LIABILITY (\$215,000)**:

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 FY2014 and an excess liability policy. This Line item is a \$37,500 increase compared to the aggregate FY2013 budget number of \$177,500. Liability insurance consists of 2/3's Workman Comp costs and 1/3 Property insurance costs.

(11) **INSURANCE HEALTH (\$247,000)**:

Health care is provided through the Village of Glen Ellyn plan. This Line item is a \$12,100 increase compared to the aggregate FY2013 budget number of \$234,900.

(12) **MAINTENANCE SUPPORT (\$86,500)**:

This line item reflects work previously budgeted in the Maintenance-Contractual line item. A few of the most significant expenses included in this item in FY2014 are:

Cryo Annual Maintenance Cost \$20,000 Vehicle Maintenance (Provided by VGE) Costs \$38,500

Every five (5) years an in-depth maintenance procedure is done on the cryogenic system and the costs expensed to the Capital budget. A five (5) year turnaround was completed in FY2012. Proposed Oxygen facility upgrade costs continue in the O&M budget for FY2013.

(13) **ELECTRICAL SUPPORT (\$184,775)**

This line item has increased in FY2014 due to the reallocation of the flow meters into the division 270 account. This is being recommended due to the administrative needs of the flow meters and how they are the driving force behind the monthly billing, annual billing, and two year annual averages utilized for the preparation of the fiscal budget.

(14) OVERHEAD FEES (\$125,200):

Overhead fees have been increased based on the 2012-2013 CPI of 1.7%. FY2013 overhead fees were a combined total of \$123,100.

(15) SLUDGE DISPOSAL FEES (170,000):

This number is going to stay consistent due to the changes implemented into state law regarding the 30 day stock pile versus the previous 60 day stock pile rule.

(16) ELECTRIC POWER (\$600,000):

GWA entered into a three (3) year agreement in FY2013 with Direct Energy for Fixed Fee of \$.03999/KWH. Our power consumption is directly impacted by wet weather conditions impacting our facilities. The budgeted amount for FY2014 continues to be 18% less than the FY2012 budget number due to the average charge in 2012 of \$.055/KWH.

(17) NATURAL GAS (\$60,000):

GWA has placed the second larger capacity boiler in service during the completion of the Anaerobic Digester Improvement project. The budget number for FY2014 is 40% less than the budget number for FY2013. The competitive bid and the warmer temperatures have been a double benefit for savings pertaining to the natural gas line item. We have entered into a three (3) year agreement in FY2013 with Integrys Energy for a Fixed Fee of \$.363/therm. Previously we were paying \$.478/therm which calculates into a 24% savings.

(18) ADMINISTRATIVE PURCHASES (\$4,000):

This line item is new for FY2014 due to the need to track miscellaneous purchases associated with administrative functions.

(19) CHEMICALS (\$76,000):

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. Polymer production costs have gone up dramatically causing us to increase this line item by 28%.

Glenbard Wastewater Authority FY 2014 Personnel Budget Division 270 -- 510100-510500

	Item	Recommendations	FY 2013 Approved		FY 2014 Budgeting	
510100	Salaries - Regular		984,500		1,067,000	
510110	Part - Time Operations	1.0 Full Time Equivalent	50,000		52,000	
510200	Laboratory Overtime		2,000		2,000	
510200	Ops. Reg. Overtime		3,000		3,000	
510200	High Flow Overtime		3,000		3,000	
510200	Ops. Call-In Overtime		14,000		14,000	
510200	Ops. SCADA Monitoring Overtime		19,000		20,000	
510200	Maint. Regular Overtime		4,000		4,000	
510200	Maint. Call-In Overtime		2,000		2,000	
510200	Elec. Reg. Overtime		4,000		4,000	
510200	Elec. Call-In Overtime		6,000		2,000	
510300	Seasonal Labor	.5 Full Time Equivalent	20,000		20,000	
		Salaries R	Regular, PT Ops & Seasonal	1,054,500		1,139,000
		Salaries <u>C</u>	overtime (3)	57,000		54,000
		Salaries		1,111,500		1,193,000
510400	FICA			75,250		86,000
510500	IMRF (4)			127,900		131,000
510600	State Unemployment Tax			0		0
		Personnel Services		\$1,314,650	-,	\$1,410,000

Glenbard Wastewater Authority FY 2014 Recognition/Awards Budget 270 520305

ltem	Recommendation		FY 13 Approved	Total	FY 14 Budgeting	Total
Recognition/Awards	Miscellaneous (Manager's Discretion)		1,000		1,000	
		Total		\$1,000		\$1,000

Glenbard Wastewater Authority FY 2014 Dues/Fees/Subscriptions Budget 270 520600

Item	Recommendations	FY 13 Approved	Total	FY 14 Budgeting	Total
Dues/Fees/Subs.	Water Environment Federation - Memberships	900	ř	900	
	WEF - Publications	300		300	
	NACWA	5,000		5,500	
	IAWA	6,800		6,800	
	NFPA Membership	150		150	
	Lab Meeting Registrations	100		100	
	American Public Works Associaton - Memberships	150		150	
	Fox Valley Operators Association	300		300	
	Miscellaneous (Managers Discretion)	300		300	
			\$14,00	0	\$14,500

Glenbard Wastewater Authority FY 2014 Recruit/Test Budget 270 520615

ltem	Recommendation	FY 13 Approved	Total	FY 14 Budgeting	Total
Recruiting/Testing	Chicago Tribune Daily Herald Coply Newspapers Liberty Publicatons (Glen Ellyn News) WEF OMNI - Employment Physicals	0		0	
				 	0

Glenbard Wastewater Authority FY 2014 Employee Training/Education Budget 270 520620

		FY13 Approved	FY14 Budgeting
Administration	Employee Education - Administration		
	WEFTEC	2,000	1,000
	CSWEA. IWEA, IAWA Conferences	2,000	
	MPSI - Michigan Public Sector Institute Training (Gayle) Year 3 (Final Year)	1,500	
Operations	Employee Education - Operations (5 Operators)		
	WEFTEC	0	1,000
	Misc Tech Seminars	800	· ·
	College Reimbursement	0	5,000
	Mixing & Mass Transfer Cryo System Training	0	10,000
	Central States WEA, IAWA State Converences	3,000	
Maintenance	Employee Education - Maintenance	· · · · · · · · · · · · · · · · · · ·	
	WEFTEC	0	1,000
	Facilities Maintenance Show G. Scott & 2 Maint Mech (Chicago)	100	
	Maintenance Based Courses/Seminars	1,000	500
	Misc Tech Seminars	500	
Electrical	Employee Education - Electrical		
	WEFTEC	0	1,000
	ISPI - Illinois Public Sector Institute Training - Year 2 (No Attendance until 2014)	0	0
	Facilities Maintenance, ISA Shows R. Freeman, P. Dziewior & J. Solita (Chicago)	500	500
Lab	Employee Education - Laboratory		
	Misc Tech Seminars	500	500
		\$11,900	\$26,000

This fund is inclusive of all costs associated with each Training/Education item, including transportation(non-mileage), hotel, rental car, and meals.

Glenbard Wastewater Authority FY 2014 Mileage Reimbursement Budget 270 520625

Item	Recommendation	FY13 Approved	Total	FY14 Budgeting	Total
Travel	Travel for Seminars/Training Manufacturing Trade Shows				
	I-Pass	500		500	
			\$500		\$500

Glenbard Wastewater Authority FY 2014 Pro. Svc. Legal Budget 270 520700

Item	Recommendation		FY 13 Approved	Total	FY 14 Budgeting	Total
Pro. Svc. Legal	Contracted Legal Assistance		6,000		15,000	
		Total		\$6,000		\$15,000

Glenbard Wastewater Authority FY 2014 Legal Notices 270 520750

Item	Recommendation	FY 13 Approved	Total	FY 14 Budgeting	Total
Legal Notices	Chicago Tribune Daily Herald	1,000		1,000	
			\$1,000	_)	\$1,000

Glenbard Wastewater Authority FY 2014 Regulatory Fees 270 520775

Item	Recommendation	FY13 Approved	Total	FY14 Budgeting	Total
Glenbard Plant	IEPA Regulatory Fees associated with the NPDES permit and sludge disposal permit as legislated by State.	permit 52,500 52,		52,500	
			\$52,500		\$52,500

Glenbard Wastewater Authority FY 2014 TMDL Commitment 270 520776

	Recommendation				
Work Gro	oup Membership fees (Mar to Feb)				
GWA	Dues				
	Assessments to be budgeted in FY 2015 \$98,000				

Based on the approval of TMDL (Total Max. Daily Load) reports which address the water quality of the local streams and rivers relative to their Dissolved Oxygen and Chloride Levels, the IEPA has directed all wastewater treatment facilities in DuPage County to reserve funds for the efforts to improve water in Salt Creek and the East/West Branches of the DuPage River. This proposed funding is based on Work Group method established on January 26, 2005 and represents Contribution for the Glenbard Wastewater Authority by Million Gallons per Day.

The Work group research has found that habitat improvement is showing positive signs after multiple dam removal efforts. DRSCWG is working with the IEPA to help promote scientific data for improved watershed quality,

21,000	22,000 97,300

\$21,000

Total

FY14 Budgeting

Total

\$119,300

FY13 Approved

Glenbard Wastewater Authority FY 2014 Prof. Svc. Lab. Budget 270 520806

Item	Recommendation	FY13 Approved	Total	FY14 Budgeting	Total
Cont. Testing	Suburban Laboratories (Process)	0		0	
	Suburban Laboratories (Metals)	15,000		15,000	
	Additional Monthly Metals Testing	2,500		5,000	
	Additional Monthly Sludge Fecal Testing	4,500		4,500	
			\$22,00	<u> </u>	\$24,500

Glenbard Wastewater Authority FY 2014 Prof. Svc. Eng. Budget 270 520816

ltem	Recommendation	FY13 Approved	Total	FY14 Budgeting	Total
Pro. Serv. Engr.	Engineering Fees - Contracted	10,000		10,000	
			\$10,000		\$10,000

Glenbard Wastewater Authority FY 2014 Prof. Svc. Accnt. Budget 270 520825

Item	Recommendation	FY13 Approved	Total	FY14 Budgeting	Total
Pro. Svc. Acct. Co	ontracted Audit/Accnt. Fees	15,000		15,000	
			\$15,000		\$15,000

Glenbard Wastewater Authority FY 2014 Ins-Liab Budget 270 520885

Item	Recommendation	FY13 Approved	Total FY1	14 Budgeting Total
InsLiability	Fees for Workmans Comp Liability Coverage Fees for Property Portion Liability Coverage	112,500 39,500		144,000 71,000
			\$152,000	\$215,000

Total Liability Insurance Amount: \$215,000 is a \$37,500 increase over FY2013 total of \$177,500. The reason for the increase is that GWA had a high claim year (\$142,220) added to the loss history and a low claim year (\$31,976) fall off.

All Facilities included - Property Portion Equals 1/3 of Total Portion

FY2013 was split over 8 different divisions totaling \$177,500

Glenbard Wastewater Authority FY 2014 Health Insurance Fees Budget 270 520895

Item	Recommendation	FY 13 Approved	Total	FY 14 Budgeting	Total
Ins Health	Fees for Employee Health Insurance Coverage	223,300		247,000	
			\$223,300		\$247,000

Total Health Insurance Amount: \$259,000 is a 10% increase over FY2013 - All Facilities included

FY2013 was split over 8 different divisions totaling \$234,900

Glenbard Wastewater Authority FY 2014 - Buildings and Grounds Budget Maintenance 270 520970

Description	Recommendations	FY 13 Approved	Total	FY14 Budgeting	Total
GWA Building/Grounds	Jainitorial Supplies for Custodians	2,000		2,500	
	Door/Lock/Misc Repairs	700		1,000	
	Bldg./Equipment. Painting Supplies (Non-Contract)	5,000		5,000	
	Misc. Repair Parts	500		500	
	Window Repairs	1,000		3,000	
	Planting Beds	300		1,100	
	Topsoil	3,000		3,000	
			\$12.500		\$16,100

Glenbard Wastewater Authority FY 2014 - Buildings and Grounds - Support Budget Maintenance 270 520971

DESIGNATION	RECOMMENDATIONS	FY 13 Approved	Total	FY 14 Budgeting	Total
Glenbard Plant	Roofing Systems Survey	4,500		4,500	
	Roofing Repairs (from Roofing Survey)	4,000		0	
	Contractor Door/Lock Repairs	2,500		3,000	
	Spoil Removal	1,200		1,200	
	Shop Towel Service	1,300		1,450	
	Fire Extinguisher Service/Repairs	2,200		2,200	
	Elevator Service/Repairs	2,100		0	
	Elevator Inspections - Lombard	400		0	
	Landscape Maintenance	13,000		14,000	
	Digester Boiler Cleaning	4,500		0	
	Pest Control	750		750	
	Tru-Green Chemlawn - Turf/Shrub Disease Control	5,200		5,200	
	Contracted Window Repairs	2,200		2,200	
	Contracted Janitorial Service	16,200		16,200	
	Unanticipated Contracted Building/Grounds Repairs	2,350		2,400	
	Admin Window Cleaning Contract	900		900	
			\$63,300		\$54,000

Glenbard Wastewater Authority FY 2014 Equipment Maintenance Budget 270 520975

Building	Designation	FY 13 Approved	FY 14 Budgeting
Α	Bar Screen	200	200
В	Raw Pump	1,050	1,100
С	Grit Removal	350	375
D	Primary Pump	1,625	1,075
E	Primary Scum	4,650	4,250
F	Unox	3,300	4,450
Н	Screw Pump	1,400	1,350
1	Final Clarifiers	150	175
L	Sand Filter	950	675
N	Warehouse	750	1,250
Р	Press	4,500	7,450
Q	Cryo.	4,350	3,500
R	Administration	1,000	1,200
S	Maint. Garage	750	350
Т	CRAS	800	600
U	Digester	1,200	1,050
V	Co-Gen	425	1,200
	Electrical Shop	50	50
	Miscellaneous	16,900	19,700
	TOTAL	\$44,400	\$50,000

