

GLENBARD WASTEWATER AUTHORITY
Executive Oversight Committee
Agenda

September 8, 2022

8:45 a.m.

**Meeting will be held at the Glenbard Wastewater Plant
945 Bemis Rd, Glen Ellyn, IL**

1. Call to Order
2. Pledge of Allegiance
3. Roll Call
4. Public Comment
5. New Assistant Executive Director Introduction

The Assistant Executive Director role with the Glenbard Wastewater Authority has recently been filled by Jeremy Henning, who comes to us with 22 years of diverse work experience, including; technology, operations, process improvement, and project management. His past seven years were spent at a local water agency where he was tasked with a broad range of responsibilities and is excited to bring all of his knowledge and expertise to the Glenbard Wastewater Authority.

6. Consent Agenda – The following items are considered to be routine by the Executive Oversight Committee and will be approved with a single vote in the form listed below:

Motion the EOC to approve the following items including Payroll and Vouchers for part of the months of May, June, July and August 2022 \$2,910,700.97 (Trustee Christiansen).

- 6.1 Executive Oversight Committee Meeting Minutes:
June 9, 2022 EOC Meeting

- 6.2 Vouchers Previously Reviewed:
May, June, July and August 2022 – Trustee Christiansen

- 6.3 Ratification of August 3, 2022 Phone Poll Item

- 6.3.1 The Operations Department is requesting approval for a purchase of UNI-CL2V Media for use in our four Unison Solutions siloxane removal tanks. The reason for the needed media replacement is that the gas conditioning skid gas samples and the engine oil samples are starting to see breakthrough of the corrosive siloxane component. The (Total Base Number) TBN of the oil has decreased and the main justification is the siloxanes exponentially decrease the base life of the

oil. This causes us to reduce runtime hours between oil changes to protect the engine from failure as the oil breaks down more quickly.

Since the material itself is not unique or proprietary in nature, multiple quotes were sought; however, no other parties elected to provide pricing as the entire Unison gas scrubbing system is designed using their own product. Therefore, it is also being requested to waive competitive bidding under Section C.1.f of the Village of Glen Ellyn's Purchasing Policy, which states; "Standardization Purchases, as defined as technical in nature of certain items or services may result in the standardization of a particular supplier's specifications being necessary or desirable to Village operations. Competitive bidding may be waived if the Village requires compatibility with existing software, machinery or other existing equipment."

This material does not have a shelf life, and factoring in potential shipping delays and sufficient available funding, it will be beneficial to purchase 2 replacement mediate sets and store the backup set onsite.

It is being requested that the EOC authorize the Authority to purchase the replacement media from Unison Solutions for \$57,068.00 to be invoiced to Capital Account Fund 40-580150.

6.4 Notification of Open Purchase Order for Contract Laboratory Services

The Authority's existing provider for contract lab services, Suburban Laboratories, has recently increased their pricing – and in addition, they have had a number of issues with recent data, which has caused the Authority to have less faith in their ability to complete accurate laboratory analysis. Dave Peters received a quote from First Environmental Laboratories in Naperville, and compared the quote what the Authority is currently paying to Suburban for the same analytical services. It is estimated that by switching to First Environmental, the Authority can save approximately \$1,500 a year, or more depending on the number of samples needing to be sent out. The Authority will also hopefully receive higher quality analytical services on our laboratory data.

Although the EOC had approved to use Suburban Laboratories at the beginning of the year, as seen in the quote, the anticipated annual cost of these services does not exceed the \$25k amount required for EOC approval – therefore, the request for approval was sent to Manager Franz, and it was approved July 26, 2022.

6.5 Declaration of Surplus – Forklift Unit 632, two (x2) Spencer Series 4000 Blower Units, two (x2) Quincy Air Compressor Units, and various Electrical Equipment (see Exhibit A)

At the March 11, 2021 Executive Oversight Committee meeting, the EOC approved the purchase of a new forklift. Traditionally, the Authority has owned two forklifts; one for the main plant for general use, and one for the CSO plant with the sole use of moving grit dumpsters. After the purchase, the Authority no longer had a use for its oldest forklift located the CSO plant, and requested it be declared surplus. The EOC approved the resolution declaring it surplus in June 2021, and the existing forklift that was replaced at the main plant was moved to the CSO plant.

Since that time, the Operations Department has acquired new grit dumpsters at the CSO plant, and has realized an agreement was already in place with the Authority's waste hauler for the dumpsters to be emptied by the hauler. Therefore, the Authority no longer had a use for the old forklift located at the CSO plant. In addition, the Authority has recently purchased a trailer that is capable of transporting the Authority's new forklift, or any other larger equipment that may be needed, to the CSO plant. Based on this information, some revenue can be generated by auctioning off the old forklift, as well as cost savings due to less equipment in the Authority's fleet.

While preparing the resolution for declaration of surplus, it was decided to include other salvaged or end-of-life pieces of equipment as well. Four items had previously been declared surplus by the EOC, but not formally through a resolution. In June of 2021, the Authority's legal counsel recommended instituting a policy to pass resolutions declaring equipment surplus, rather than the prior method of simply approving it as an agenda item. Therefore, these additional pieces of equipment are being added to the resolution so they can be sold, and properly accounted for in the audit process.

The additional 4 pieces of equipment that were previously classified as surplus via agenda item consists of two blowers and two compressors that were salvaged in 2018 during the upgrade of the sand filters to the disc filters. They serve no use to the Authority any longer, and have been consuming valuable storage space since being taken out of commission.

In addition, the Authority is also requesting to classify a collection of spare parts inventory for electrical equipment (see attached Exhibit A) as surplus. These Programmable Logic Controllers and fiber optic converters served the Authority well since being installed in the late nineties, but became too expensive to maintain or repair due to their age, and were recently replaced as a part of the ongoing campus wide PLC replacement capital project.

Therefore, enclosed with this memo is the formal resolution auctioning off Forklift Unit 632, two (x2) Spencer Series 4000 Blower Units, two (x2) Quincy Air Compressor Units, and a list of spare parts inventory for electrical equipment (see Exhibit A) for approval. The Authority respectfully requests that the EOC motion to approve Resolution No. 2022-001, a resolution authorizing the sale of

equipment – Forklift Unit 632, two (x2) Spencer Series 4000 Blower Units, two (x2) Quincy Air Compressor Units, and the electrical equipment listed in the enclosed Exhibit A.

6.6 Electrical Grid Project Change Order 002

At the June 9, 2022 Executive Oversight Committee, the EOC approved a settlement agreement with the contractor for the Electrical Grid Rehabilitation Project, in which the Authority agreed to release the remaining \$13,141 in cash allowances that were not used in the project but approved by the EOC, and accept a change order increasing the overall contract cost by \$74,859. Enclosed is the formal change order for approval.

7. Request for Approval for Interceptor Rehabilitation Proposal

In October 2021 Authority staff developed and sent out a request for qualifications and technical proposals to our six shortlisted professional consulting firms for Preliminary Design Engineering Services pertaining to the 2022-2024 Collection System Rehabilitation Program.

The intent of the request for proposals was to retain a professional firm in order to provide further analysis and interpretation of Red Zone Robotic and RJN Group Inspections and Reports, develop a 3-year capital rehabilitation program for the Authority's collection system based off the greatest needs as well as any cost-effective approaches, prepare bidding documents and assist in the bidding process, and provide part-time construction engineering services. The scope of work was anticipated to take place over the calendar year budgets of 2022-2024 where the Authority has approximately \$350,000 budgeted each year for the construction costs of these specific capital rehabilitations.

RJN Group was selected and completed the preliminary design, leading to a submittal of a proposal for the final design, bidding, and construction services. The primary goal of the submitted proposal is to design, bid, and oversee rehabilitation of the NRI Interceptor from late 2022 through 2024. The two phased approach will require multiple years of design, bidding, and construction. Following the completion of this project, GWA will have the high priority rehabilitation of their interceptor system completed. This project will be invoiced on a lump sum, percent complete basis for a total not-to-exceed fee of \$155,000. The project will have milestones in 2022, 2023, and 2024, with completion of rehabilitation construction in 2024.

Therefore, it is recommended the EOC authorize the Authority to award RJN Group, Inc. the Design Engineering Services pertaining to the 2022-2024 Collection System Rehabilitation Program in the not to exceed amount of **\$155,000.00**. This amount will be taken out of the designated amount in CY2022 Approved Budget, Fund 40-580150 Capital Plant Equipment Rehabilitation, and future years budgets as appropriated.

8. Request for Approval for Remote Site Telemetry Upgrade

From inception of the Supervisory Control and Data Acquisition System (SCADA) at the Authority in the late nineties, until mid-2014 the Authority had relied on “Leased Line” (copper twisted pairs) technology from AT&T to communicate with our remote sites. The Authority relied heavily on this communication as it allows for the continued ability to control, monitor, and respond to operational conditions at our remote Lift Stations, CSO Facility, and Interceptor Systems un-manned.

The cellular hardware located at each of the nine remote sites is now at end of life, and will no longer be supported after December 31, 2022. With this in mind, the Authority began a dialogue with Concentric Integration in June of 2021, to obtain an upgrade estimate for CY-2022 budget planning.

It is recommended to move forward with this Remote Sites Communication Hardware Upgrade with Concentric Integration in the amount of \$46,470. They are exceptionally qualified with cellular technology and intimate knowledge/understanding of the Authority's existing system, and have the complete in-house capabilities to tackle the myriad of technical disciplines required for a project like this; IT, Instrumentation, PLC, SCADA, Security, etc. They also have completed similar installations for Downers Grove Sanitary District and NSMJAWA, and the Authority has also had previous success with projects utilizing Concentric Integration as our IT systems and integration technology experts. Based on the Authority's Professional Services SOP, a competitive process was waived due to the prior relationship and continuation of a similar project.

Funds for this project were included in the CY-2022 Budget, Fund 40 Capital Account 40-580180, in the amount of \$40,500. An un-anticipated budgeted shortfall of \$5,970, due to current economic conditions. Adequate funding does exist within this line item to cover the expense.

9. 2022 Roof Rehabilitation Project Request for Approval

In 2017, GWA sought an evaluation of all the roofing systems on plant grounds and lift stations. Many of the roofs are original to the late 1970's and far past their useful life. While some of the roofs are still in decent condition, many are already failing, or on the verge of failing. GWA took the 2017 evaluation and developed an annual roof rehabilitation program over the next 15 years in effort to spread out the costs of rehabilitating every Authority roof asset.

The roof rehabilitation plan for 2022 is to replace the roofs of Buildings A (Bar Screen), J (Pump and Meter), and N (Warehouse) at the main facility, and Building C (Tin Shed) at the Combined Sewer Outfall facility.

In July Authority staff and the roofing consultant, Arcon, developed and sent out a public request for qualifications and proposals for the rehabilitation project. The bid opening was scheduled for August 17th, at 2:00pm. Seven proposals were received, with L. Marshall, Inc. being the low bid. The bids ranged from the low of \$242,000 to the high of \$364,000.

Arcon, having experience with most of the companies that submitted bids, has provided a letter of recommendation for accepting the low bid of \$242,000 submitted by L. Marshall Inc.

The Authority has an approved budget for roof rehabilitation in 2022 of \$209,000 out of Fund 40 Capital Improvement Projects. The recommended bid of \$242,000 is in excess of the budgeted amount, however, the authority is still seeking to approve the L. Marshall Inc bid since the roofs are in need of significant repair, a safety measure is also being addressed in Building A with this project, and the extra \$33k can be absorbed into our capital reserve/cash on hand.

Therefore, after discussion with the TAC, it is recommended the EOC authorize the Authority to award L. Marshall, Inc. the 2022 Building Roof Rehabilitation project in not to exceed amount of \$242,000. If approved, this amount will be taken out of the CY2022 Approved Budget, Fund 40-580180 Capital Improvements Projects.

10. Discussion

10.1 Capital Project Update

10.2 CY2023 Draft Budget

Proposed 3.6% increase (\$299,412) in overall operations, maintenance, and capital budget for CY2023 as broken down in the enclosed memo.

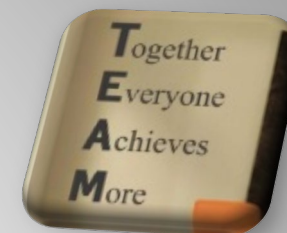
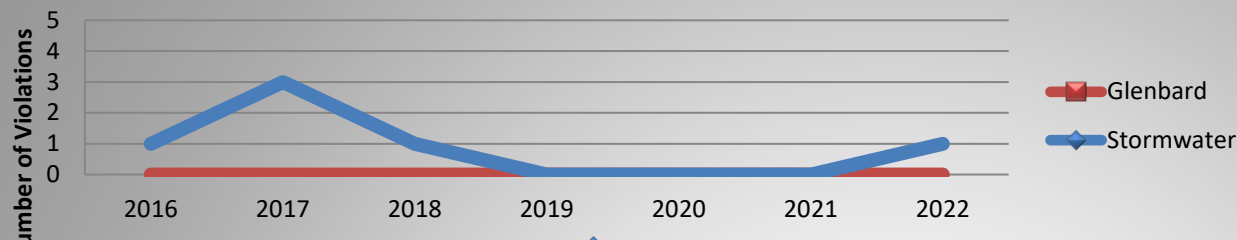
11. Other Business

11.1 Technical Advisory Committee Updates

12. ***Next EOC Meeting*** – The next regularly scheduled EOC Meeting is set for ***Thursday, October 13, 2022 at 8:00 a.m.***

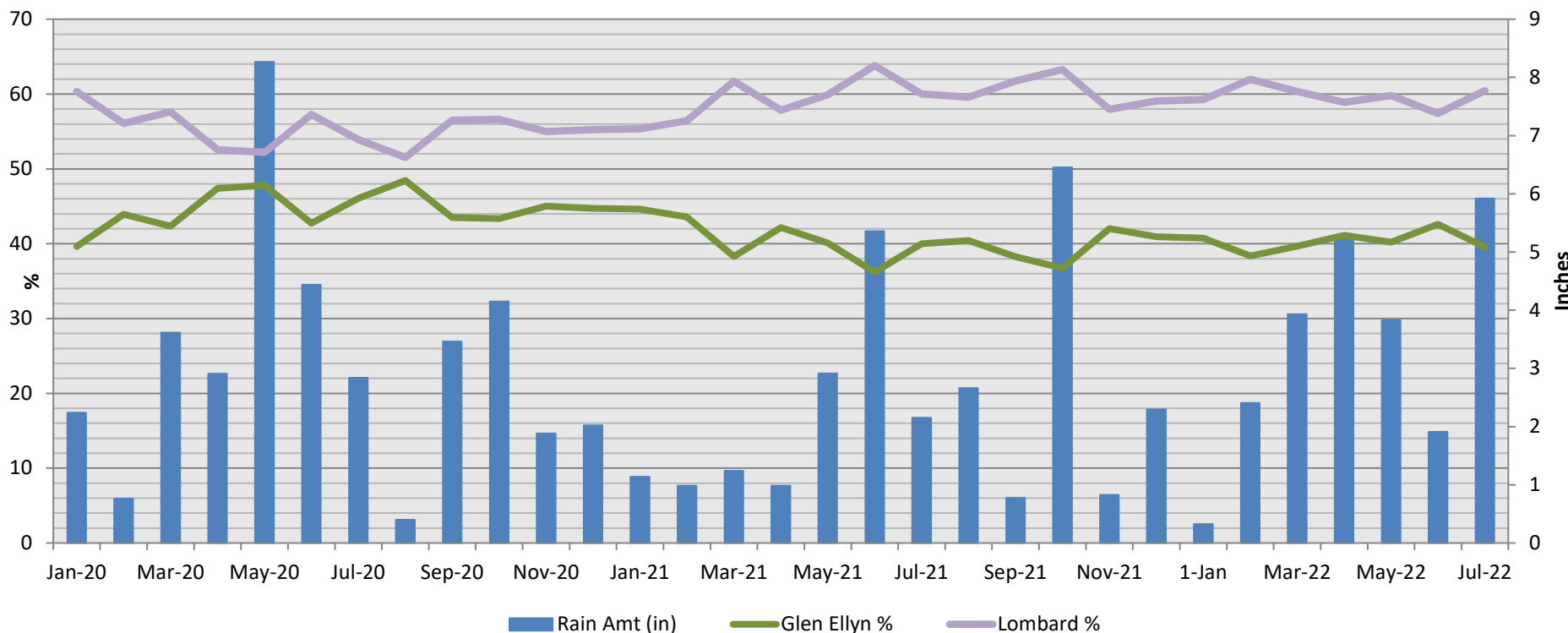


NPDES Permit Violations



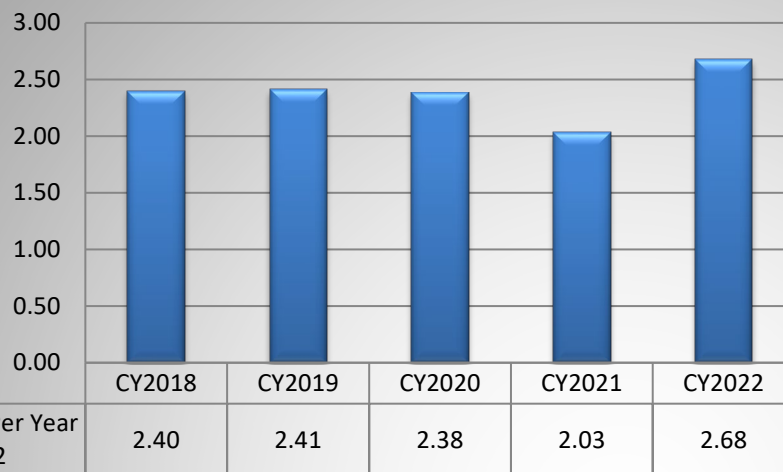
Glenbard Plant: *Current Record	Stormwater Facility: * Current Record
3495 Days February 4, 2013 through August 31, 2022	120 Days May 3 through August 31, 2022
Previous excursion free operating record:	Previous excursion free operating record:
1058 Days September 8, 2007 – April 10, 2010	1140 Days July 11, 2009 through August 27, 2012