Glenbard Wastewater Authority FY2014 Maintenance Budget 270 520975

Recommendations	FY13 Approved	Total	FY14 Budgeting	Total
Bar Screen	000		222	
Washer Solenoid Parts	200)	200	
				\$200
Raw Pump				
Parco Oil	850)	850	
Wetwell Lid Rings (Plant-Wide Usage)	200)	250	
		\$1,050		\$1,100
Grit				
Oil and Grease	200)	200	
Blower Drive Belts	150)	175	
		\$350		\$375
Primary Pump				
Compresspr Filters	75	5	75	
Pump Parts	1,500)	500	
Oil and Grease	50)	500	
		\$1,625		<u>*************************************</u>
Primary Scum				
Odor Control Parts	2,500)	2,500	
Pump Parts	2,000)	1,500	
Compressor Filters/Oil	150)	250	
		\$4,650		\$4,250
Unox				
Unox Control System Parts/Misc. Parts	200)	200	
Emergency Repair Parts	1,200)	2,000	
Seal Antifreeze	400)	250	
Mixer Oil	1,500)	2,000	
		\$3,300		\$4,450

Recommendations	FY13 Approved Total	FY14 Budgeting	Total
Screw Pump			
V-Belts	600	900	
Grease	800	950	
Drive Oil	600	400	
•		,400	\$1,350
Final Clarifiers	Ţ.	,	4.,000
Grease	150	175	
•		5150	\$175
Sand Filter	·		****
Valve Repair	450	300	
Filter Sand Sieve Analysis	250	250	
Oil Sep. Cartridge for Air System	250	125	
	=======================================	S950	\$675
Warehouse			
Shelving Rehab	750	1,250	
	9	S750	\$1,250
CRASS			,
Check Valve Pump Parts	700	500	
Filters	100	100	
•	3	800	\$600
Press			
Press Belt Set (1)	3,750	7,000	
Press Seal	750	450	
	\$4	,500	\$7,450

Recommendations	FY13 Approved	Total	FY14 Budgeting	Total
Cryo				
Oil and Filters	650)	800	
Misc. Parts	500)	500	
Replacement PRV's	1,200)	1,200	
RHX Jamesburry/Valve Rehabs	1,500		500	
Emergency Repair/Parts	500		500	
		4,350		\$3,500
Admin				
Lavatory Repair Parts	350)	450	
Washer/Dryer Parts	650)	750	
		1000		\$1,200
Maintenance Garage				
Torch Gas/Welding Supplies	750)	350	
		750		\$350
Electric Shop				
Compressor Filters	50		50	
		50		\$50
Digester Repairs				
Boiler Parts	450)	550	
Gas Safety Equipment Repairs	750)	500	
		1200		\$1,050
Co-Gen				
V-Belts, Coolant	425	5	1,200	
		425		\$1,200

Recommendations	FY13 Approved Total	FY14 Budgeting Total
Misc. Supplies		
Paints/Supplies	1,500	2,000
Replacement Tools	1,200	1,500
Oil Analysis	1,200	800
Radio Repair/Batteries	1,000	1,200
Hardware Bolts/Nuts/Drills/Taps	3,300	3,500
Parts Repair Shipping Costs (Freight)	1,200	1,200
Portable Pump Hose Replacements	1,000	1,000
Vacuum Hose Replacment		1,000
Hardware PVC Piping	1,000	800
Hardware Galvanized Piping	1,000	1,000
Misc. Valves/Repair Clamps	1,000	1,500
Manhole Repair Parts	500	1,200
Unanticipated Equipment Repair Parts	3,000	3,000
	\$16,90	\$19,700
TOTAL	\$44,40	0 \$50,000

Glenbard Wastewater Authority FY2014 Equipment Maintenance - Support Budget 270-520976

Building	Designation	FY13 Approved	FY14 Budgeting
В	Raw Pump	0	0
D	Primary Pump	0	0
	Primary Scum	250	0
L	Sandfilters	0	0
Q	Cryo - Annual Maintenance	20,000	20,000
R	Administration	500	750
S	Maint. Garage	2,800	3,200
	Electric Shop	200	100
U	Digester	9,200	9,500
V	Co-Gen	9,000	0
	Intermediate Clarifiers	0	200
T	CRAS	2,000	500
	Vehicle Maintenance (Village)	39,200	38,500
	Miscellaneous =	11,750	13,750
	TOTAL	\$94,900	\$86,500

Glenbard Wastewater Authority FY2014 Maintenance - Support Budget 270 520976

Recommendations	FY13 Approved Total	FY14 Budgeting Total
Bar Screen		
	0	0
		50 50
Raw Pumps		
Corings/Parts	0	0
		\$0 \$0
Grit		
	0	0
		\$0 \$0
Primary Pump	979	_
Corings/Parts	250	0
Dui ve eve O e eve	\$2	50 \$0
Primary Scum	0	0
	0	<u> </u>
Unox		\$0
Onox	0	0
		\$0 \$0
Screw Pump		
		0
		\$0 \$0
Finals		_
	0	0
Pump/Meter		\$0 \$0
i uniphilatei	0	0
		\$0 \$0
Recommendations	FY13 Approved Total	FY14 Budgeting Total

Thic	ckener				
		1	0	0	
			\$0		\$0
	d Filter				
HVAC Duct Repair		į	0	0	
			\$0		\$0
Ware	ehouse				
			0	0_	
			\$0		\$0
•	UV				
			0	0_	
			\$0		\$0
Pi	ress				
			0	0_	
			\$0		\$0
С	ryo				
MMTT Routine Annual N	Maintenance Turnaround	20,000	0	20,000	
			\$20,000		\$20,000
Ad	lmin				
Washer/Dryer Overhaul Ma	aintenance	500	0	750	
			\$500		\$750
	nce Garage				
Safety Klean Parts Service		2,200	0	2,500	
Torch Gas Cylinder Lease		150	0	250	
Miscellaneous		450		450	
			\$2,800		\$3,200
	. Shop				
Boiler Repairs		100		100	
Boiler Certification Inspecti	ions	100		0	
_			\$200		\$100
Recomm	endations	FY13 Approved	Total	FY14 Budgeting T	otal

Digester

Boiler Repairs	1,000	1,000	
West Boiler Tuneup/Inspection/Cleaning	8,000	8,500	
Boiler Certification Inspections	200	0	
_	\$9,200		\$9,500
Co-Gen			
Patten - Engine Service	9,000	0	
	\$9,000		\$0
Intermediate Clarifiers			
Repairs, Grease	0	200	
	\$0		\$200
CRAS			
Pump Repairs	2,000	500	
-	\$2,000		\$500
General Maintenance			
Overhead Crane Inspection/Repairs	5,000	3,500	
State Boiler/Pressure Vessel Certifications	1,000	800	
Elevator Service	0	1,200	
Elevator Inspections - Lombard	0	400	
RPZ Cross Connection Inspections - Lombard	0	400	
RPZ Inspections	2,200	2,200	
4" & 8" Portable Pump Repairs	100	1,500	
Snowthrower Equipment Repairs	700	400	
Electric Powered Tool Repairs	700	600	
Vehicle Maintenance Services	39,200	38,500	
(Provided by Village of Glen Ellyn)			-
Unanticipated Contracted Equipment Repairs	2,050	1,750	
	\$50,950		\$51,250
Total	\$94,900	· · · · · · · · · · · · · · · · · · ·	\$85,500

Glenbard Wastewater Authority FY2014 Maintenance Electronics Budget Details 270 520980

Building	Designation	FY13 Approved	FY14 Budgeting
Α	Bar Screen	3,900	3,900
В	Raw Pumps	14,900	14,900
С	Grit	3,050	3,050
D	Primary Clarifier	500	500
E	Primary Pump	2,750	2,750
F	Unox Deck	5,150	5,150
G	ATAD	800	800
Н	Screw Pump	2,250	2,250
I	Final Clarifier	1,700	1,700
J	Pump/Meter	3,100	3,100
K	Thickener	550	550
L	Sandfilter	3,550	3,550
N	Warehouse	1,300	1,300
0	UV	6,750	6,750
Р	Press	7,400	7,400
Q	Cryo	4,750	4,750
R	Administration	4,400	4,400
S	Maint. Garage	1,500	1,500
T	CRAS	2,400	2,400
U	Digester	5,500	5,500
V	Co-Gen	3,800	3,800
	Elec. Supplies	10,000	10,000
		\$90,000	\$90,000

Glenbard Wastewater Authority FY2014 Maintenance Electronics Budget Details 270 520980

Designation	Recommendations	FY13 Approved	Total	FY14 Budgeting	Total
Bar Screen	Control Panel PM/Repairs	100		100	
	Electrical Distribution PM/Repairs	200		200	
	HVAC Equipment PM/Repairs	500		500	
	Instrumentation PM Repairs	500		500	
	LAN PM/Repairs	100		100	
	Lighting Equipment PM/Repairs	200		200	
	Motor PM/Repairs	200		200	
	Safety Equipment PM/Repairs	800		800	
	SCADA System PM/Repairs	800		800	
	Telecommunications PM/Repairs	500		500	
	Bar Screen Total		\$3,900		\$3,900
Raw Pumps	Control Panel PM/Repairs	200		200	
	Electrical Distribution PM/Repairs	4,000		4,000	
	HVAC Equipment PM/Repairs	700		700	
	Instrumentation PM/Repairs	4,000		4,000	
	LAN PM/Repairs	100		100	
	Lighting Equipment PM/Repairs	1,400		1,400	
	Motor PM/Repairs	2,000		2,000	
	Safety Equipment PM/Repairs	200		200	
	SCADA System PM/Repairs	2,000		2,000	
	Telecommunications PM/Repairs	300		300	
	Raw Pumps Total		\$14,900		\$14,900

Designation	Recommendations	FY13 Approved	Total	FY14 Budgeting	Total
Grit	Control Panel PM/Repairs	200		200	
	Electrical Distribution PM/Repairs	400		400	
	HVAC Equipment PM/Repairs	300		300	
	Instrumentation PM/Repairs	500		500	
	LAN PM/Repairs	100		100	
	Lighting Equipment PM/Repairs	400		400	
	Motor PM/Repairs	100		100	
	Safety Equipment PM/Repairs	500		500	
	SCADA System PM/Repairs	500		500	
	Telecommunications PM/Repairs	50		50	
	Gı	rit Total	\$3,050		\$3,050
Primary Clarifier	Control Panel PM/Repairs			0	
	Electrical Distribution PM/Repairs	300		300	
	HVAC Equipment PM/Repairs			0	
	Instrumentation PM/Repairs	100		100	
	LAN PM/Repairs			0	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs			0	
	Safety Equipment PM/Repairs			0	
	SCADA System PM/Repairs			0	
	Telecommunications PM/Repairs			0	
	Primary Clarific	er Total	\$500		\$500

Designation	Recommendations	FY13 Approved	Total	FY14 Budgeting	Total
Primary Pump	Control Panel PM/Repairs	100		100	
	Electrical Distribution PM/Repairs	100		100	
	HVAC Equipment PM/Repairs	400		400	
	Instrumentation PM/Repairs	100		100	
	LAN PM/Repairs	100		100	
	Lighting Equipment PM/Repairs	200		200	
	Motor PM/Repairs	200		200	
	Safety Equipment PM/Repairs	500		500	
	SCADA System PM/Repairs	1,000		1,000	
	Telecommunications PM/Repairs	50		50	
	Primary Pump Total		\$2,750		\$2,750
Unox Deck	Control Panel PM/Repairs	1,000		1,000	
	Electrical Distribution PM/Repairs	600		600	
	HVAC Equipment PM/Repairs	200		200	
	Instrumentation PM/Repairs	1,500		1,500	
	LAN PM/Repairs			0	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	200		200	
	Safety Equipment PM/Repairs	1,500		1,500	
	SCADA System PM/Repairs			0	
	Telecommunications PM/Repairs	50		50	
	Unox Deck Total		\$5,150		\$5,150

Designation	Recommendations	FY13 Approved	Total	FY14 Budgeting	Total
ATAD	Control Panel PM/Repairs	100		100	
	Electrical Distribution PM/Repairs	300		300	
	HVAC Equipment PM/Repairs			0	
	Instrumentation PM/Repairs			0	
	LAN PM/Repairs	100		100	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	100		100	
	Safety Equipment PM/Repairs			0	
	SCADA System PM/Repairs			0	
	Telecommunications PM/Repairs	100		100	
	ATAD	Total	\$800		\$800
Screw Pump	Control Panel PM/Repairs				
	Electrical Distribution PM/Repairs	1,000		1,000	
	HVAC Equipment PM/Repairs	300		300	
	Instrumentation PM/Repairs	200		200	
	LAN PM/Repairs			0	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	500		500	
	Safety Equipment PM/Repairs	100		100	
	SCADA System PM/Repairs			0	
	Telecommunications PM/Repairs	50		50	
	Screw Pump	Total	\$2,250		\$2,250

Designation	Recommendations	FY13 Approved	Total	FY14 Budgeting	Total
Final Clarifer	Control Panel PM/Repairs	100		100	
	Electrical Distribution PM/Repairs	500		500	
	HVAC Equipment PM/Repairs	0		0	
	Instrumentation PM/Repairs	500		500	
	LAN PM/Repairs	0		0	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	200		200	
	Safety Equipment PM/Repairs	0		0	
	SCADA System PM/Repairs	200		200	
	Telecommunications PM/Repairs	100		100	
	Final Clarifier Total		\$1,700		\$1,700
Pump and Meter	Control Panel PM/Repairs	100		100	
	Electrical Distribution PM/Repairs	100		100	
	HVAC Equipment PM/Repairs	100		100	
	Instrumentation PM/Repairs	1,000		1,000	
	LAN PM/Repairs	100		100	
	Lighting Equipment PM/Repairs	300		300	
	Motor PM/Repairs	200		200	
	Safety Equipment PM/Repairs	100		100	
	SCADA System PM/Repairs	1,000		1,000	
	Telecommunications PM/Repairs	100		100	
	Pump and Metering Total		\$3,100		\$3,100

Designation	Recommendations	FY13 Approved	Total	FY14 Budgeting	Total
Thickener	Control Panel PM/Repairs			0	
	Electrical Distribution PM/Repairs	200		200	
	HVAC Equipment PM/Repairs	200		200	
	Instrumentation PM/Repairs			0	
	LAN PM/Repairs			0	
	Lighting Equipment PM/Repairs	50		50	
	Motor PM/Repairs	100		100	
	Safety Equipment PM/Repairs			0	
	SCADA System PM/Repairs			0	
	Telecommunications PM/Repairs			0	
	Thi	ckener Total	\$550		\$550
Sandfilter	Control Panel PM/Repairs	100		100	
	Electrical Distribution PM/Repairs	800		800	
	HVAC Equipment PM/Repairs	500		500	
	Instrumentation PM/Repairs	300		300	
	LAN PM/Repairs	100		100	
	Lighting Equipment PM/Repairs	500		500	
	Motor PM/Repairs	200		200	
	Safety Equipment PM/Repairs	0		0	
	SCADA System PM/Repairs	1,000		1,000	
	Telecommunications PM/Repairs	50		50	
	Sa	ndfilter Total	\$3,550		\$3,550

.

Designation	Recommendations	FY13 Approved	Total	FY14 Budgeting	Total
Warehouse	Control Panel PM/Repairs	100		100	
	Electrical Distribution PM/Repairs	500		500	
	HVAC Equipment PM/Repairs	100		100	
	Instrumentation PM/Repairs			0	
	LAN PM/Repairs			0	
	Lighting Equipment PM/Repairs	200		200	
	Motor PM/Repairs	200		200	
	Safety Equipment PM/Repairs	100		100	
	SCADA System PM/Repairs			0	
	Telecommunications PM/Repairs	100		100	
	Warehouse Total		\$1,300		\$1,300
UV	Control Panel PM/Repairs	4,000		4,000	
	Electrical Distribution PM/Repairs	500		500	
	HVAC Equipment PM/Repairs	300		300	
	Instrumentation PM/Repairs	400		400	
	LAN PM/Repairs	100		100	
	Lighting Equipment PM/Repairs	400		400	
	Motor PM/Repairs	200		200	
	Safety Equipment PM/Repairs	100		100	
	SCADA System PM/Repairs	700		700	
	Telecommunications PM/Repairs	50		50	
	UV Total		\$6,750		\$6,750

Designation	Recommendations	FY13 Approved	Total	FY14 Budgeting	Total
Press	Control Panel PM/Repairs	200		200	
	Electrical Distribution PM/Repairs	900		900	
	HVAC Equipment PM/Repairs	2,000		2,000	
	Instrumentation PM/Repairs	1,000		1,000	
	LAN PM/Repairs	200		200	
	Lighting Equipment PM/Repairs	500		500	
	Motor PM/Repairs	200		200	
	Safety Equipment PM/Repairs	200		200	
	SCADA System PM/Repairs	2,000		2,000	
	Telecommunications PM/Repairs	200		200	
	Pre	ss Total	\$7,400		\$7,400
Cryo	Control Panel PM/Repairs	200		200	
	Electrical Distribution PM/Repairs	200		200	
	HVAC Equipment PM/Repairs	150		150	
	Instrumentation PM/Repairs	2,000		2,000	
	LAN PM/Repairs	,		0	
	Lighting Equipment PM/Repairs	100		100	
	Motor PM/Repairs	2,000		2,000	
	Safety Equipment PM/Repairs			0	
	SCADA System PM/Repairs			0	
	Telecommunications PM/Repairs	100		0	
	·		\$4,750		\$4,650

Designation	Recommendations	FY13 Approved	Total	FY14 Budgeting	Total
Administration	Control Panel PM/Repairs	200		200	
	Electrical Distribution PM/Repairs	300		300	
	HVAC Equipment PM/Repairs	300		300	
	Instrumentation PM/Repairs	400		400	
	LAN PM/Repairs	500		500	
	Lighting Equipment PM/Repairs	300		300	
	Motor PM/Repairs	500		500	
	Safety Equipment PM/Repairs	400		400	
	SCADA System PM/Repairs	500		500	
	Telecommunications PM/Repairs	1,000		1,000	
	Administration Total		\$4,400		\$4,400
Maintenance Garage	Control Panel PM/Repairs	100		100	
	Electrical Distribution PM/Repairs	200		200	
	HVAC Equipment PM/Repairs	200		200	
	Instrumentation PM/Repairs			0	
	LAN PM/Repairs	200		200	
	Lighting Equipment PM/Repairs	300		300	
	Motor PM/Repairs	200		200	
	Safety Equipment PM/Repairs	100		100	
	SCADA System PM/Repairs			0	
	Telecommunications PM/Repairs	200		200	
	Maintenance Garage Total		\$1,500		\$1,500

Designation	Recommendations	FY13 Approved	Total	FY14 Budgeting	Total
CRAS	Control Panel PM/Repairs	100		100	
	Electrical Distribution PM/Repairs	100		100	
	HVAC Equipment PM/Repairs	100		100	
	Instrumentation PM/Repairs	1,000		1,000	
	LAN PM/Repairs	100		100	
	Lighting Equipment PM/Repairs	200		200	
	Motor PM/Repairs	200		200	
	Safety Equipment PM/Repairs	200		200	
	SCADA System PM/Repairs	300		200	
	Telecommunications PM/Repairs	100		300	
		CRAS Total	\$2,400		\$2,500
Digester	Control Panel PM/Repairs	500		500	
	Electrical Distribution PM/Repairs	500		500	
	HVAC Equipment PM/Repairs	800		800	
	Instrumentation PM/Repairs	700		700	
	LAN PM/Repairs	200		200	
	Lighting Equipment PM/Repairs	500		500	
	Motor PM/Repairs	600		600	
	Safety Equipment PM/Repairs	500		500	
	SCADA System PM/Repairs	1,000		1,000	
	Telecommunications PM/Repairs	200		200	
		Digester Total	\$5,500		\$5,500

Designation	Recommendations	FY13 Approved	Total	FY14 Budgeting	Total
Co-Gen	Control Panel PM/Repairs	300		300	
	Electrical Distribution PM/Repairs	300		300	
	HVAC Equipment PM/Repairs	500		500	
	Instrumentation PM/Repairs	1,000		1,000	
	LAN PM/Repairs	200		200	
	Lighting Equipment PM/Repairs	200		200	
	Motor PM/Repairs	500		500	
	Safety Equipment PM/Repairs	300		300	
	SCADA System PM/Repairs	300		300	
	Telecommunications PM/Repairs	200		200	
	Co-Gen Total		\$3,800		\$3,800
Electrical Supplies	Conduit, wire, enclosures, fittings, switches,				
	batteries, cleaning supplies, contact cleaners				
	electronic components, Pneumatic Tubing &				
	Fittings Thermal Overloads, fasteners, strut				
	wire, nuts, etc.	10,000		10,000	
	Electrical Total		\$10,000	10,000	\$10,000
	Grand Total	_	\$90,000		\$90,000

Glenbard Wastewater Authority FY2014 Electrical/Electronics - Support Budget 270 520981

Designation	Recommendations	FY13 Approved	Total	FY14 Budgeting	Total
Administration	Network/Communications Consulting	10,000		10,000	
	Maximo CMMS Consulting	15,000		15,000	
	Intellution iFIX Global Support	10,000		10,000	
	Fire/Security Alarm Systems Monitoring	500		500	
	Software Support Agreements Cisco (Firewarll)	800		800	
	Software Support Agreement IBM (Maximo)	5,000		5,000	
	Software Support Agreement Rockwell (PLC)	1,100		1,100	
	Software Support Agreement WIMS	2,600		2,600	
	Software Support Agreement TimeTrax (Time Clock)	200		200	
	Software Support Symantec (A/V)	750		750	
	Software Support Symantec Backup Exec	5,000		5,000	
	Microsoft Server Select Agreement / Client Select Agreement			2,725	
Flow Metering	ADS Flow Meter Maintenance/Data Analysis	6,500		111,000	
UV	Effluent Ammonia Analyzer Service Contract	3,700		3,700	
Plant Wide	HVAC Refrigeration Repairs	6,500		6,500	
Co-Generation	Switchgear Bi-Annual PM	0		5,700	
	Protection Relay Bi-Annual Calibration	0		4,200	
			\$67,650	<u> </u>	\$184,775

Glenbard Wastewater Authority FY2014 Operations - Supplies Budget 270 520990

ltem	Recommendations	FY13 Approved	Total	FY14 Budgeting	Total
Operating Supplies	Operational Supplies				
	Misc. Supplies	5,000		5,000	
	Home Depot			,	
	Blue Book				
	McMaster-Carr				
	McCann Equipment				
	Ace Hardware				
	Carbit Paint				
	Hose Replacements	5,000		5,000	
		<u> </u>	\$10,000)	\$10,000

Glenbard Wastewater Authority FY2014 Operations - Support Budget 270 520991

Designation	Recommendations	FY13 Approved	Total	FY14 Budgeting	Total
	Ford Hall Company - Clarifier Brush Service Contract	2,800		4,200	
Grit	Solid Waste / Recycle Waste Disposal	20,000		22,000	
	Wetwell Cleaning	3,500		7,000	
Admin	Crown Disposal - Recycling	800		800	
Cryo	Oxygen Purchase for Turnaround	4,000		4,000	
	Mixing & Mass Transfer	20,000		0	
	Geen Cooling Water Conditioning Consultation	4,200		4,500	
UV	Recycle Fees for replaced UV lamps	3,500		0	
			\$58,80	0	\$42,500

Glenbard Wastewater Authority FY2014 Service Charge Budget 270 521130

Item	Recommendation	FY13 Approved	Total	FY14 Budgeting	Total
Service Charge	Village of Glen Ellyn Overhead fees	117,200		125,200	
	Overhead fees are being accounted for in division 270 only. Increase represents a CPI adjustment of 1.7%.		\$117,200		\$125,200

Glenbard Wastewater Authority FY2014 Sludge Disposal - Land App. Budget 270 521150

ltem	Recommendation	FY13 Approved	Total	FY14 Budgeting	Total
Sludge Disposal	Stewart Spreading Trucking fees for Sludge Removal	200,000		170,000	
	Total		\$200,000		\$170,000

Glenbard Wastewater Authority FY2014 Telecomm Budget 270 521195

Recommendations	FY13 Approved	Total	FY14 Budgeting	Total
Call One - Admin - 790-1901 Main Phone Lines (1901, 1902, 1903, 1904)	27,000		35,000	
SCADA Dial-up Lines (0459, 0689, 2097)				
SCADA Pager/Redundant Pager (0958, 4487) SCADA Poling Network				
Office Private Lines (1960, 1974, 1975, 1995, 1996)				
ComEd Rider 27 Alarm (1486) Brokered Nat. Gas Meter Reader (0407)				
ADS Modem (1482)				
SCADA Poling Network AT&T - E-991-DID #'s	2,100		2,200	
AT&T DSL Ports/Primary ISP	1,100		1,100	
Comcast DSL / Secondary ISP	1,100		1,100	
Cellular Service (includes scada aircards)	3,900		5,000	
Comcast - Cable Service	600		600	
=		\$35,800		\$45,000

Glenbard Wastewater Authority FY2014 Electrical Power Budget 270 521201

Item	Recommendation	FY13 Approved	Total	FY14 Budgeting	Total
Electrical Power	Fees for Purchase of Electric Power & ComEd Delivery Services	650,000		600,000	
			\$650,000		\$600,000

Glenbard Wastewater Authority FY2014 Natural Gas - Brokered - Budget 270 521202

Item	Recommendation	FY13 Approved	Total	FY14 Budgeting	Total
Nat. Gas - Brokered	Fees for Direct and Brokered purchase of Natural Gas	100,000		60,000	
			\$100,00	0	\$60,000

Glenbard Wastewater Authority FY2014 Water Budget 270 521203

Item	Recommendation	FY13 Approved	Total	FY14 Budgeting	Total
Water	Fees for Purchase of Potable Water - Village of Glen Ellyn	55,000		55,000	
			\$55,000		\$55,000

Glenbard Wastewater Authority FY2014 Co-Gen Natural Gas Budget 270 521204

Item	Recommendation	FY13 Approved	Total	FY14 Budgeting	Total
Natural Gas	Fees for Purchase of Natural Gas (Co-Generation Unit)	7,000		7,000	
			\$7,000		\$7,000

Glenbard Wastewater Authority FY2014 Office Supplies Budget 270 530100

Item	Recommendation	FY13 Approved	Total	FY14 Budgeting	Total
Office Supplies	Supplies for Administrative Management	12,000		10,000	
	functions (I.e. Office Supplies, Federal Express,				
	UPS, printer/fax, copier supplies, printing)				
	Minolta Bus. Sys. Support (copy machine)	2,000		2,000	
	Postage Meter Rental/Postage	1,300		1,300	
	Coffee Machine Services/Supplies	3,000		3,000	
	Tota	I			
			\$18,300		\$16,300

Glenbard Wastewater Authority FY2014 Administrative Purchasing Budget 270 530200

Item	Recommendation	FY13 Approved	Total	FY14 Budgeting	Total
Administrative	Admin Vehicle Care	0		1,000	
Purchasing	Aerial Photography	0		1,500	
	Celebrating Success	0		1,000	
	Office Decorations	0		500	
		Total			·
			\$0	<u> </u>	\$4,000

Moved \$2,000 from Office Supplies to account for these items more specifically

Glenbard Wastewater Authority FY2014 Laboratory Supplies Budget 270 530106

ltem	Recommendation	FY13 Approved	Total	FY14 Budgeting	Total
Laboratory Supplies	Laboratory Consumables and Glassware	15,000		15,000	
			\$15,000		\$15,000

Glenbard Wastewater Authority FY2014 Safety Budget 270 530225

Item	Recommendation	FY13 Approved	Total	FY14 Budgeting	Total
Admin	Portable Gas Detection Meter Cal Gas	1,200		1,200	
	Portable Gas Detection Meter Repair/Replacement	5,000		5,000	
	Confined Space Equip. Repairs/Replacement	1,200		1,200	
	Safety shoes (\$200 max. allowance)	3,000		3,000	
	Cintas (First Aid Kit Supplies)	1,000		1,000	
	Safety Supplies	1,500		1,500	
	Safety Program Consultations & Training	3,000		3,000	
	Safety Suggestiong Awards (monthly gift cards + Safety sug)	1,500		2,000	
	Site Safety and Signage	500		500	
	Total		\$17,900		\$18,400

Glenbard Wastewater Authority FY2014 Chemical Supplies Budget 270 530440

ltem	Recommendation	FY13 Approved	Total	FY14 Budgeting	Total
Treatment Costs	Chemicals that are utilized through daily operation. Polymer, odor control, struvite control, acid wash, and odor control chemicals Odor Management Odor Chemicals High PSI - Sludgehammer - Press Bldg. Cleaning Polydyne - Polymer Schaners - Struvite Control	60,000		76,000	
	•		\$60,000	=======================================	\$76,000

Glenbard Wastewater Authority FY2014 Uniforms Budget 270 530445

ltem	Recommendation	FY13 Approved	Total	FY14 Budgeting	Total	
Uniforms	Uniform Replacements	7,000	7,000		7,000	
		Total	\$7,000		\$7,000	

270-1 STORMWATER PLANT and Hill AVENUE LIFT STATION O&M NARRATIVE

The Glenbard Wastewater Authority Stormwater Plant is only utilized for operation during excess flow events. The Stormwater Plant is capable of processing 57 MGD of combined sewer flow.