Flow Billing Comparison



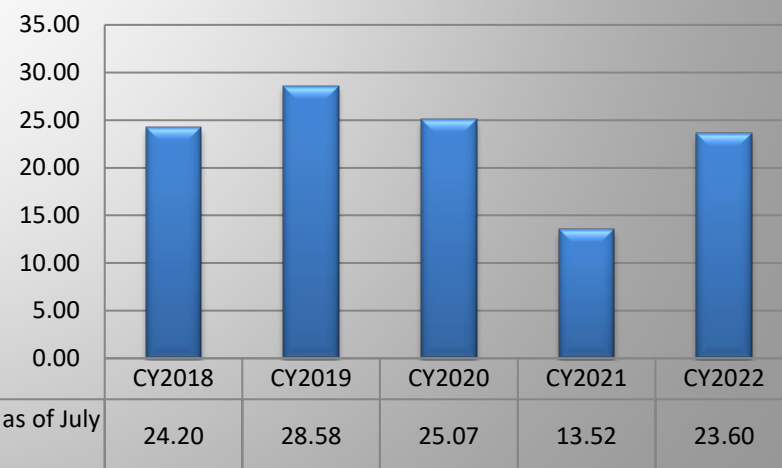


Billion Gallons Treated Per Year as of July 31, 2022



■ Billion Gallons Treated Per Year
as of July 31, 2022

Total Rainfall in Inches as of July 31, 2022

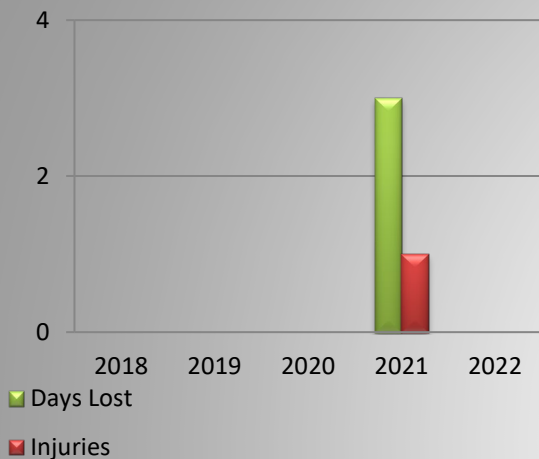


■ Total Rainfall in Inches as of July
31, 2022

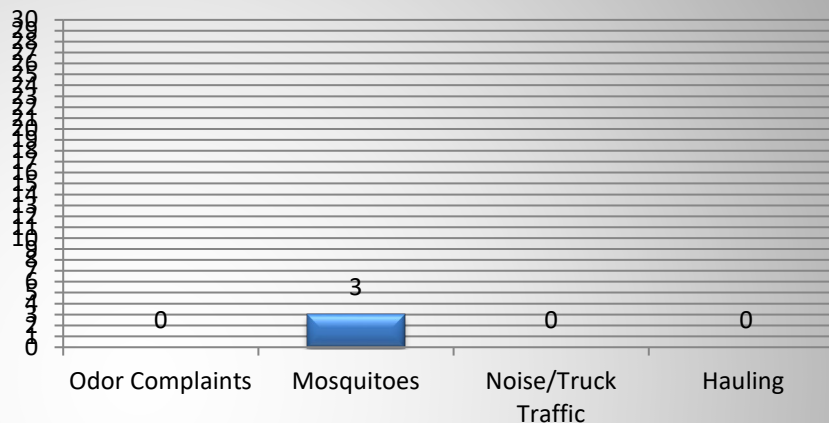


The Authority Key Performance Indicators Regarding Safety and Neighborhood Impacts

Injuries + Lost Time

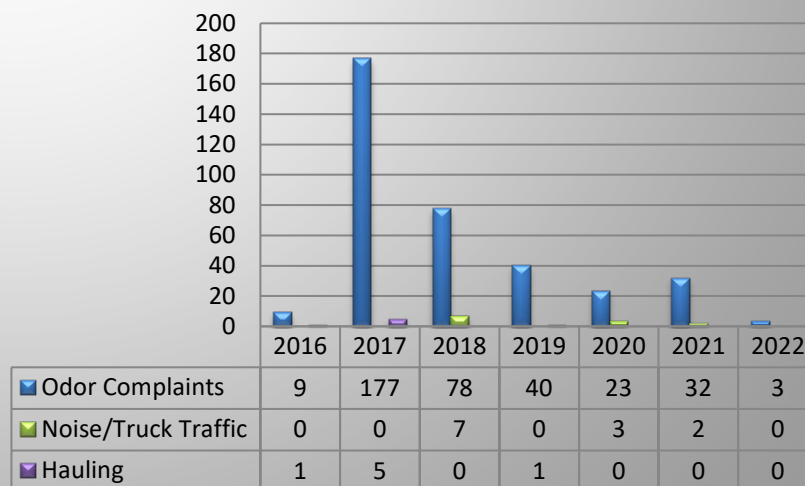


June/July/August 2022 Complaints

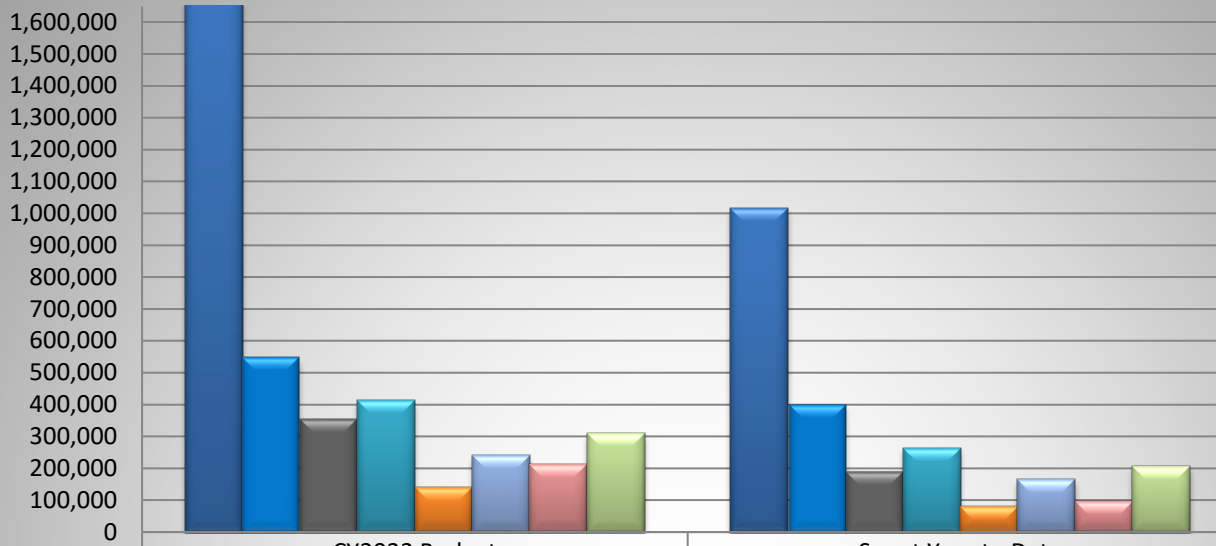
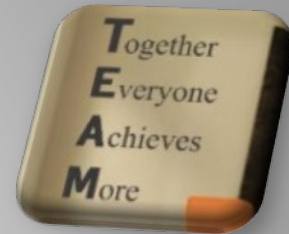