The Hill Avenue Lift Station is also an integrated part of the Stormwater Plant. The lift station conveys flow to the plant as a result of flows greater than 2.5 times average daily flows through the Hill Avenue Regulator. The lift station only operates during wet weather events as part of the system that protects the Glenbard Plant from excessive high flow situations created in part by the combined sewers in the Northern section of the Village of Lombard.

Budget 2013-2014 Operations & Maintenance Division 271 Stormwater Plant

REVENUE

	Actual FY2011	Actual FY2012	Approved FY2013	Estimated FY2013	Budgeting FY2014
Operations/Maintenance					
450015 Lombard Share	210,027	251,751	217,100	182,150	0
DIVISION 271	210,027	251,751	217,100	182,150	0

All revenues are being accounted for in Division 270 beginning FY2014

Budget 2013-2014 Operations & Maintenance	otes		EXPE	NSES		
Division 270-1 Stormwater Plant & Hill Avenue Lift Station	Footnotes	Actual FY 2011	Actual FY 2012	Approved FY 2013	Estimated FY 2013	Budgeting FY 2014
	_					
Personnel Services		40.054	00.040	00.500	40.500	
510100 Salaries - Regular	1	19,951	36,612	20,500	19,500	0
510200 Salaries - Overtime		3,109	3,223	5,000	350	(
510400 FICA		1,679	2,880	1,600	1,500	(
510500 IMRF		2,990	4,725	2,700	2,300	(
Total		27,729	47,440	29,800	23,650	
Operations & Maintenance						
520775 Regulatory Fees		20,000	20,000	23,000	20,000	23,000
520776 TMDL Commitment (Lombard)		3,027	3,027	3,100	3,100	(
520885 Insurance - Liability		9,165	11,044	9,900	9,900	(
520895 Insurance - Health		4,100	5,100	5,500	5,150	(
520970 Maint Bldgs. & Grnds.		8,308	7,703	12,000	12,200	11,800
520975 Maint Equipment		2,373	7,383	4,100	3,700	4,100
520980 Maint Electronics	2	51,284	59,236	53,500	54,000	5,400
521130 Overhead Fees		2,500	2,900	2,900	2,900	(
521195 Telecommunications		2,735	2,240	2,600	2,300	(
521201 Electric Power	_	34,692	25,059	20,000	13,750	20,000
521202 Natural Gas	1	3,699	2,936	3,000	3,000	3,000
521203 Water		3,793	12,284	6,000	2,000	6,000
530105 Operations		1,407	1,480	1,700	1,500	1,700
Total		147,083	160,392	147,300	133,500	75,000
		,	,	, , , , , , ,	,	,000
Commodities						
530440 Chemicals		35,215	43,919	40,000	25,000	40,000
Total		35,215	43,919	40,000	25,000	40,000
Total 270	-1	210,027	251,751	217,100	182,150	115,000

270-1 STORMWATER PLANT & HILL AVENUE LIFT STATION O&M FOOTNOTES

(1) SALARIES:

The salaries have been relocated to Division 270.

(2) MAINTENANCE ELCTRONICS (\$5,400):

The reduction in this line item cost is due to the flow metering costs being relocated to Division 270.

270-2 NORTH REGIONAL INTERCEPTOR and ST. CHARLES RD. LIFT STATION O&M NARRATIVE

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

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

Budget 2013-2014 Operations & Maintenance Division 272 North Regional Interceptor

REVENUE

	Actual FY2011	Actual FY2012	Approved FY2013	Estimated FY2013	Budgeting FY2014
Operation/Maintenance					
450015 Glen Ellyn	6,782	6,311	18,385	16,734	0
450010 Lombard	11,086	10,142	35,065	31,916	0
DIVISION 272	17,868	16,453	53,450	48,650	0

All revenues are being accounted for in Division 270 beginning FY2014

Budget 2013-2014 Operations & Maintenance		otes		EXPENSES			
270-2 NRI / St. Charles		Footnotes	Actual FY2011	Actual FY2012	Approved FY2013	Estimated FY2013	Budgeting FY2014
	Personnel Services					.,	
510100	Salaries - Regular	1	3,320	2,743	3,000	3,150	0
510200	Salaries - Overtime		269	26	500	0	0
510400	FICA		261	202	250	250	0
510500	IMRF		521	329	400	350	0
	Total		4,371	3,300	4,150	3,750	0
St. Charles Rd.	Lift Station	2					
520885 SC	Insurance - Liability		0	0	0	0	0
520895 SC	Insurance - Health		0	0	0	0	0
520970 SC	Maint Bldg. & Grnds.		0	0	0	0	600
520975 SC	Maint - Equipment	3	0	0	0	0	10,850
520980 SC	Maint Electronics		0	0	0	0	5,700
521130 SC	Overhead Fees		0	0	0	0	0
521201 SC	Electric Power		0	0	0	0	11,000
	Total		0	0	0	0	28,150
North Regional	Intercentor						
520970 NRI	Maint Piping & Grnds.		0	0	36,000	21 600	1 000
	Insurance - Liability		5,474	5,284	36,000 4,800	31,600 4,800	1,000
	Insurance - Health		1,000	1,200	1,300	1,300	0
	Maint Electronics		6,423	5,969	6,500	6,500	0
	Overhead Fees		600	700	700	700	0
1	Telecommunications		0	0	0	0	0
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	Total		13,497	13,153	49,300	44,900	1,000
							······································
	Total 270-2		17,868	16,453	53,450	48,650	29,150

270-2 NORTH REGIONAL INTERCEPTOR & ST. CHARLES RD. LIFT STATION O&M FOOTNOTES

(1) SALARIES:

The salaries have been relocated to Division 270.

(1) ST. CHARLES RD. LIFT STATION EXPENSES:

The expenses for St. Charles Rd. Lift Station prior to FY2014 can be found under the Budget Tab for Division 274.

(2) MAINTENANCE - EQUIPMENT (\$10,850):

A \$10,000 increase in this line item is indicative of the annual maintenance work that is required to be completed on the new submersible pumps.

270-3 SOUTH REGIONAL INTERCEPTOR and VALLEY VIEW LIFT STATION O&M NARRATIVE

The South Regional Interceptor (SRI) begins at the Valley View Lift Station which conveys flow approximately 1.0 mile before it becomes a gravity sewer which flows into the SRI Pump Station. The SRI Pump Station pumps the wastewater a short distance to a junction chamber for the NRI, SRI and 22nd Street flow. The junction chamber combines the three (3) interceptor pipes and conveys the flow through a 60" main line to the Glenbard Facility. Through the 1.5 miles the pipe diameter changes from 18" to 30" as three additional sewers enter the SRI.

The wastewater in the SRI is exclusively from collection systems operated and maintained by Illinois-American Water, a private utility company regulated by the Illinois Commerce Commission. Glenbard provides wastewater treatment for Illinois-American Water, who pays a user charge for this service to the Village of Glen Ellyn. This responsibility was acquired by the Village of Glen Ellyn as the "Operating Agency" for the Glenbard Wastewater Authority per an Intergovernmental Agreement. This limits the partners of the Glenbard Wastewater Authority to the Village of Glen Ellyn and the Village of Lombard.

Budget 2013-2014
Operations & Maintenance
Division 273
South Regional Interceptor

REVENUE

	Actual FY2011	Actual FY2012	Approved FY2013	Estimated FY2013	Budgeting FY2014
Operation/Maintenance					
450010 Glen Ellyn	20,503	18,419	58,650	34,350	0
DIVISION 273	20,503	18,419	58,650	34,350	0

All revenues are being accounted for in Division 270 beginning FY2014

Footnotes **EXPENSES** Budget 2013-2014 **Operations & Maintenance** 270-3 Actual Approved Estimated Budgeting Actual SRI / Valley View L.S. FY2011 FY2012 FY2013 FY2013 FY2014 Personnel Services 510100 Salaries - Regular 975 1,000 0 1 648 750 0 510200 Salaries - Overtime 134 31 500 200 0 510400 FICA 80 49 100 100 510500 IMRF 156 82 150 150 0 Total 1,345 810 1,750 1,200 0 Valley View Lift Station 2 520970 VV Bldg. & Grnds. Support 0 0 0 0 1,000 520975 VV Maint. - Equipment ō 0 0 0 2,100 520980 VV 0 0 0 0 1,700 Maint. - Electronics 521201 VV Electric Power 5,000 0 0 0 0 South Regional Interceptor 520776 TMDL Commitment 2,112 2112 2,100 2,200 0 520885 Insurance - Liability 0 3,137 2358 2,200 2,200 520895 Insurance - Health 1,000 500 700 650 0 1,000 520970 Maint. - Piping & Grnds. 36,000 13,800 0 0 520975 Maint. - Equipment 0 525 0 0 0 520980 Maint. - Electronics 12,309 11814 15,600 14,000 521130 Overhead Fees 300 300 300 0 600 17,609 56,900 Total 19,158 33,150 10,800 Total 270-3 18,419 20,503 58,650 34,350 10,800

270-3 SOUTH REGIONAL INTERCEPTOR & VALLEY VIEW LIFT STATION O&M FOOTNOTES

(1) SALARIES:

The salaries have been relocated to Division 270.

(2) VALLEY VIEW LIFT STATION EXPENSES:

The expenses for Valley View Lift Station prior to FY2014 can be found under the Budget Tab for Division 275.

Budget 2013-2014 Operations & Maintenance Division 274

St. Charles Road Lift Station

REVENUE

		Actual FY2011	Actual FY2012	Approved FY2013	Estimated FY2013	Budgeting FY2014
Operation/	Maintenance					
450010	Glen Ellyn	78,834	65,731	81,160	69,250	0
						WA.
DIVISION 2	274	78,834	65,731	81,160	69,250	0

Budget 2013-2014

EXPENSES

Operations	&	Maintenance
- p		

Division 274	1116 00 11	Actual	Actual	Approved	Estimated	Budgeting
St. Charles Ro		FY2011	FY2012	FY2013	FY2013	FY2014
Personnel Ser						
	Salaries - Regular	10,239	5,221	7,000	3,100	0
	Salaries - Overtime	6,344	652	1,200	500	0
510400	4	1,207	421	550	350	0
510500	IMRF	1,959	693	250	400	0
	Total	19,749	6,987	9,000	4,350	0
Operations & I	l Maintenance					
520885	Insurance - Liability	1,230	5720	5,100	5,200	0
520895	Insurance - Health	2,100	2100	2,300	2,200	0
520970	Bldg. & Grnds. Support	618	201	600	500	0
520975	Maint Equipment	181	616	12,850	9,000	0
520980	Maint Electronics	32,707	30284	32,500	33,000	0
521130	Overhead Fees	1,200	1200	1,200	1,200	0
521195	Telecommunications	3,018	4163	6,610	4,800	0
521201	Electric Power	18,031	14460	11,000	9,000	0
	Total	59,085	58,744	72,160	64,900	0
Total Division	274	78,834	65,731	81,160	69,250	0

Budget 2013-2014
Operations & Maintenance
Division 275
Valley View Lift Station

REVENUE

	Actual FY2011	Actual FY2012	Approved FY2013	Estimated FY2013	Budgeting FY2014
Operation/Maintenance					
450010 Glen Ellyn	18,990	23,948	23,900	20,000	0
				, , , , , , , , , , , , , , , , , , , ,	
DIVISION 275	18,990	23,948	23,900	20,000	0

EXPENSES

Budget 2013-2014 Operations & Maintenance

Division 275 Valley View Li	ft Station	Actual FY2011	Actual FY2012	Approved FY2013	Estimated FY2013	Budgeting FY2014
Personnel Services				**************************************		
	Salaries - Regular	3,565	4,155	4,000	3,000	0
	Salaries - Overtime	1,645	2,609	1,500	800	0
510400		378	490	600	350	0
510500	IMRF	612	811	900	600	0
	Total	6,200	8,065	7,000	4,750	0
Operations &	l Waintenance				····	
520885	Insurance - Liability	615	1938	1,800	1,800	0
520895	Insurance - Health	1,100	1000	1,200	1,150	0
520970	Bldg. & Grnds. Support	879	879	1,000	1,350	0
520975	Maint Equipment	0	990	2,100	2,250	0
520980	Maint Electronics	3,233	2534	4,300	3,000	0
521130	Overhead Fees	600	600	600	600	0
521195	Telecommunications	1,149	897	900	1,100	0
521201	Electric Power	5,214	7045	5,000	4,000	0
	Total	12,790	15,883	16,900	15,250	0
Total Division	275	18,990	23,948	23,900	20,000	0

Budget 2013-2014
Operations & Maintenance
Division 276
SRI Lift Station

REVENUE

	Actual FY2011	Actual FY2012	Approved FY2013	Estimated FY2013	Budgeting FY2014
Operation/Maintenance					
450010 Glen Ellyn	6,481	4,658	4,700	4,550	0
DIVISION 276	6,481	4,658	4,700	4,550	0