Year	2018	2019	2020	2021	2022
Injuries	0	0	0	1	0
Days Lost	0	0	0	3	0

Annual Complaint Comparison



July 2022 O&M Expense \$ Reporting

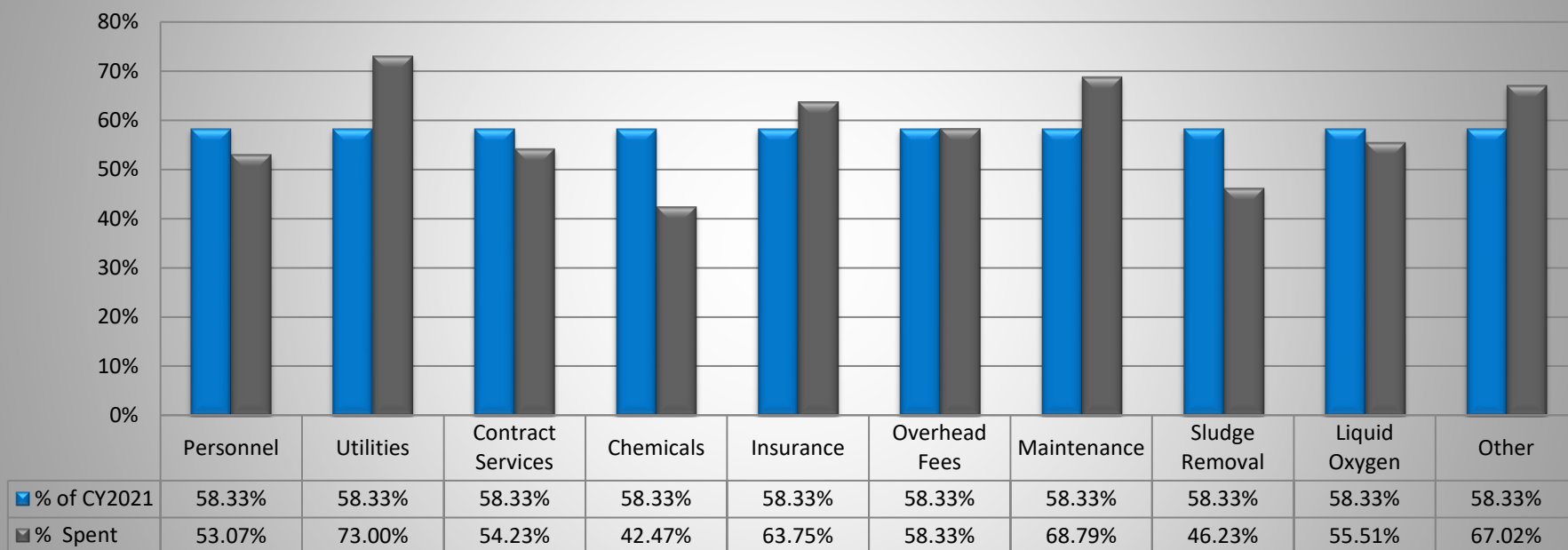


	CY2022 Budget	Spent Year to Date
Personnel	\$1,912,464	\$1,015,016
Utilities	\$548,600	\$400,469
Contract Services	\$354,325	\$192,164
Insurance	\$413,900	\$263,856
Overhead Fees	\$139,238	\$81,222
Maintenance	\$239,106	\$164,490
Sludge Removal	\$211,656	\$97,843
Other	\$308,929	\$207,057

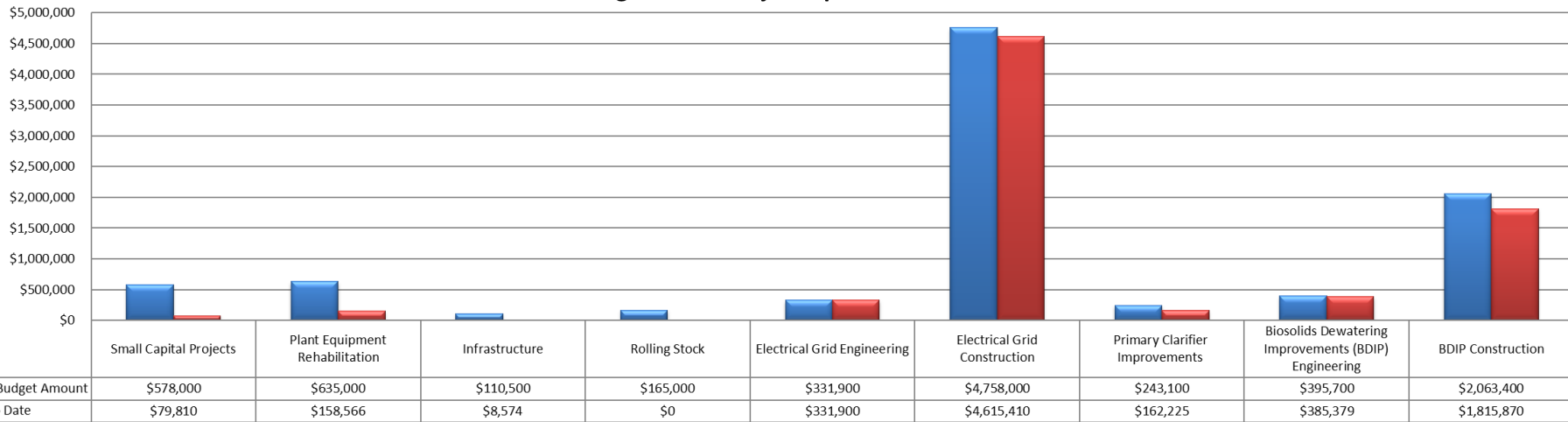
	Personnel	Utilities	Contract Services	Chemicals	Insurance	Overhead Fees	Maintenance	Sludge Removal	Liquid Oxygen	Other
CY2022 Budget	\$1,912,464	\$548,600	\$354,325	\$210,000	\$413,900	\$139,238	\$239,106	\$211,656	\$325,000	\$308,929
Spent Year to Date	\$1,015,016	\$400,469	\$192,164	\$89,183	\$263,856	\$81,222	\$164,490	\$97,843	\$180,401	\$207,057
% of CY2022	58%	58%	58%	58%	58%	58%	58%	58%	58%	58%
% Spent	53.07%	73.00%	54.23%	42.47%	63.75%	58.33%	68.79%	46.23%	55.51%	67.02%



July 2022 O&M Expense % Reporting



August 2022 Project Updates

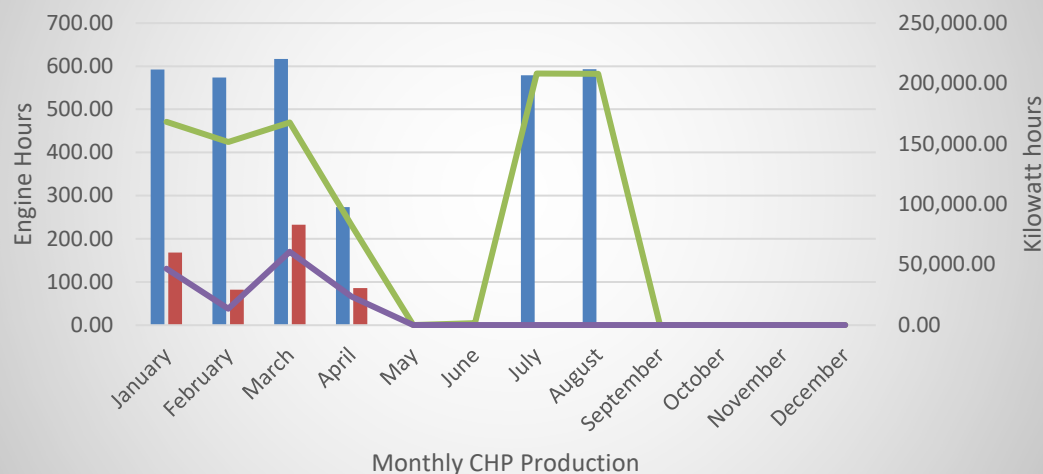


Description	Project Budget Amount	Spent to Date	Updates
Small Capital Projects	\$578,000	\$79,810	August 29, 2022
Plant Equipment Rehabilitation	\$635,000	\$158,566	August 29, 2022
Infrastructure	\$110,500	\$8,574	August 29, 2022
Rolling Stock	\$165,000	\$0	August 29, 2022
Electrical Grid Engineering	\$331,900	\$331,900	August 29, 2022
Electrical Grid Construction	\$4,758,000	\$4,615,410	August 29, 2022
Primary Clarifier Improvements	\$243,100	\$162,225	August 29, 2022
Biosolids Dewatering Improvements (BDIP) Engineering	\$395,700	\$385,379	August 29, 2022
BDIP Construction	\$2,063,400	\$1,815,870	August 29, 2022