Budget 2013-2014

EXPENSES

Operations	& Maintenance	

Division 276 SRI Lift Stat		Actual FY2011	Actual FY2012	Approved FY2013	Estimated FY2013	Budgeting FY2014
Personnel S	ervices					
5101	00 Salaries - Regular	901	1,179	1,000	2,100	0
5102	00 Salaries - Overtime	0	0	0	0	0
	00 FICA	66	86	100	200	0
5105	00 IMRF	107	139	150	300	0
	Total	1,074	1,404	1,250	2,600	0
Operations &	& Maintenance					
520885	Insurance - Liability	615	1438	1,300	1,300	0
520895	Insurance - Health	1,100	200	300	300	0
520975	Maint Equipment	0	100	750	150	0
520980	Maint Electronics	0	1045	1,000	100	0
521130	Overhead Fees	600	100	100	100	0
521201	Electric Power	3,092	371	0	0	0
	Total	5,407	3,254	3,450	1,950	0
Total Division	on 276	6,481	4,658	4,700	4,550	0

Budget 2013-2014
Operations & Maintenance
Division 277
Sunnyside Lift Station

REVENUE

		Actual FY2011	Actual FY2012	Approved FY2013	Estimated FY2013	Budgeting FY2014
Operation/	/Maintenance					
450010	Glen Ellyn	1,273	965	3,350	1,350	0
DIVISION 2	277	1,273	965	3,350	1,350	0

Budget 2013-2014 EXPENSES

Operations &	Maintenance					
Division 277		Actual	Actual	Approved	Estimated	Budgeting
Sunnyside Life	Station	FY2011	FY2012	FY2013	FY2013	FY2014
Personnel Ser						
510100	Salaries - Regular	42	69	1,000	200	0
	Salaries - Overtime	0	0	0	0	0
510400		3	5	100	50	0
510500	IMRF	5	8	150	50	0
	Total	50	82	1,250	300	0
Operations &						· · · · · · · · · · · · · · · · · · ·
520885	Insurance - Liability	246	445	400	450	0
520895	Insurance - Health	500	200	300	300	0
520975	Maint Equipment	0	0	500	100	0
520980	Maint Electronics	177	138	800	100	0
521130	Overhead Fees	300	100	100	100	0
	Total	1,223	883	2,100	1,050	0
Total Division	277	1,273	965	3,350	1,350	0

GLENBARD WASTEWATER AUTHORITY FUND 40 CAPITAL PLAN

DEVENUE	notes											. .	
REVENUE in Thousands \$	Foot	FY(2013) Estimated	FY(2014) Budgeting	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning		Planning
Proceeds from Borrowing Investment Income		0 7	0 10		14	6012 17	0 20		20	20	20	20	0 20
Glen Ellyn Conn Fees Lombard Conn Fees		35 30	25 25	25 25	25 25	25 25	25 25	25 25	25 25				25 25
Interfund Tranfer From Fund 41 Interfund Tranfer From Fund 42		0	210 311										
Interfund Tranfer From Fund 43 Interfund Tranfer From Fund 44		0	142 110										
Interfund Tranfer From Fund 45 Interfund Tranfer From Fund 46		0	29 91										
Interfund Tranfer From Fund 47 EnerNoc Demand Response Program	,	0	23	20	20	40							
Leachate Revenue	2	113	117	38 117	36 117	48 117	117	117	117	117	117		117
Cell Tower Revenue Miscellaneous Revenue	3	27 70	24 10	24 10	24 10	24 10	24 10	24 10	24 10	10	24 10		24 10
Capital Fund Contribution - Glen Ellyn Capital Fund Contribution - Lombard		758 843	1312 1388	1443 1527	1587 1680	1746 1848	1921 2032	2118 2240	2324 2459		2812 2976		3417 3616
Total Capital Fund Contribution TOTAL REVENUE	4	1601 1886	2700 3835	2970 3221	3267 10166	3594 9872	3953 4174	4358 4579	4783 5004	5262	5788 6009	6366	7033 7254
EXPENSES in Thousands \$	2,35	2,466,26		and professional	12.594 Tel	95 (4 pt 10)		0.000	gramay (V. 1955			
Debt Service Payments:		FY(2013) Estimated	Budgeting	Planning		Planning							FY(2024) Planning
CSO Project Debt Payment (P&I) - BIP Project Debt Payment (P&I)	5 6	74 380	74 379	37 379	190								
Ana Digester Project Debt Payment (P&I) Sand Filter Project Debt Payment (P&I)	7	589	596	596	596	596	596 980	596 980	596 980		596 980		596 980
Debt Service Subtotal Capital Improvements		1043	1049	1012	786	596	1576	1576	1576		1576		1576
Roling Stock	8	145	111	92	103	110	134	157	146		34	74	130
Small Capital Projects Infastructure Improvements	9 10	100 700	109 429	100 200	100 300	100 300	100 300	100 300	300	300	300	300	100 300
Roof Replacements - Updated based on Repl. Schedule Plant Equipment Rehabilitation	11 12	165 30	61 300	57 300	200 300	100 300	69 300	0 300	0 300		0 300		0 300
Oxygen System Rehabilitation Facility Plan		100 90			400		120					150	
Digester Improvement Project - FY13 Mediated Valley View Lift Station	13	405											
Engineering Construction		124	181 1704				***************************************						
Remote Site Communication			1704				~						
Engineering Construction				26 144									
LCSTF Clarifier Mechanism Replacement Engineering	14		35										
Construction Screening Building HVAC Replacement			250										
Engineering Construction					3 17								
Influent Pump Replacement and Improvements	15												
Engineering Construction			241		228 1900	228 1900							
Intermediate Pump Station Modifications Engineering						107	149						
Construction UNOX Deck Control Improvements							1394						
Engineering Construction						28	38 361						<u> </u>
Final Stage Modifications Engineering						16	23						
Construction							214						
O&M Manual Update Sand Filter Upgrade Project - Bundle with UV and Storage						338							
Engineering Construction (IEPA Loan)				496	344 3223	344 3223							
UV Disinfection Upgrade - Bundle with Sand Filter and Storage Engineering				165	115	115							
Construction (IEPA Loan) Biosolids Covered Storage- Bundle with Sand Filter and UV					1075	1075							
Engineering Construction (IEPA Loan)						174	121 1134	121 1134					
Hauled Wastes Receiving Phase 1													
Engineering Construction							18	26 240					
Primary / Waste Activated Sludge Thickening Phase 2 & 3 Engineering							111	154					
Construction Biosolids Dewatering Equipment Replacement								1446					
Engineering Construction		-			· · · · · · · · · · · · · · · · · · ·			183	127 1191	127 1191			
Liquid Biosolids Storage Improvements Engineering								148	103				
Construction						· · · · · · · · · · · · · · · · · · ·		140	961	961			
Chemical Phosphorus Removal Engineering				**************					49				
Construction Grit Building MCC Replacement										643			·
Engineering Construction										17	22 221		
Cryo Building MCC and PLC Replacement Engineering										21	29		
Construction Elect. Service, Backup & Redundancy Projects											277		
Engineering										126			
Construction PLC Replacements										_	1631		
Engineering Construction										64	88 827	'	
Site Lighting Engineering										20			
Construction Stormwater Plant Lagoon Dredging											253		
Engineering Construction												1344	
Stormwater Plant Barscreen Upgrade Engineering											87		
Construction											01	1136	
Stormwater Plant Grit Collection Upgrade and HVAC Engineering												226	313
Construction Project Total		1859	3421	1580	8308	8458	4586	4309	3277	4179	4370	3751	2960 4103
IFT/DEBT SERVICES / PROJ TOTAL	alv, v	2902			A STATE	9054	6162	5885	ARAYSARA,		A 11 (17 (17 (18)		5679
		2570 W 3.7			18 75			- C1 9 1390	7 (35 g)	200000000000000000000000000000000000000			
Cash on Hand 5/1 Gain/Loss FY		3410 (1016)	2394 (635)	1759 629	2388 1072	3460 818	4278 (1988)	2290 (1306)		1135 (272)	863 63		2185 1575
Cash on Hand 4/30		2394	1759	2388	3460	4278	2290	984	1135	863	925	2185	3760

	100.150		Actual FY2011	Actual FY2012	Approved FY2013	Estimated FY2013	Budgeting FY2014
40	480450	PROCEEDS FROM BORROWING	659,556				
40	460100	INVESTMENT INCOME	7,186	5,853	7,000	7,000	10,00
40	440600 440601	CONNECTION FEES - GLEN ELLYN CONNECTION FEES - LOMBARD	63,078	16,124	15,000	35,000	25,00
40	440601	INTERFUND TRANSFER FROM FUND 41	8,555	18,299	20,000	30,000	25,00
40	440700	INTERFUND TRANSFER FROM FUND 41					210,00 311,00
40	440701	INTERFUND TRANSFER FROM FUND 42 INTERFUND TRANSFER FROM FUND 43	 				142,00
40	440703	INTERFUND TRANSFER FROM FUND 44	-				150,00
40	440704	INTERFUND TRANSFER FROM FUND 45	+				29,00
40	440705	INTERFUND TRANSFER FROM FUND 46	 				91,00
40	440706	INTERFUND TRANSFER FROM FUND 47	1				23,00
40	480600	ENERNOC DEMAND RESPONSE PROGRAM	 			3,000	8,00
40	480700	LEACHATE REVENUE	<u> </u>			113,000	117,00
40	480800	CELL TOWER REVENUE	 		24,000	27,000	24,00
40	489000	MISCELLANEOUS REVENUE	13,734	7,451	24,000	70,000	24,00
40	450225	EQUIPMENT REPLACEMENT FUND	10,704	7,431		70,000	
40	450010	GLEN ELLYN - 42%	1,071,690	700,907	758,139	758,139	1,317,60
40	450015	LOMBARD - 58%	1,128,310	766,493	842,661	842,661	1,382,40
	NUES TOTAL:	EOMBAIND - 30 A	2,952,109	1,515,127	1,666,800	1,885,800	3,865,00
1 \ L. V L.	HOLO TOTAL.		2,932,109	1,313,127	1,000,000	1,000,000	3,003,00
PRIN	CIPAL & INTERE	ST:					
40	550050	IEPA CSO LOAN PRINCIPAL (From Int. Fund 41)				68,000	68,00
40	550900	IEPA CSO LOAN INTEREST EXPENSE (From Int Fund 41)				6,000	6,00
40	550100	IEPA BIOSOLIDS LOAN PRINCIPAL	221 202	220.072	349.000	349,000	246.00
40	550950	IEPA BIOSOLIDS LOAN INT EXP	331,303	339,872	348,000 31.000	31,000	346,00
40	วอบขอบ	IEPA BIOSOLIOS LOAN INT EXP	47,524	38,954	31,000	31,000	33,00
40	550110	IEPA DIGESTER PRINCIPAL	361,116	391,528	370,200	429,000	437,00
40	550960	IEPA DIGESTER INTEREST	159,829	159,244	150,800	160,000	160,00
PRIN	CIPAL & INTERE	ST TOTALS:	899,772	929,598	900,000	1,043,000	1,050,00
CAPI	TAL OUTLAY						
40	520700	LEGAL GENERAL COUNSEL		31,852			
40	570155	ROLLING STOCK - VEHICLES	19,916	01,002	185,000	145,000	111,00
40	580120	SMALL CAPITAL PROJECTS	125,181	51,379	126,000	100,000	109,00
40	580140	INFRASTRUCTURE UPGRADES	55,330	215,929	520,000	700,000	429,00
40	580145	ROOF UPGRADES	50,550	128	100,000	165,000	61,00
40	580150	PLANT EQUIPMENT REHABILITATION	19,177	127,206	30,000	30,000	300,00
40	580150	OXYGEN SYSTEM REHABILITATION	10,177	121,200	350,000	100,000	050,00
40	580150	CRYO 1 YR & 5 YR MAINTENANCE		6,272	20,000	,	
40	580170	SCREW PUMP REHAB OR REPLACEMENT	1	0,2.2	850,000	0	
45	580140	VALLEY VIEW LIFT STATION DESIGN		-	550,555	124,000	
40	580180	VALLEY VIEW L.S. CONSTRUCTION & ENGINEERING				121,000	1,885,00
40	580180	RAW PUMP VFD REPLACE/CONTROL ROOM			50,000	0	1,000,00
40	580190	ELECTRICAL DISTRIBUTION MAINTENANCE				-	
40	580200	STORMWATER PLANT CLARIFIER COLLECTOR REHAB					285,00
40	580300	INFLUENT PUMP REPLACEMENT & IMPROVEMENTS DESIGN					241,00
40	580600	FACILITY PLAN	 			90,000	
40	580610	ASSET ANALYSIS		38,500		,0	
40	580235	BIO SOLIDS ENGINEER SERVICES	141,991	53,016			
40	580239	ANAEROBIC DIGESTER IMPROVEMENTS	1,== 1	253,534		405,000	
40	580239	CONSTRUCTION	442,187			,	
40	580450	ST. CHARLES LIFT STATION	1,560	1,802			
40			1 .,,,,,,	.,552			
40				+			
	TAL OUTLAY TO	TALS:	805,342	779,618	2,231,000	1,859,000	3,421,00
PRIN	CIPAL & INTERE	ST / CAPITAL OUTLAY TOTALS	1,705,114	1,709,216	3,131,000	2,902,000	4,471,00

FUND 40 CAPITAL FOOTNOTES

(1) EnerNoc Demand Response Program (\$8,000):

The PJM Emergency Load Response Program enables the program participants to receive payment for being available to reduce or eliminate electricity consumption when the reliability of the electric grid is in jeopardy and voltage reductions and rolling brownouts are imminent. Being a part of this program makes us a part of the solution. It makes us a steward of electrical consumption since we are able to help reduce possible short comings to the electrical grid and we get paid for it.

(2) <u>Leachate Revenue (\$117,000):</u>

Three (3) trucks a day at \$0.025/gallon will provide GWA with approximately \$117,000/year in additional revenue. The contract is a two (2) year deal beginning in FY2013 with a ninety (90) day out clause, and a 48 hour stop clause. If for any reason, the leachate has any ill effects on the treatment process Waste Management will halt all deliveries until the process recuperates.