Combined Heat & Power Production Report



Road to Net Zero



Engine #1 Hrs Engine #2 Hrs Engine #1 kWh Engine #2 kWh

Monthly CHP Production 2022 = \$0.08/kWh						
	Engine #1 Hrs	Engine #2 Hrs	Engine #1 kWh	Engine #2 kWh	\$ Saved	% Electricity Generated
January	592.00	168.50	168,293.00	46,570.00	\$12,271.31	36%
February	574.10	82.40	151,479.00	13,536.00	\$9,424.38	29%
March	616.60	232.40	167,593.00	60,716.00	\$13,039.24	42%
April	273.70	86.20	82,776.00	23,745.00	\$6,083.65	15%
May	0.00	0.00	0.00	0.00	\$0.00	0%
June	4.90	0.00	1,734.00	0.00	\$99.03	0%
July	578.90	0.00	208,281.00	0.00	\$11,895.39	54%

Return on Investment Monetary Breakdown



		HSW/FOG Gallons Received	HSW Tipping Fees	Elec Energy Produced @ \$0.07/kWh	Maintenance Costs	Total + or -	Target to meet 8.8 Year Repayment Schedule	Hit + or Miss -
	RECS							
Calendar Year 2021								
January		235,008	\$11,750.40	\$14,997.41	\$1,247.28	\$25,500.53	\$28,805.84	(3,305.31)
February		201,730	\$9,276.50	\$21,180.89	\$1,108.06	\$29,349.33	\$28,805.84	543.49
March		244,483	\$11,974.50	\$31,950.21	\$19,660.08	\$24,264.63	\$28,805.84	(4,541.22)
April	\$47,040.99	129,772	\$6,488.60	\$19,180.64	\$620.00	\$72,090.23	\$28,805.84	43,284.39
May		247,017	\$12,350.85	\$28,636.96	\$2,928.82	\$38,058.99	\$28,805.84	9,253.15
June		289,711	\$14,485.55	\$10,156.14	\$28,696.78	-\$4,055.09	\$28,805.84	(32,860.93)
July		248,491	\$12,424.55	\$19,475.42	\$619.67	\$31,280.30	\$28,805.84	2,474.46
August		220,450	\$11,022.50	\$7,957.05	\$2,021.03	\$16,958.52	\$28,805.84	(11,847.32)
September		289,424	\$14,471.20	\$3,065.11	\$399.44	\$17,136.87	\$28,805.84	(11,668.97)
October		369,790	\$18,489.50	\$7,092.35	\$649.63	\$24,932.22	\$28,805.84	(3,873.62)
November		341,230	\$17,061.50	\$16,404.27	\$79,950.00	-\$46,484.23	\$28,805.84	(75,290.07)
December		237,479	\$11,873.95	\$17,829.79	\$0.00	\$29,703.74	\$28,805.84	897.90
Annual Totals	\$47,040.99	3,054,585	\$151,669.60	\$197,926.25	\$137,900.79	\$258,736.05		
Repayment Balance	\$3,041,897.05							
Annual Payback on Investment	\$243,924.05							
Current Return on Investment in Years	12.5							
		HSW/FOG Gallons Received	HSW Tipping Fees	Elec Energy Produced @ \$0.07/kWh	Maintenance Costs	Total + or -	Target to meet 8.8 Year Repayment Schedule	Hit + or Miss -
	RECS							
Calendar Year 2022								
January		203,200	\$10,160.00	\$12,271.31	\$0.00	\$22,431.31	\$28,805.84	(6,374.54)
February		202,792	\$10,139.60	\$9,424.38	\$0.00	\$19,563.98	\$28,805.84	(9,241.87)
March		159,801	\$7,990.05	\$13,039.24	\$0.00	\$21,029.29	\$28,805.84	(7,776.56)
April		241,062	\$12,053.10	\$6,083.65	\$0.00	\$18,136.75	\$28,805.84	(10,669.09)
May		214,818	\$10,740.90	\$0.00	\$0.00	\$10,740.90	\$28,805.84	(18,064.94)
June		305,168	\$15,258.40	\$99.03	\$0.00	\$15,357.43	\$28,805.84	(13,448.41)
July	\$33,491.70	312,067	\$15,603.35	\$11,895.39	\$0.00	\$60,990.44	\$28,805.84	32,184.60
August			\$0.00	\$11,872.26	\$0.00	\$11,872.26	\$28,805.84	(16,933.58)
September			\$0.00	\$0.00		\$0.00	\$28,805.84	(28,805.84)
October			\$0.00	\$0.00		\$0.00	\$28,805.84	(28,805.84)
November			\$0.00	\$0.00		\$0.00	\$28,805.84	(28,805.84)
December			\$0.00	\$0.00		\$0.00	\$28,805.84	(28,805.84)
Annual Totals	\$33,491.70	1,638,908	\$81,945.40	\$64,685.26	\$0.00	\$180,122.36		
Repayment Balance	\$2,861,774.69							
Annual Payback on Investment	\$243,623.66							
Current Return on Investment in Years	11.7							

SECTION 5.0

NEW ASSISTANT EXECUTIVE DIRECTOR INTRODUCTION

SECTION 6.0

CONSENT AGENDA

SECTION 6.1

MINUTES –

JUNE 9, 2022

MEETING

GLENBARD WASTEWATER AUTHORITY
Executive Oversight Committee
MINUTES
June 9, 2022
Meeting held at the Glenbard Wastewater Plant
945 Bemis Road, Glen Ellyn, IL

Members Present:

Mark Senak	President, Village of Glen Ellyn
Keith Giagnorio	President, Village of Lombard
Robert Bachner	Trustee, Village of Lombard
Kelli Christiansen	Trustee, Village of Glen Ellyn
Dave Buckley	Public Works Director, Village of Glen Ellyn
Carl Goldsmith	Public Works Director, Village of Lombard

Others Present:

Matthew Streicher	Executive Director, GWA
Jon Braga	Maintenance Superintendent, GWA
Andy Pakosta	Operations Superintendent, GWA
Ashley Staat	Environmental Resources Coordinator, GWA
Larry Noller	Finance Director, Village of Glen Ellyn
Patrick Brankin	Assistant Finance Director, Village of Glen Ellyn
Jamie Wilkey	Lauterbach & Amen Associates

1. Call to Order at 8:00 a.m.
2. Pledge of Allegiance
3. Roll Call: President Giagnorio, Trustee Bachner, Trustee Christiansen, Mr. Goldsmith and Mr. Buckley answered "Present". President Senak arrived after Roll Call at 8:06 a.m. Mr. Niehaus and Mr. Franz were excused.
4. Public Comment
5. Consent Agenda - The following items are considered to be routine by the Executive Oversight Committee and will be approved with a single vote in the form listed below:

Motion the EOC to approve the following items including Payroll and Vouchers for part of the month of April 2022 \$567,772.04 (Trustee Christiansen).

Mr. Goldsmith motioned and Trustee Christiansen seconded the *MOTION that the following items, on the Consent Agenda be approved. President Giagnorio, Trustee Bachner, Trustee Christiansen, Mr. Goldsmith and Mr. Buckley responded "Aye" during a roll vote. The motion carried.*

EOC Meeting/June 2022
Minutes

- 5.1 Executive Oversight Committee Meeting Minutes
 - Aril 14, 2022 meeting
- 5.2 Vouchers previously reviewed by Trustee Christiansen
 - April 2022
- 6. Approval of CY2021 Audit

2021 Audited Financial Statements

Attached is the Annual Audited Financial Statements for the Glenbard Wastewater Authority for the fiscal year that ended December 31, 2021.

Financial highlights for the Authority's fiscal year 2021 (FY2021) are presented on pages 6-7 of the report. A complete narrative summary of the Authority's operations and financial position is found in Management's Discussion and Analysis on pages 5-14. I will present highlights of the financial report during the EOC meeting and our audit partner, Jamie Wilkey, will present the auditor's opinion.

The Authority again received an unmodified audit opinion from the auditing firm, Lauterbach & Amen LLP, which is the highest and best opinion.

Operating Fund Surplus

The Operating Fund Surplus, before the long-term pension adjustment, was \$155,452. We annually adjust the partners' contributions to match expenses. Using this measure, the Village of Lombard is owed \$92,634 and Glen Ellyn is owed \$62,818 for the fiscal year ended December 31, 2021.