(3) Cell Tower Revenue (\$24,000):

From and after the Commencement Date, GWA licenses to AT&T the use of a space in and/or on the Property, comprising not more than nine hundred square feet (900 sq. ft.) oriented in a roughly 20 foot x 45 foot area. GWA also granted to AT&T and its representatives the right of access to the Premises (and other necessary areas of the Property).

This License runs for five (5) years, plus three (3), five (5) year terms renewable at AT&T's option. The initial term begins on the Commencement Date. As used in the License, "term" means the initial term and any renewal term. The Agreement shall automatically renew upon the same terms and conditions unless AT&T notifies Licensor in writing of AT&T's intention not to renew this Agreement at least sixty (60) days prior to the expiration of the existing term.

AT&T will pay GWA annually a license fee of Twenty Four Thousand Dollars \$24,000. The license fee shall be increased annually by four percent (4.0%).

(4) Equipment Replacement Fund (\$2,700,000):

The Equipment Replacement Fund relies on dedicated contributions from both communities to support GWA capital expenses. Returning to the Fund 40 contribution allocates capital revenue and expenses to one fund which has historically been and should continue to be the means of equipment rehabilitation. Based on Facility Planning efforts during FY2013 the Equipment Replacement Fund 40 will be increased annually based on project demands for the next 10 years. The first year FY2014 will see an increase of 11% from FY2013. FY2013 was an 8% increase overall from FY2012, so the facility planning efforts have yielded an additional 3% increase over the prior year, but will average out the years between FY1998 and FY2014 to be 7% as recommended by the Johnson Study in FY1985. The Facilities Plan indicates that the associated projects that have been outlined for the next 10 years require a 9% increase annually after FY2014 to remain solvent with reserves. This is only a 2% increase over the recommended 7% contribution agreed to in 1985.

(5) CSO Project Debt Payment (\$74,000):

This is the repayment of IEPA Loan for the 2001 rehabilitation of the Stormwater 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.

(6) BIP Project Debt Payment (\$379,000):

This is the principal and interest 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.

(7) Digester Improvement Project Debt Payment (\$596,000): This is the principal and interest payment of IEPA Loan for the 2009 installation of a new 80' digester at the Glenbard Plant. Also included in this project was some cleanup work from the BIP Project. The amount of the loan was \$6,499,070 to be paid back over fifteen (15) years at an interest rate of 2.5%. Substantial completion was awarded near the end of FY2011. As of February 2013 Final Completion has not been awarded, but the project has successfully mediated with only a punch list of work to complete. Repayment to the IEPA loan began during FY2011.

(8) Rolling Stock (\$111,000):

This year GWA will be replacing two vehicles per the vehicle replacement schedule identified in the appendix of the FY2014 budget.

(9) Small Capital Projects (\$109,000):

This cost center provides for small capital replacements. A few of the planned projects for FY2014 are listed below:

Replacement Lathe (Used) \$10,000 Crossover Connection in the Digester Bldg \$10,000

Supplied Air Respirator System Replacements	\$12,500
Workstation Replacements SCADA & LAN	\$10,000
Interior Lighting Replacements	\$16,000

(10) Infrastructure Improvements (\$429,000):

This cost center provides for various infrastructure improvements throughout the GWA Facilities. A few of the planned projects for FY2014 are listed below:

Fence Replacement – Glenbard Plant	\$90,000
Admin Parking Upgrade	\$80,000
Dewatering Press Room AHU Replacement	\$35,000
Nitro Magnetic Flow Meter Replacement	\$30,000
Primary Sludge Density Meter	\$35,000
SCADA Remote Sites Radio Survey	\$15,000
Admin Bldg Entry Door Upgrade	\$15,000
Sand Filter Sand	\$25,000
Replace Exterior Sand Filter Bldg Stairs	\$17,000
Clarifier Trough Repairs (2 nd Year of 4-year Project)	\$25,000

(11) Roof Replacements (\$61,000):

This year GWA will be replacing two roofs at the Stormwater Plant per the Roof Replacement Schedule in the appendix of the FY2014 budget.

(12) Plant Equipment Rehabilitation (\$300,000):

This cost center provides for various equipment rehabilitations throughout the GWA Facilities. A few of the planned projects for FY2014 are listed below:

Replacement Barscreen Screw Conveyor	\$17,000
Clarifier Weir Brush System	\$25,000
Limitorque MX Actuators Primary Pump Inlet	\$15,000
Grit Blower Rehabilitation	\$15,000
Grinder Exchange Program (3yr plan through FY2016)	\$15,000
Unox Inlet Valve Replacement (Contracted Installation)	\$105,000
Purge Blower Rehabilitation	\$25,000
Moyno Pump Spare Rotar/Stator (2) – (Year 1 of 3)	\$30,000
Hill Avenue Pump Replacement (Year 1 of 3)	\$30,000
Stormwater Plant Grit Baffle Rehabilitation	\$10,000

(13) Valley View L.S. Construction (\$1,885,000)

This project includes the construction of a submersible lift station station, valve vault, metering manhole, emergency bypass manhole, and generator building. The project includes associated site, structural, piping, electrical, demolition, and miscellaneous other work. The lift station

conveys raw wastewater to the South Regional Interceptor, which conveys wastewater to the Glenbard Plant.

(14) Stormwater Plant Clarifier Collector Rehab (\$285,000):

During the Stormwater Plant Improvement project it was identified that the clarifier drive carriage steel is deteriorating and may need rehabilitation. The capital money allocated in FY2014 will give GWA an idea to the degree of structural deterioration that has occurred, and the necessary funds to replace both collector mechanisms.

(15) Influent Pump Improvements Design (\$241,000):

This project will focus on design of the aging infrastructure of our Influent Pumping Station. The majority of the system is approximately 17 years old with remaining components such as the hydraulic valve actuator system is original equipment. The most recent improvement was to the influent gates for the barscreen and raw pumping station which were replaced in the early 2000's. The main focus of the project is to replace the Raw Pumps, Variable Frequency Drives, and the Hydraulic Actuators. The station will be updated with pumps that will be able to reduce impacts to the interceptor sewers during high flow events due to their high head loss suction capabilities. This design is set to take place two years before construction so we are prepared for potential bundling of this and two other projects that are scheduled to be designed in FY2015.

FY2014 Lombard Combined Sewerage Treatment Facility Fund 41 Capital Plan

REVENUE in Thousands\$	FY(2011)	FY(2012)	FY(2013)	FY(2014)
	Actual	Actual	Estimated	Budgeting
Interfund Transfer From Capital Fund 40	1263			
Investment Income	2	1	1	
Miscellaneous Revenue	0			
Sinking Fund	0	264	288	0
TOTAL REVENUE	1265	265	289	0
EXPENSES in Thousands\$	FY(2011)	FY(2012)	FY(2013)	FY(2014)
Debt Service Payments:	Actual	Actual	Estimated	Planning
CSO Project Debt Payment (P & I)	74	74	74	0
Debt Service Subtotal	74	74	74	0
Capital Outlay				
Small Capital Projects	0	0	0	
Infrastructure Improvements	14	29	0	
Equipment Rehabilitation	0	7	0	
Roof Replacements	0	0	0	
Capital Improvements				
Lombard Weir Study/ Lombard Upgrades				
Engineering		110	0	
Construction	200	1007	5	
Clarifier Drive Mechanism & Structural Integrity Evaluation			15	
Interfund Transfer To Capital Fund 40				210
Project Total	214	1153	20	210
DEBT SERVICES / PROJECTS TOTAL EXPENSES	288	1227	94	210
		41.0	-	
Cash on Hand 5/1	0	977	15	210
Gain/Loss FY	977	(962)	195	(210)
Cash on Hand 4/30	977	15	210	0

FY2014 North Regional Interceptor Fund 42 Capital Plan

REVENUE in Thousands\$	FY(2011)	FY(2012)	FY(2013)	FY(2014)
	Actual	Actual	Estimated	Budgeting
Sinking Fund	0	152	166	0
TOTAL REVENUE	0	152	166	0
EXPENSES in Thousands\$	FY(2011)	FY(2012)	FY(2013)	FY(2014)
Capital Outlay				
Infrastructure Improvements	0	7	0	
Interfund Transfer To Capital Fund 40				311
Project Total	0	7	0	311
			FILLERAGE	
PROJECTS TOTAL EXPENSES	0	7	0	311
Cash on Hand 5/1	0	0	145	311
Gain/Loss FY	0	145	166	(311)
Cash on Hand 4/30	0	145	311	0

FY2014 South Regional Interceptor Fund 43 Capital Plan

REVENUE in Thousands\$	FY(2011)	FY(2012)	FY(2013)	FY(2014)
	Actual	Actual	Esimated	Budgeting
Sinking Fund	0	68	74	0
TOTAL REVENUE	0	68	74	0
EXPENSES in Thousands\$	FY(2011)	FY(2012)	FY(2013)	FY(2014)
Interfund Transfer To Capital Fund 40				142
Project Total	0	0	0	142
PROJECTS TOTAL EXPENSES	0	0	0	142
Cash on Hand 5/1	0	0	68	142
Gain/Loss FY	0	68	74	(142)
Cash on Hand 4/30	0	68	142	0

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FY2014 Saint Charles Road Lift Station Fund 44 Capital Plan

REVENUE in Thousands\$	FY(2011)	FY(2012)	FY(2013)	FY(2014)
	Actual	Actual	Estimated	Budgeting
Interfund Transfer From Capital Fund 40	2400			
Investment Income	2			
Miscellaneous Revenue	0	0		
Sinking Fund	0	147	161	0
TOTAL REVENUE	2402	147	161	0
EXPENSES in Thousands\$	FY(2011)	FY(2012)	FY(2013)	FY(2014)
Capital Outlay				
Small Capital Projects	0			
Infrastructure Improvements	0	7		
Equipment Rehabilitation	0	19		
Capital Improvements				
St. Charles Lift Station	2400	106	28	
Interfund Transfer To Capital Fund 45	0		40	
Interfund Transfer To Capital Fund 40	0			110
Project Total	2400	132	68	110
		11		
PROJECTS TOTAL EXPENSES	2400	132	68	110
Cash on Hand 5/1	0	2	17	110
Gain/Loss FY	2	15	93	(110)
Cash on Hand 4/30	2	17	110	0

FY2014 Valley View Lift Station Fund 45 Capital Plan

REVENUE in Thousands\$	FY(2011)	FY(2012)	FY(2013)	FY(2014)
414-14-14-14-14-14-14-14-14-14-14-14-14-	Actual	Actual	Estimated	Budgeting
Interfund Transfer From Capital Fund 44			40	
Sinking Fund	0	45	49	0
TOTAL REVENUE	0	45	89	0
EXPENSES in Thousands\$	FY(2011)	FY(2012)	FY(2013)	FY(2014)
Capital Outlay				
Lift Station Improvement	0	0	0	
Engineering			124	
Construction				
Equipment Rehabilitation	0	0	10	
Project Total	0	0	134	0
PROJECTS TOTAL EXPENSES	0	0	134	0
Cash on Hand 5/1	0	0	45	0
Gain/Loss FY	0	45	(45)	0
Cash on Hand 4/30	0	45	0	0

FY2014 SRI Lift Station Fund 46 Capital Plan

REVENUE in Thousands\$	FY(2011)	FY(2012)	FY(2013)	FY(2014)
	Actual	Actual	Estimated	Budgeting
Sinking Fund	0	45	49	0
TOTAL REVENUE	0	45	49	0
EXPENSES in Thousands\$	FY(2011)	FY(2012)	FY(2013)	FY(2014)
		7		
Capital Outlay				
Equipment Rehabilitation	0	0	3	
Interfund Transfer To Capital Fund 40				91
Project Total	0	0	3	91
PROJECTS TOTAL EXPENSES	0	0	3	91
Cash on Hand 5/1	0	0	45	91
Gain/Loss FY	0	45	46	(91)
Cash on Hand 4/30	0	45	91	0

FY2014 Sunnyside Lift Station Fund 47 Capital Plan

REVENUE in Thousands\$	FY(2011)	FY(2012)	FY(2013)	FY(2014)
	Actual	Actual	Estimated	Budgeting
Sinking Fund	0	11	12	0
TOTAL REVENUE	0	11	12	0
EVDENCES in Thomas and \$	FV/2044)	EV/2042)	F)//0040\	EV/004/\
EXPENSES in Thousands\$	FY(2011)	FY(2012)	FY(2013)	FY(2014)
Interfund Transfer To Capital Fund 40				23
Project Total	0	0	0	23
PROJECTS TOTAL EXPENSES	0	0	0	23
Cash on Hand 5/1	0	0	11	23
Gain/Loss FY	0	11	12	(23)
Cash on Hand 4/30	0	11	23	0

FY2014
GLENBARD WASTEWATER AUTHORITY EQUIPMENT REPLACEMENT FUND

FUND 40	Actual FY11 Bdgt	Actual FY 12 Bdgt	Approved FY 13 Bdgt	Estimated FY 13 Bdgt	Budgeting FY14 Bdgt
5966 Equipment Replacement Flow Split - Total = Half of the Whole					1,350,000
Glen Ellyn Flow Split - 47.60%					642,600
Lombard Flow Split - 52.40%					707,400
Equipment Replacement Split in Equity - Total = Half of the Whole					1,350,000
Glen Ellyn Flow Split - 50%					675,000
Lombard Flow Split - 50%					675,000
Total					2,700,000

	Total	Percentage by
	Contribution:	s Contribution
Total Glen Ellyn Equipment Replacement Fund Contribution:	1,317,60	0 49%
Total Lombard Equipment Replacement Fund Contribution:	1,382,40	0 51%

Original Fund 27 & 28 FY1986 through FY1997

Glenbard Wastewater Authority Equipment Replacement Fund

* Fund 27 was defined as the Operation & Maintenance Account * Fund 28 was defined as the Capital Account