As of December 31, 2021, the Authority's working cash was 30.6% of operating expenses, or \$252,323 above minimum 25% as set in the current intergovernmental agreement. A complete schedule detailing the working cash calculation may be found in the notes to the financial statements (page 31-32). As the year end amount is below the working cash minimum, we can distribute the entire amount.

The operating surplus may be either rebated back to each community or may be distributed to the Capital Fund. In the past, the operating surplus has been distributed to the Capital Fund and has been used for either specific projects or to offset future Capital Fund rate increases to both Villages.

Other Communications

There are two other communications that are included as attachments to this memo.

SAS114 Letter: This letter is a required communication between the auditors and those charged with governance. It highlights certain areas that auditors are required to disclose each year to those charged with governance.

Management Letter: This letter only highlights forthcoming accounting standards for the coming year. There are no internal control matters reported in the letter.

Proposed Action Items:

Motion to accept the Audited Financial Statements of the Glenbard Wastewater Authority for the fiscal year ended December 31, 2021 and to forward the audit report to the full Authority Board for final approval at the next annual meeting.

Trustee Christiansen motioned and Mr. Buckley seconded the motion to accept the Audited Financial Statements of the Glenbard Wastewater Authority for the fiscal year ending December 31, 2021, and to forward the audit report to the full Authority Board for final approval at the next annual meeting. President Giagnorio, President Senak, Trustee Bachner, Trustee Christiansen, Mr. Goldsmith, and Mr. Buckley responded “Aye” during a roll vote. The motion carried.

Motion to allocate the 2021 operating surplus of \$155,452 to the Capital Fund.

Trustee Christiansen motioned and Mr. Goldsmith seconded the motion to allocate the 2021 operating surplus of \$155,452 to the Capital Fund. President Giagnorio, President Senak, Trustee Bachner, Trustee Christiansen, Mr. Goldsmith, and Mr. Buckley responded “Aye” during a roll vote. The motion carried.

Mr. Streicher advised that Patrick Brankin, Assistant Finance Director at the Village of Glen Ellyn, and Jamie Wilkey of Lauterbach and Amen Associates will be presenting the Audit report.

Ms. Wilkey expressed her appreciation to Mr. Brankin and the Finance Department for all of their work and effort in being prepared in light of all the changes that occurred within the Finance Department earlier in the year.

Ms. Wilkey highlighted the Independent Auditors’ Report, which outlined the findings of the audit as well as issuance of an Unmodified Opinion of the December 31, 2021 financial statement, the highest-level opinion auditors can issue. Ms. Wilkey noted that as they come in to perform their independent auditor testing, there are two goals: 1) to ensure the financial statements as presented are, in fact, monetarily correct; and 2) assessing the overall control environment, while they do not provide an opinion on internal controls, they do perform testing of controls, looking at policies and procedures. Ms. Wilkey noted that if deficiencies had been found, they would have been brought to the EOC Committee’s attention.

Ms. Wilkey noted that the Governmental Accounting Standard Board (GASB), is once again active, after 2 years of inactivity due to COVID, and has issued Statement 87 concerning the reporting of certain types of “leases”, which will impact GWA period ending December 31, 2022. Ms. Wilkey noted that the GASB Statement expanded the

definition of a lease and changed the accounting methodology of how it is placed on the balance sheet, while not a lot of financial impact overall, the net impact in year one (1) is really zero (0), she will begin working with the staff to analyze all contracts and potential leases, which will be included on balance sheet for the next year.

Mr. Brankin reviewed the financial highlights for fiscal year ending December 31, 2021; noting the O&M surplus of \$155,452 and that as in the past, there will be a request to transfer these funds to the Capital Improvement Fund.

7. Request for Approval for House Demolition Services

In 2018 the Authority purchased the house/property adjacent to the main treatment plant at 1S641 Sunnybrook Road. The property was acquired to provide for any future needs, but at this time mainly is providing a buffer zone between the treatment plant and neighboring residents. The existing house on the site is vacant, and now can be viewed as a liability to the Authority. Therefore, in preparation for future use, and to lower any liability to the Authority, a bid invitation was advertised to have the house demolished.

Based on qualifications, reference checks, and price, it is requested the EOC authorize the Authority to award the project to **Anthem Excavation & Demo** in the amount of **\$38,650**. The Authority budgeted \$60,000 in the CY2022 budget for this work. If approved, the House Demolition Services shall be invoiced to Fund 40-580120.

President Giagnorio motioned and Trustee Bachner seconded the motion to award the demolition contract to Anthem Excavation and Demo in the amount of \$38,650, to be charged to Capital Fund 40-580120. President Giagnorio, President Senak, Trustee Bachner, Trustee Christiansen, Mr. Goldsmith, and Mr. Buckley responded "Aye" during a roll vote. The motion carried.

Mr. Streicher noted that the property was purchased in October 2019, with the seller leasing the property back for a year, and the property has been sitting vacant since they moved out at the end of 2020, with utilities being turned off. Mr. Streicher stated that there was one extremely low bid; however, upon review of the bid it was noted that the vendor did not include permit fees, nor utility disconnects, thereby making the bid incomplete. Mr. Streicher noted that the bid from Anthem was the second lowest bid.

Trustee Christiansen noted she had inquired if anything could be salvaged from the house reducing what would be going to landfill. Mr. Streicher stated that there was an item included in the bid notice for salvage and none of the contractors submitted bids including this. Mr. Streicher advised that the house has been used for training by the GEFD; which, has resulted in some of the walls already being knocked down. Mr. Streicher added that the previous owner took a lot of the toilet fixtures, faucets, and light fixtures so, there was probably not much left for salvage.

8.0 Request for Authorization to Approve Fire Monitoring System Upgrade

Siemens Fire Monitoring System located throughout the Authority's buildings and remote sites has reached the end of its useful service life, and many parts/repairs are becoming obsolete. This equipment was initially installed via the Bio-Solids Project in 2004, and monitors the Primary Diversion Structure & Scum Building, Sludge Pump & Metering Building, Anaerobic Digester Building, Sludge Dewatering Building, Maintenance Garage, and Administration Building. Parts of the system were replaced during the 2021 Biosolids Dewatering Improvements Project, as the building permit issuance was reliant on the system being brought up to standards, however, the remainder of the plant and remote sites still need to be upgraded to current technology.

A quote was obtained in 2021 for this work, coming in at \$235,365.87. Therefore, funds for this expenditure "Fire Alarm System Upgrade" were included in the CY-22 Budget, Fund 40, Small Capital account 580120, in the amount of \$235,000. Since some of the work was completed with the Biosolids project, an updated quote was received. As this is purchase is for a highly specialized piece of equipment, the Authority is requesting to waive competitive bidding for this purchase based on Section C.1.f of the purchasing policy, which waives competitive bidding for "Standardization purchases, defined as technical nature of certain items or services may result in the standardization of a particular supplier's specifications being necessary or desirable to Village operations. Competitive bidding may be waived if the Village requires compatibility with existing software, machinery, or other existing equipment." This item has been discussed with the TAC and all are in agreement.

Therefore, the Authority recommends the EOC authorize the Authority to award Siemens with a notice to proceed in the amount of \$190,500 to complete this work. This work will be sourced from the 2022 GWA Capital budget 40-580120.

Mr. Goldsmith motioned and Mr. Buckley seconded the motion to award Siemens the contract to upgrade the fire alarm system in the amount of \$190,500, to be charged to Capital Fund 40-580120. President Giagnorio, President Senak, Trustee Bachner, Trustee Christiansen, Mr. Goldsmith, and Mr. Buckley responded "Aye" during a roll vote. The motion carried.

Mr. Streicher reminded the EOC Committee that this item was briefly discussed at the April 2022 meeting as GWA had budgeted to replace the fire monitoring system, which is basically smoke detectors in the Admin Building, pull switches in other buildings and the fire panels. Mr. Streicher stated that while the Admin Building and the press building both have newer panels, the remainder of the system is beyond its useful life; with what parts staff has managed to find, being used and purchased off E-bay.

Mr. Streicher explained that the system is sole-sourced through Siemens, as it is an integrated system. Mr. Streicher stated that the budget for this project was \$230,000; however, due to removing items that had already been replaced, the price was reduced to \$190,500.

9.0 Electric Rehabilitation Project Settlement

Throughout the course of the 2020 Electrical Service Distribution System Rehabilitation and Upgrades project, the contractor and their subcontractors have submitted numerous requests for change orders due to material price escalations. The underlying reason for the material price increases is due to the large amount of inflation that has occurred in materials since this project was originally bid in February 2020, just prior to the pandemic. The Authority has continually rejected the requests due to contract language that states the material prices are at the risk of the contractor, except in rare circumstances, which the pandemic did not fit under. However, after numerous rejections, the contractor formally filed a claim, of which the Authority again rejected.

In March 2022, the Authority received a letter from the contractor's legal representation stating reasons they felt the material price escalation claims were per contract, and requested to meet with the Authority. The Authority, its legal representation, the contractor, and their legal representation met in April 2022 and discussed these matters. Essentially, the contractor was threatening litigation, as they felt there are allowances in the contract to allow for such price increases.

After consulting with the Authority's legal representation, although it was felt that the case would not have been in the contractor's favor if it proceeded to litigation, for a number of reasons it was agreed to settle with the contractor. However, the settlement would only meet the contractor half way on the dollar amount being requested. Benefits to agreeing on the settlement are to avoid legal fees in litigation, avoid the possibility of the contractor pulling off the job prior to completion and the Authority having to pull performance bonds, avoid excessive use of staff time for litigation purposes, and to continue the Authority's positive reputation in the industry (in order to continue receiving good, competitive bids on future projects).

Therefore, the original requested price escalation from the contractor of \$172,641.00 was negotiated down to the releasing of the remaining \$13,141 in cash allowances that were not used in the project but approved by the EOC, and accept a change order increasing the overall contract cost by \$74,859 – totaling \$88,000. The Authority also included that the contractor be liable for \$1,000 per day for every day they go past the Final Completion date of May 27, 2022, as part of the settlement. Both parties agreed to these terms.

It is requested that the EOC authorize the Authority to sign the enclosed settlement agreement with Broadway Electric, Inc. to allow for the release of the remaining \$13,141 in cash allowances that were not used in the project but approved by the EOC, and accept a change order increasing the overall contract cost by \$74,859 – totaling \$88,000.

President Giagnorio motioned and Trustee Christiansen seconded the motion to authorize the Authority to sign the enclosed settlement agreement with Broadway Electric, Inc. to allow for the release of the remaining \$13,141 in cash allowances that were not used in the project but approved by the EOC, and accept a change order increasing the overall contract cost by \$74,859 – totaling \$88,000. President Giagnorio, President Senak, Trustee Bachner, Trustee Christiansen, Mr. Goldsmith, and Mr. Buckley responded “Aye” during a roll vote. The motion carried.

Mr. Streicher stated that per conversations during the Executive Session in April, the general contractor for the Electrical Grid Upgrade project was seeking a change order for price escalations; as the contract did not allow for this, GWA denied the contractor's claim on several occasions, and they were prepared to go to litigation as they felt the contract did contain some vague language that allowed for this type of change order. Mr. Streicher indicated there were several reasons to avoid litigation, i.e. legal fees, threat of the contractor pulling off the job before completion, and the risk of GWA earning a negative reputation with contractors, thus making it difficult to get quality contractors to bid on future projects; therefore, an agreement was reached wherein, GWA would split the material price escalation costs with the contractor. Mr. Streicher continued by stating that GWA's legal counsel wrote the agreement and negotiations were conducted per the discussions in the Executive Session, with the result being the agreement being presented authorizing Mr. Streicher to sign the agreement completing the deal.

President Senak asked if the contractor was one that GWA had worked with prior to this project. Mr. Streicher indicated it was not and because the scope of the project was purely high voltage electrical related work, GWA had never had an electrical contractor serve as a general contractor for a project.

Trustee Christiansen asked if the punch list was completed by the established deadline. Mr. Streicher advised that the list was 99% complete with a few small items, for example they needed to order some arc flash warning labels which have a six (6) week lead time due to supply chain issues, which GWA is not faulting them for; and the other issue is there is water in the new manholes, which are supposed to be sealed, but the Contractor is actively working on trying to resolve the issue and have been onsite weekly trying to locate where the water is coming from. Mr. Streicher noted that he is starting to view this issue as a warranty issue, as the contractor has made several attempts to correct the problem; however, in the six (6) weeks since the discussion on the settlement terms and the May 28th date, the punch list has gone from over 200 items down to four (4), definitely a demonstration of effort to complete the project.

Trustee Christiansen asked if there was any substantive item that would prevent the agreement from being approved. Mr. Streicher advised there were not and at this time, he would not seek liquidated damages.

Mr. Goldman asked where the total contract amount stood including the of the agreement. Mr. Streicher stated that total was way over the budgeted amount; explaining that the budgeted amount was \$2.7 million for the project and the lowest bid came in at \$4.6 million, so this puts the total contract amount just under \$4.8 million. Mr. Streicher noted that the \$2.7 million was budgeted in 2019 and noted that the 2020 and 2021 budgets were amended to reflect the \$4.6 million price.

President Senak asked if the settlement agreement was limited to just the change in the price or does it provide of release of any other claims that may have existed. Mr. Streicher advised that the agreement restricts any future claims or attempts for litigation. President Senak asked if it is a mutual release. Mr. Streicher stated that it was.

10.0 Discussion

10.1 Capital Improvement Projects Update

Medium Voltage Electrical Grid Project

Mr. Streicher advised since his report was generated, even more punch list items have been completed.

Biosolids Dewatering Improvement Project

Mr. Streicher indicated that change orders are still to the negative and that substantial completion was expected to have been issued by now; however, one of the biggest outstanding issues is the fire alarm panel that they are still having issues with. Mr. Streicher noted that the panel in the Admin Building has been turned off as the alarm was going off non-stop every day. Mr. Streicher advised that the contractor is aware of the issues and has made several attempts to correct the problem and believes that with the approval of the Agenda Item #7, the communications between the two (2) new panels and the old panels in the other buildings will be resolved with the upgrade, which would allow GWA to issue a substantial completion notice.

Mr. Streicher continued by stating that the punch list items have been completed and once substantial completion is issued, final completion will probably be issued about the same time; which will close up the loan process and loan re-payment will begin.

Primary Clarifier/Gravity Thickener Improvements

Mr. Streicher advised that the project began in March and GWA has submitted the initial steps needed for the IEPA loan process, as well as being presented with several manufacturers to choose from and are waiting for the final design in either July or August. Mr. Streicher noted that he anticipates awarding the contract at that time.

10.2 5/3/2-22 CSO Excursion Report

Mr. Streicher explained that on May 3rd there was an excursion at the CSO plant and asked Mr. Andrew Pakosta, Operations Superintendent, to provide a summary of the events that caused the excursion.

Mr. Pakosta stated that once staff learned about the excursion, a review of policies and procedures was conducted and it was determined that the operator in charge of the high flow event, operated the CSO plant and followed all procedures properly; and that the event happened due to the fact that the flow was coming into the plant too rapidly and staff did not have enough time to treat what was being discharged prior to the sampling guidelines. Mr. Pakosta noted that staff discussed options on how to prevent the problem from reoccurring and will work to implement some of the options. Mr. Streicher added that the permit limit is 400 ppm and the sample came back at 496 ppm, if staff had an hour longer to treat, the excursion would most likely have been avoided.

Mr. Streicher noted that, an excursion of this type is not uncommon at facilities like the CSO plant; and, as Mr. Pakosta stated there just was not enough time to turn the system around to get a clean sample.

Mr. Buckley noted that during a TAC meeting discussion, it was explained that this testing requires a set time for starting the process and taking the sample, and if the rain had happened twelve (12) hours earlier GWA would have had more time to properly treat before discharging.

Mr. Streicher explained that the “day” at the CSO plant is Noon to Noon and if the plant starts discharging at any point during that 24-hour period, a sample must be taken before Noon; and in this case staff began discharging at 10:00 a.m. and the sample had to be taken before noon so there was not enough time to disinfect thoroughly. Mr. Buckley noted that if the discharging had started at 10:00 p.m. the night before, then there would not have any issues.

Mr. Streicher noted that this is the first excursion at the CSO plant in five (5) or six (6) years and prior to this, the plant was having excursions every two (2) years.

Mr. Goldsmith asked if there would be any penalty punitive or financial. Mr. Streicher advised that the IEPA was notified and there will be no penalties of any type.

Mr. Buckley asked if there was any response from IEPA. Mr. Streicher indicated that the IEPA acknowledged receipt of the notification and that was the end of the matter. Mr. Streicher noted that if there are an excessive number of excursions, then the IEPA might have questions, but as this is the first one in six (6) years, they will not take any action.

President Senak asked if the issue was the volume of water and timing. Mr. Streicher said it was as the report indicates, the facility was discharging 56.3/mgd and the maximum capacity is 56/mgd, so every pump was running at maximum pumping ability and the facility was probably discharging into the lagoons a little.