						Fund 27	Γ						1	1						
Fiscal	Fund 27 Gler	bard 84.6%	Total Budgeted	IFT Transfers	Glenbard	Stormwater	IFT Transfers	Fund 27	NRI 2.1%	Total Budgeted	IFT Transfers	NRI	Fund 27 SRI 1.3%	IFT Transfers	Actual	Total	Fund 28	Total	Total	Accumulated
Year	Glen Ellyn	Lombard	Contribution	to Fund 28	Flowsplits	Lombard	to Fund 28	Glen Ellyn	Lombard	Contribution	to Fund 28	Flowsplits	Glen Ellyn	to Fund 28	Contributions	to Fund 28	% Increase	Glen Ellyn	Lombard	Funding
FY(1986)	\$ 28,027.13		\$ 28,027.13			\$ 3,975.48		\$ 238.00	\$ 458.00	\$ 696.00			\$ 430.68		\$ 33,129.29	0.00	0%	\$ 28,695.81	\$ 4,433.48	\$ -
FY(1987)	486,027.00		486,027.00			68,940.00		4,129.00	7,936.00	12,065.00			7,468.50		574,500.50	0.00	0%	497,624.50	76,876.00	-
FY(1988)	242,987.00	282,256.00	525,243.00	520,200.00		73,800.00	73,700.00	4,418.00	8,493.00	12,911.00	13,750.00		7,992.40	7,150.00	619,946.40	614,800.00	100%	255,397.40	364,549.00	614,800.00
FY(1989)	242,987.00	282,256.00	525,243.00	556,600.00		79,000.00	78,950.00	4,496.00	9,138.00	13,634.00	14,000.00		8,551.40	8,475.00	626,428.40	658,025.00	7%	256,034.40	370,394.00	1,272,825.00
FY(1990)	243,519.00	323,236.00	566,755.00	596,000.00	43.4/56.6	84,444.00	85,000.00	4,832.00	9,945.00	14,777.00	15,000.00	32.7/67.3	9,148.10	9,000.00	675,124.10	705,000.00	7%	257,499.10	417,625.00	1,977,825.00
FY(1991)	308,090.00	371,910.00	680,000.00	637,200.00	44/56	90,372.00	90,200.00	5,061.00	10,754.00	15,815.00	16,100.00	32/68	9,790.30	9,600.00	795,977.30	753,100.00	6%	322,941.30	473,036.00	2,730,925.00
FY(1992)	253,884.00	296,485.00	550,369.00	533,000.00	44/56	75,600.00	75,600.00	4,128.00	9,104.00	13,232.00	13,400.00	32/68	8,191.30	8,100.00	647,392.30	630,100.00	-20%	266,203.30	381,189.00	3,361,025.00
FY(1993)	256,274.00	268,331.00	524,605.00	560,192.00	45/55	79,500.00	79,400.00	4,380.00	9,524.00	13,904.00	14,000.00	32/68	8,607.20	8,500.00	626,616.20	662,092.00	5%	269,261.20	357,355.00	4,023,117.00
FY(1994)	265,659.00	341,029.00	606,688.00	588,000.00	45.2/54.8	83,400.00	83,400.00	4,736.00	9,859.00	14,595.00	14,700.00	32.5/67.6	9,035.00	8,900.00	713,718.00	695,000.00	5%	279,430.00	434,288.00	4,718,117.00
FY(1995)	243,431.00	348,656.00	592,087.00	617,600.00	46/54	87,600.00	87,600.00	5,212.00	10,118.00	15,330.00	15,500.00	34/66	9,490.00	9,300.00	704,507.00	730,000.00	5%	258,133.00	446,374.00	5,448,117.00
FY(1996)	256,157.00	335,727.00	591,884.00	648,500.00	44.5/55.5	92,000.00	92,000.00	5,312.00	10,785.00	16,097.00	16,200.00	33/67	9,964.50	9,800.00	709,945.50	766,500.00	5%	271,433.50	438,512.00	6,214,617.00
FY(1997)	278,157.00	369,235.00	647,392.00	681,000.00	42.92/57.08	96,600.00	96,200.00	5,692.00	11,213.00	16,905.00	17,100.00	31.21/68.79	10,465.00	9,800.00	771,362.00	804,100.00	5%	294,314.00	477,048.00	7,018,717.00
TOTALS	\$ 3,105,199.13	\$ 3,219,121.00	\$ 6,324,320.13	\$ 5,938,292.00	,	\$ 915,231.48	\$ 842,050.00	\$ 52,634.00	\$ 107,327.00	\$ 159,961.00	\$ 149,750.00		\$ 99,134.38	\$ 88,625.00	\$ 7,498,646.99	\$ 7,018,717.00		\$ 3,256,967.51	\$ 4,241,679.48	

Original Fund 40 FY1998 through FY2010

Fiscal	Glenbar	d 84.6%	Glenbard	Stormwater 12%	NRI	2.1%	NRI	SRI 1.3%	Actual	Percentage	Total	Total	Accumulated
Year	Glen Ellyn	<u>Lombard</u>	Flowsplits	Lombard	Glen Ellyn	Lombard	Flowsplits	Glen Ellyn	Contributions	Increase	Glen Ellyn	Lombard	Funding
FY(1998)	\$ 237,362.00	\$ 476,938.00	44.48/55.52	\$ 101,400.00	\$ 5,733.00	\$ 12,012.00	32.31/67.69	\$ 10,985.00	\$ 845,000.00	5%	\$ 254,080.00	\$ 590,350.00	\$ 7,863,717.00
FY(1999)	331,337.00	418,463.00	44.19/55.81	106,440.00	6,190.00	12,437.00	33.23/66.77	11,531.00	887,000.00	5%	\$ 349,058.00	\$ 537,340.00	\$ 8,750,717.00
FY(2000)	401,631.00	491,876.00	43.10/56.90	126,720.00	7,236.00	14,940.00	32.63/67.37	13,728.00	1,056,000.00	16%	\$ 422,595.00	\$ 633,536.00	\$ 9,806,717.00
FY(2001)	516,247.00	632,245.00	44.95/55.06	161,300.00	9,416.00	18,808.00	33.36/66.64	17,472.21	1,344,016.00	21%	\$ 543,135.21	\$ 812,353.00	\$ 11,150,733.00
FY(2002)	608,349.00	698,803.00	46.54/53.46	185,411.00	10,477.00	21,970.00	32.29/67.71	20,086.26	1,545,097.00	13%	\$ 638,912.26	\$ 906,184.00	\$ 12,695,830.00
FY(2003)	674,746.00	814,429.00	45.31/54.69	211,230.00	11,958.00	25,007.00	32.35/67.65	22,883.30	1,760,254.00	12%	\$ 709,587.30	\$ 1,050,666.00	\$ 14,456,084.00
FY(2004)	718,811.00	816,454.00	46.82/53.18	217,770.00	12,996.00	25,114.00	34.10/65.9	23,591.54	1,814,734.00	3%	\$ 755,398.54	\$ 1,059,338.00	\$ 16,270,818.00
FY(2005)	786,524.00	849,663.00	47.87/52.13	233,000.00	15,297.00	25,483.00	37.51/62.49	25,244.62	1,941,894.00	7%	\$ 827,065.62	\$ 1,108,146.00	\$ 18,212,712.00
FY(2006)	849,633.00	908,422.00	48.328/51.672	249,400.00	17,075.00	26,559.00	39.133/60.867	27,011.75	2,077,827.00	7%	\$ 893,719.75	\$ 1,184,381.00	\$ 20,290,539.00
FY(2007)	821,398.00	870,602.00	48.546/51.454	240,000.00	16,588.00	25,412.00	39.496/60.504	26,000.00	2,000,000.00	-4%	\$ 863,986.00	\$ 1,136,014.00	\$ 22,290,539.00
FY(2008)	729,051.00	762,949.00	48.864/51.136	216,000.00	15,033.00	22,767.00	32.769/60.231	23,400.00	1,800,000.00	-11%	\$ 767,484.00	\$ 1,001,716.00	\$ 24,090,539.00
FY(2009)	746,126.32	776,674.00	48.997/51.003	216,000.00	14,895.00	22,905.00	39.405/60.595	23,400.00	1,800,000.00	0%	\$ 784,421.32	\$ 1,015,579.00	\$ 25,890,539.00
FY(2010)	826,237.44	865,762.56	48.832/51.168	264,000.00	16,634.31	26,059.32	37.954/62.046	26,000.00	2,000,000.00	10%	\$ 868,871.75	\$ 1,155,821.88	\$ 27,890,539.00
TOTALS	\$ 8,247,452.76	\$ 9,383,280.56		\$ 2,528,671.00	\$ 159,528.31	\$ 279,473.32		\$ 271,333.68	\$ 20,871,822.00		\$ 8,678,314.75	\$ 12,191,424.88	

Intermediate Capital Funding FY2011 through FY2013

	Division 40	Division 41	Fund 42	Fund 43	Fund 44	Fund 45	Fund 46	Fund 47					
Fiscal	Glenbard	Stormwater			St. Charles Rd	Valley View	SRI	Sunnyside	Actual	Percentage	Total	Total	Accumulated
Year	Plant 66.7%	Plant 12%	NRI 6.9%	SRI 3.1%	L.S 6.7%	L.S 2%	L.S 2%	L.S .5%	Contributions	Increase	Glen Ellyn	Lombard	Funding
FY(2011)	1,467,400.00	264,000.00	151,800.00	68,200.00	147,400.00	45,100.00	45,100.00	11,000.00	2,200,000.00	9%	\$ 1,625,800.00	\$ 377,300.00	\$ 30,090,539.00
FY(2012)	1,467,400.00	264,000.00	151,800.00	68,200.00	147,400.00	45,100.00	45,100.00	11,000.00	2,200,000.00	0%	\$ 1,067,340	\$ 1,132,660	\$ 32,290,539.00
FY(2013)	1,600,800.00	288,000.00	165,600.00	74,400.00	160,800.00	49,200.00	49,200.00	12,000.00	2,400,000.00	8%	\$ 1,160,788	\$ 1,239,212	\$ 34,690,539.00
TOTALS	\$ 3,068,200.00	\$ 552,000.00	\$ 317,400.00	\$ 142,600.00	\$ 308,200.00	\$ 94,300.00	\$ 94,300.00	\$ 23,000.00	\$ 4,600,000.00		\$ 2,228,127.76	\$ 2,371,872.24	

Fund 40 FY2014 through FY2024

Fiscal	Glen Ellyn	Lombard Split		Glen Ellyn Split	Lombard Split	% Flow Split		Actual	Percentage	Total	Total	,	Accumulated
Year	Split 50/50	50/50	1/2 Half of Actual	By Flow	By Flow	By Partner	1/2 Half of Actual	Contributions	Increase	Glen Ellyn	 <u>Lombard</u>		Funding
FY(2014)	675,000.00	675,000.00	1,350,000.00	636,930.00	713,070.00	47.18 / 52.82	1,350,000.00	2,700,000.00	11%	\$ 1,311,930.00	\$ 1,388,070.00	\$	37,390,539.00
FY(2015)	742,500.00	742,500.00	1,485,000.00	700,623.00	784,377.00	47.18 / 52.82	1,485,000.00	2,970,000.00	9%	\$ 1,443,123.00	\$ 1,526,877.00	\$	40,360,539.00
FY(2016)	816,750.00	816,750.00	1,633,500.00	770,685.30	862,814.70	47.18 / 52.82	1,633,500.00	3,267,000.00	9%	\$ 1,587,435.30	\$ 1,679,564.70	\$	43,627,539.00
FY(2017)	898,500.00	898,500.00	1,797,000.00	847,824.60	949,175.40	47.18 / 52.82	1,797,000.00	3,594,000.00	9%	\$ 1,746,324.60	\$ 1,847,675.40	\$	47,221,539.00
FY(2018)	988,250.00	988,250.00	1,976,500.00	932,512.70	1,043,987.30	47.18 / 52.82	1,976,500.00	3,953,000.00	9%	\$ 1,920,762.70	\$ 2,032,237.30	\$	51,174,539.00
FY(2019)	1,089,500.00	1,089,500.00	2,179,000.00	1,028,052.20	1,150,947.80	47.18 / 52.82	2,179,000.00	4,358,000.00	9%	\$ 2,117,552.20	\$ 2,240,447.80	\$	55,532,539.00
FY(2020)	1,195,750.00	1,195,750.00	2,391,500.00	1,128,309.70	1,263,190.30	47.18 / 52.82	2,391,500.00	4,783,000.00	9%	\$ 2,324,059.70	\$ 2,458,940.30	\$	60,315,539.00
FY(2021)	1,315,500.00	1,315,500.00	2,631,000.00	1,241,305.80	1,389,694.20	47.18 / 52.82	2,631,000.00	5,262,000.00	9%	\$ 2,556,805.80	\$ 2,705,194.20	\$	65,577,539.00
FY(2022)	1,447,000.00	1,447,000.00	2,894,000.00	1,365,389.20	1,528,610.80	47.18 / 52.82	2,894,000.00	5,788,000.00	9%	\$ 2,812,389.20	\$ 2,975,610.80	\$	71,365,539.00
FY(2023)	1,591,500.00	1,591,500.00	3,183,000.00	1,501,739.40	1,681,260.60	47.18 / 52.82	3,183,000.00	6,366,000.00	9%	\$ 3,093,239.40	\$ 3,272,760.60	\$	77,731,539.00
FY(2024)	1,758,250.00	1,758,250.00	3,516,500.00	1,659,084.70	1,857,415.30	47.18 / 52.82	3,516,500.00	7,033,000.00	9%	\$ 3,417,334.70	\$ 3,615,665.30	\$	84,764,539.00
TOTALS	\$ 12,518,500.00	\$ 12,518,500.00		\$ 11,812,456.60	\$ 13,224,543.40			\$ 50,074,000.00		\$ 37,051,243.62	\$ 43,021,143.00		

Comments Pertaining to the Historical Value of the Equipment Replacement Fund

- ~ 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 FY1986 the O&M Sinking Fund was established with contributions being made to Fund 27, Glenbard Wastewater Authority Operations and Maintnance Fund.
- ~ In 1988 a new Fund was created based off of the Johnson Study recommendations. This was Fund 28, Glenbard Wastewater Authority Capital Equipment Replacement Fund. Fund 27 was the depository for Fund 28 with Inter Fund Trasfers (IFT's) being the vehicle to transfer needed funds into Fund 28. The Equipment Replacement Fund spreadsheet illustrates the deposits, transfers, splits and accumulations of the money.
- ~ 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. It took four fiscal years between FY1992 and FY1996 to return to the contribution level of 1991. 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 FY2004.
- ~ The Sinking Fund was re-evaluated during the FY2007 budget discussions with Village Managers and Finance Directors when it was decided to no longer follow the recommended seven percent (7%) annual increase, but to evaluate the contribution on an annual basis. The Managers agreed to return to the seven percent (7%) annual increase in FY2008.
- ~ The Sinking Fund was again evaluated during budget planning for FY2008 when the decision by Village Managers and Finance Directors moved the Authority away from dedicated annual contributions, but to evaluate the contribution annually. At this time Village Managers and Finance Directors agreed to reduce the annual contribution to the Sinking Fund. It took three fiscal years between FY2008 and FY2010 to return to the contribution level of FY2007.
- ~ FY2011 was the first year that the EOC agreed to change the budget format without an executed IGA. The change to the percentages regarding how the Regional Treatment System was constructed did nothing more than devalue the Glenbard Plant to create arbitrary funds and increase value in others.
- ~ FY 2013 is the third year the budget has been formatted without a supporting IGA. Both Village presidents agreed at the December 2011 EOC meeting that this would be the last budget formatted without a supporting IGA. If an agreeable funding mechanism cannot be achieved by November 2012 the budget will revert back to the 1998 IGA supporting the FY10 budget format.
- ~ Beginning with the FY2013 Facility Plan the Capital Equipment Replacement Fund shall be funded with a mandatory ten percent (10%) increase from fiscal year to fiscal year through the 10 year plan as agreed to by the EOC. The increase to the Fund for FY2014 is actually eleven percent (11%). With this figure the period between FY2000 & FY2014 averages seven percent (7%) contribution.
- ~ FY 2014, The Capital Equipment Replacement Fund 40 is utilizing a unique revenue split approved by both partners. The revenue split shall divide the agreed contribution in half, of which the first half shall be split 50% between partners. The second half of the agreed contribution will be split by the flow utilized to calculate the partners payments. A single Capital Fund (40) shall be used to expense all projects with the approval of the Executive Oversight Committee.

Glenbard Wastewater Authority Summary of Projected Future Debt Service Payments As of May 1, 2013

	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	260,472	712,908
FY12	73,610	378,826	520,945	973,381
FY13	73,610	378,826	597,000	1,049,436
FY14*	73,610	378,826	520,945	973,381
FY15	36,805	378,826	520,945	936,576
FY16		189,413	520,945	710,358
FY17			520,945	520,945
FY18			520,945	520,945
FY19			520,945	520,945
FY20			520,945	520,945
FY21			520,945	520,945
FY22			520,945	520,945
FY23			520,945	520,945
FY24			520,945	520,945
FY25			520,945	520,945
FY26			260,472	260,472
	736,100	3,769,675	7,890,229	12,396,004

FINAL FINAL Estimated

+1P)=7,162,579 P) 107,52

Budget FY 2014

Lombard CSO Upgrade Project

FINAL

Loan # L17-146100

IEPA Loan - Payback Schedule

Loan Amount:

\$642,127

Interest Rate: 2.6750%

Total Value of Loan (Principal + Interest): \$736,095

Fiscal				Total Loan	Remaining
<u>Year</u>	Expense	<u>Interest</u>	<u>Principal</u>	<u>Payment</u>	Balance
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
				in the property of the second	
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 automation which enables staff to start the Lombard equipment from either a SCADA system terminal at the main facility or from a remove 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 total \$641,000.

P) 911,624

Budget FY 2014

Biosolids Improvement Project

FINAL

Loan # L17-146300

IEPA Loan - Payback Schedule

Current Amount Borrowed:

\$3,306,983

Interest Rate: 2.57%

Total Value of Loan (Principal + Interest): \$3,769,678

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

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 with a completion, an extnsion was obtained with a completion date of July 1, 2005. In accordance with the new shcedule, 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.

P) 6,143, 434

Budget FY 2014

Anaerobic Digester

Loan # L17-287400

IEPA Loan - Payback Schedule

Current Amount Borrowed: \$7,324,600.95

Interest Rate: 2.5%

Total Value of Loan (Principal + Interest): \$8,808,877.36

Fiscal <u>Year</u>	<u>Balance</u>	Interest	Principal	Total Loan <u>Payment</u>	Remaining <u>Balance</u>	
	\$7,324,600.95				\$8,808,877.36	
FY 2011	\$6,963,484.97	\$159,828.90	\$361,115.98	\$520,944.88	\$8,287,932.48	
FY 2012	\$6,571,957.46	\$159,243.70	\$391,527.51	\$550,771.21	\$7,737,161.27	
FY 2013	\$6,143,433.52	\$159,649.33	\$428,523.94	\$588,173.27	\$7,148,988.00	
FY 2014*	\$5,698,506.84	\$150,822.32	\$444,926.68	\$595,749.00	\$6,553,239.00	
FY 2015	\$5,242,387.48	\$139,629.64	\$456,119.36	\$595,749.00	\$5,957,490.00	
FY 2016	\$4,774,793.86	\$128,155.38	\$467,593.62	\$595,749.00	\$5,361,741.00	
FY 2017	\$4,295,437.33	\$116,392.47	\$479,356.53	\$595,749.00	\$4,765,992.00	
FY 2018	\$3,804,022.00	\$104,333.67	\$491,415.33	\$595,749.00	\$4,170,243.00	
FY 2019	\$3,300,244.50	\$91,971.50	\$503,777.50	\$595,749.00	\$3,574,494.00	
FY 2020	\$2,783,793.85	\$79,298.35	\$516,450.65	\$595,749.00	\$2,978,745.00	
FY 2021	\$2,254,351.23	\$66,306.38	\$529,442.62	\$595,749.00	\$2,382,996.00	
FY 2022	\$1,711,589.82	\$52,987.59	\$542,761.41	\$595,749.00	\$1,787,247.00	
FY 2023	\$1,155,174.57	\$39,333.75	\$556,415.25	\$595,749.00	\$1,191,498.00	
FY 2024	\$584,762.00	\$25,336.43	\$570,412.57	\$595,749.00	\$595,749.00	
FY 2025	\$0.00	\$10,987.00	\$584,762.00	\$595,749.00	\$0.00	
		1972年第1				
Totals		\$1,484,276	\$7,324,601	\$8,808,877		

Estimated

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 Classification

	Salary	FY 10	FY 11	FY 12	FY 13	FY14
	Range					
Wastewater Manager	S	1	1	1	1	1
Data Tech PT	F	0	0	0	0	0
Seasonal Administrative Secretary		1	1	1	1	1
Administrative Secretary	F	1	1	1	1	1
Totals		3	3	3	3	3
Senior Operator	L	1	1	1	1	1
Plant Operator I / Lab Tech	1	0	0	0	0	0
Plant Operator I	I	2	2	2	2	2
Plant Operator II	Н	0	0	0	0	0
Plant Operator III	G	0	0	0	0	0
Plant Operator IV	F	2	2	2	2	2
Operator-in-Training	Е	0	0	0	0	0
Operator PT		5	5	5	5	5
Wastewater Laboratory Technician	1	1	1	1	1	1
Seasonal / PT Laborer	F	2	2	2	2	2
Totals		13	13	13	13	13
Sr. Maintenance Mechanic	L	1	1	1	1	1
Maintenance Mechanic I	1	2	2	2	2	2
Maintenance Mechanic II	G	0	0	0	0	0
Maintenance Mechanic III	F	0	0	0	0	0
Totals		3	3	3	3	3
Sr. Electronics Tech.	L	1	1	1	1	1
Electronic Technician	J	1	1	1	1	1
Plant Electrician	J	1	1	1	1	1
Totals		3	3	3	3	3
Total Full Time Employees		14	14	14	14	14
Total PT/Seasonal Employees		8	8	8	8	8
Total Full Time Equivalent (FTE)		15.8	15.8	15.8	15.8	15.8

Glenbard Wastewater Authority Salary Schedule - May 1, 2013 through April 30, 2014

Annualized						Hourly							
Range		Min		Mid		Max			Vlin		Mid		Max
FY13/14 Salary Schedule Adjustment = 1.00% Budgeted Merit Increase 2.0%													
Α	\$	34,986	\$	44,117	\$	53,123	(\$	16.82	\$	21.21	\$	25.54
В		36,691		46,322		55,786			17.64		22.27		26.82
С		38,542		48,630		58,656			18.53		23.38		28.20
D		40,477		51,064		61,506			19.46		24.55		29.57
E		42,515		53,622		64,667			20.44		25.78		31.09
F		44,658		56,306		67,912			21.47		27.07		32.65
G		46,904		59,114		71,302			22.55		28.42		34.28
Н		49,254		62,067		74,859			23.68		29.84		35.99
1		51,709		65,187		78,624			24.86		31.34		37.80
J		54,267		68,432		82,514			26.09		32.90		39.67
K		57,013		71,864		86,694			27.41		34.55		41.68
L		59,883		75,462		90,979			28.79		36.28		43.74
M		62,837		79,227		95,472			30.21		38.09		45.90
Ν		65,978		83,179		100,256			31.72		39.99		48.20
0		69,368		87,339		105,477			33.35		41.99		50.71
Р		72,821		91,707		110,677			35.01		44.09		53.21
Q		76,378		96,283		116,085			36.72		46.29		55.81
R		80,267	•	101,109		122,013			38.59		48.61		58.66
S		84,261	•	106,184		128,107			40.51		51.05		61.59

TABLE 1. TOT AL WASTWATER FLOWS AND PERCENTAGES FOR FY2014 BUDGET

MONTH	TOTAL AREA METERS (MG)	GLEN ELLYN AREA (MG)	PERCENT OF TOTAL	LOMBARD AREA (MG)	PERCENT OF TOTAL
Ja:n-08	390.408	201.127	51.52%	189.281	48.48%
Feb-08	433.574	206.946	47.73%	226.628	52.27%
Mar-0⊟	490.831	237.002	48.29%	253.829	51.71%
Apr-0:3	489.150	239.393	48.94%	249.757	51.06%
May-08	474.594	220.312	46.42%	254.282	53.58%
Jun- J8	389.272	191.552	49.21%	197.720	50.79% 52.73%
Jul 08	299.592	141.628	47.27%	157.964 120.903	52.73% 52.14%
Au j-08	231.887	110.984	47.86% 50.82%	222.378	49.18%
Scp-08 Oct-08	452.168 302.221	229.790 148.309	49.07%	153.912	50.93%
'4ov-08	262.700	127.941	48.70%	134.759	51.30%
Dec-08	519.703	245.398	47.22%	274.305	52.78%
Jan-09	335.353	169.684	50.60%	165.669	49.40%
Feb-09	477.504	223.867	46.88%	253.637	53.12%
Mar-09	568.776	285.076	50.12%	283.700	49.88%
Apr-09	587.062	276.928	47.17%	310.134	52.83%
May-09	478.746	226.919	47.40%	251.827	52.60%
Jun-09	399.042	177.490	44.48%	221.552	55.52%
Jul-09	269.663	128.521	47.66%	141.142	52.34%
Aug-09	296.265	136.072	45.93%	160.193	54.07%
Sep-09	237.349	113.479	47.81%	123.870	52.19%
Oct-09	403.154	193.046	47.88%	210.108	52.12%
Nov-09	354.662	172.282	48.58%	182.380	51.42%
Dec-09	454.811	220.232	48.42%	234.579	51.58%
Jan-10	409.125	199.156	48.68%	209.969	51.32%
Feb-10	296.162	145.246	49.04%	150.916	50.96%
Mar-10	542.883	249.942	46.04%	292.941	53.96%
Apr-10	406.316	188.428	46.37%	217.888	53.63%
May-10	456.696	217.035	47.52%	239.661	52.48%
Jun-10	570.984	256.903	44.99%	314.081	55.01%
Jul-10	454.092	226.720	49.93%	227.372	50.07%
Aug-10	485.227	240.563	49.58%	244.664	50.42%
Sep-10 Oct-10	269.518 227.589	122.064 107.105	45.29% 47.06%	147.454 120.484	54.71% 52.94%
Nov-10	249.292	114.965	46.12%	134.327	53.88%
Dec-10	288.979	138.183	47.82%	150.796	52.18%
Jan-11	285.300	142.660	50.00%	142.640	50.00%
Feb-11	430.920	196.060	45.50%	234.860	54.50%
Mar-11	527.500	245.450	46.53%	282.050	53.47%
Apr-11	566.000	261.960	46.28%	304.040	53.72%
May-11	476.910	225.060	47.19%	251.850	52.81%
Jun-11	449.850	224.260	49.85%	225.590	50.15%
Jul-11	341.000	165.980	48.67%	175.020	51.33%
Aug-11	331.590	157.770	47.58%	173.820	52.42%
Sep-11	259.180	119.150	45.97%	140.030	54.03%
Oct-11 Nov-11	254.960 328.590	121.640 150.590	47.71%	133.320	52.29%
Dec-11	376.184	176.681	45.83% 46.97%	178.000 199.503	54.17% 53.03%
Jan-12	365.415	170.001	46.83%	194.287	53.17%
Feb-12	316.518	152.713	48.25%	163.805	51.75%
Mar-12	339.473	162.597	47.90%	176.876	52.10%
Apr-12	269.939	130.528	48.35%	139.411	51.65%
Мау-12	303.295	144.740	47.72%	158.555	52.28%
Jun-12	221.502	106.729	48.18%	114.773	51.82%
Jul-12	251.263	110.964	44.16%	140.299	55.84%
Aug-12	232.703	104.770	45.02%	127.933	54.98%
Sep-12	214.256	100.230	46.78%	114.026	53.22%
Oct-12	248.615	112.922	45.42%	135.693	54.58%
Nov-12	213.457	103.551	48.51%	109.906	51.49%
Dec-12	267.340	124.430	46.54%	142.900	53.45%
AVERAGE	368.785	175.714	47.60%	193.071	52.40%