Mr. Buckley asked if the reported 1.29" of rain in six (6) hours was based on weather monitoring at GWA's main plant. Mr. Streicher advised this it was based on a rain gauge at the CSO plant. Mr. Buckley noted the Village of Glen Ellyn's weather monitoring system recorded 1.75" in 45 minutes the same day. Mr. Streicher added that at that volume of rain, the CSO plant does get a big inflow during these types of rain events.

10.3 CHP Discussion

Mr. Streicher wanted to make the EOC Committee aware that CHP system has been down since mid-April. Mr. Streicher explained that since the installation of the engines in 2016, the system has had issues with fuses blowing every once and a while; however, the problem became more frequent, to the point where the Electrical staff noticed the wires that the fuses were supposed to be protecting had become discolored, indicating they had become overheated, most likely indicating the fuses appeared to not be protecting the cables downstream of them like they were supposed to; and, as a result the decision was made to shut down the engines until the exact cause of what has been causing the fuses to blow can be determined. Mr. Streicher noted these are 600 amp rated fuses and there should not be more than 450 amps going through the lines. Mr. Streicher advised that the following week a company will be coming out to perform testing in the hopes of being able to locate the problem. Mr. Streicher added that as a result of the CHP engines being down, the electrical usage has increased; however, FOG deliveries are still being taken in, so GWA continues to receive tipping fee revenue.

Trustee Christiansen asked what the ETA for repairs. Mr. Streicher stated that Staff is hoping the harmonic testing being done next week will reveal the problem, so staff can develop a resolution to the problem. Mr. Streicher noted that if this testing does not reveal a harmonic issue, then the next step would be to replace the fuses with circuit breakers, which trip out and can be reset, but do not require replacement and they would be a heavy-duty breaker to prevent any issues with the downstream lines being damaged. Mr. Streicher indicated that if the staff wants to install breakers, it could take two to three months as lead time for the breakers alone is four to six weeks and the installation would be a couple of weeks. Trustee Christiansen asked if all the work would be done in house. Mr. Streicher explained that GWA would probably order the materials, but actual work would be probably contracted; but would have to defer to Rick Freeman for verification and he is on vacation this week.

11.0 Other Business

11.1 Technical Advisory Committee Update

12.0 ***Next EOC Meeting*** – The next regularly scheduled EOC Meeting is set for ***Thursday, July 14, 2022 at 8:00 a.m.***

President Giagnorio made the motion to adjourn the June 9, 2022 EOC Committee meeting and Trustee Bachner seconded the MOTION. President Giagnorio, President Senak, Trustee Bachner, Trustee Christiansen, Mr. Buckley and Mr. Goldsmith responded “Aye” during a roll call. The motion carried. The meeting adjourned at 8:31 a.m.

Submitted by:

Gayle A. Lendabarker
GWA Administrative Secretary

SECTION 6.2

VOUCHER REPORTS

JUNE, JULY AND AUGUST
2022

GLENBARD WASTEWATER AUTHORITY
APPROVAL OF VOUCHERS
For the meeting in September 2022

EXPENDITURES:	Check Date	Paid Amount	
Accounts Payable Warrant 0522-1	5/13/2022	\$ 188,088.48	
Accounts Payable Warrant 0522-2	5/31/2022	\$ 213,100.20	
Accounts Payable Warrant 0622-1	6/16/2022	\$ 464,084.18	
Accounts Payable Warrant 0622-2	6/16/2022	\$ 712,647.05	
Accounts Payable Warrant 0722-1	7/15/2022	\$ 544,802.18	
Accounts Payable Warrant 0722-2	7/29/2022	\$ 36,745.08	
Accounts Payable Warrant 0822-1	8/16/2022	\$ 220,244.28	
Accounts Payable Warrant 0822-2	8/31/2022	\$ 78,783.84	
		<u><u>\$ 2,458,495.29</u></u>	<u><u>\$ 2,458,495.29</u></u>

PAYROLL EXPENDITURES:	June 3, 2022	June 17, 2022	July 1, 2022
Net Employee Payroll Checks	<u>\$ 37,180.77</u>	<u>\$ 36,435.49</u>	<u>\$ 36,436.39</u>
<u>Employee & Employer Payroll Deductions:</u>			
Employee Deductions*	\$ 18,937.43	\$ 19,056.45	\$ 18,907.98
IMRF - Employer contribution	\$ 3,424.21	\$ 3,419.04	\$ 3,417.50
Social Security/Medicare Tax Withheld - Employer portion	\$ 4,105.29	\$ 4,064.20	\$ 4,036.96
Total Payroll	<u>\$ 63,647.70</u>	<u>\$ 62,975.18</u>	<u>\$ 62,798.83</u>

PAYROLL EXPENDITURES:	July 15, 2022	July 29, 2022	August 12, 2022	August 26, 2022	
Net Employee Payroll Checks	<u>\$ 37,527.00</u>	<u>\$ 36,696.50</u>	<u>\$ 39,066.03</u>	<u>\$ 39,239.73</u>	
<u>Employee & Employer Payroll Deductions:</u>					
Employee Deductions*	\$ 19,638.67	\$ 19,290.48	\$ 20,117.35	\$ 19,981.75	
IMRF - Employer contribution	\$ 3,517.31	\$ 3,468.11	\$ 3,641.86	\$ 3,665.84	
Social Security/Medicare Tax Withheld - Employer portion	\$ 4,187.76	\$ 4,097.56	\$ 4,318.74	\$ 4,329.28	
Total Payroll	<u>\$ 64,870.74</u>	<u>\$ 63,552.65</u>	<u>\$ 67,143.98</u>	<u>\$ 67,216.60</u>	<u>\$ 452,205.68</u>
			GRAND TOTAL		<u>\$ 2,910,700.97</u>

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
9 ALEXANDER CHEMICAL CORPORATION										
25428		05/03/2022		0622-1	960847	9,436.50	06/15/2022	INV	PD	#100255-CSO CHEMICALS - M
25654		07/11/2022		0822-1	960983	10,186.16	07/31/2022	INV	PD	#100255-CSO CHEMICALS - J
						19,622.66				
33 CALCO, LTD.										
25567		06/21/2022		0722-1	960916	277.00	07/15/2022	INV	PD	0008061 - MTNCE REPAIR -
25491		06/02/2022		0622-2	960894	195.00	06/15/2022	INV	PD	#8061-LAB CHEMICALS - JUN
25795		07/28/2022		0822-1	960988	162.00	08/15/2022	INV	PD	#8061-LAB CHEMICALS - JUL
						634.00				
37 CDW GOVERNMENT, INC.										
25858		08/15/2022		0822-2	961039	100.44	08/29/2022	INV	PD	#4019735-COMPUTER BACKUPS
47 CINTAS CORPORATION #769										
25446		04/18/2022		0622-1	960853	169.90	06/15/2022	INV	PD	#14944758-MAINT SHOP TOWE
25447		05/16/2022		0622-1	960853	169.90	06/15/2022	INV	PD	#14944758-MAINT SHOP TOWE
25506		06/13/2022		0622-2	960896	169.90	06/30/2022	INV	PD	#14944758-MAINT SHOP TOWE
25624		07/11/2022		0722-1	960917	169.90	07/15/2022	INV	PD	#14944758-MAINT SHOP TOWE
25812		08/08/2022		0822-1	960990	169.90	08/15/2022	INV	PD	#14924503-MAINT SHOP TOWE
						849.50				
50 COMMONWEALTH EDISON COMPANY										
25492		06/10/2022		0622-2	960897	13.67	06/15/2022	INV	PD	#6243526021-ELECTRIC USAG
25657		07/12/2022		0722-2	960959	13.67	07/31/2022	INV	PD	#6243526021-SUNNYBROOK EL
25381		05/11/2022		0522-2	960821	13.84	05/31/2022	INV	PD	#6243526021-SUNNYBROOK EL
25834		08/10/2022		0822-1	960993	13.67	08/15/2022	INV	PD	#6243526021-ELECTRIC USAG
						54.85				
62 PADDOCK PUBLICATIONS, INC										
25383		05/07/2022		0522-2	960824	57.50	05/31/2022	INV	PD	#112117-PUBLIC HEARING NO
25828		07/30/2022		0822-1	960996	147.20	08/15/2022	INV	PD	#112117-ROOFING PROJ BID
						204.70				
86 EESCO, A DIVISION OF WESCO DISTRIBUTION INC										
25808		07/21/2022		0822-1	960998	84.71	08/15/2022	INV	PD	#81393-01-ELECTRICAL PART
107 GASVODA & ASSOCIATES, INC.										
25573		06/28/2022		0722-1	960924	2,058.16	07/15/2022	INV	PD	GLENBARD1 - EQUIP MTNC -
25758		07/22/2022		0822-1	960999	50.40	08/15/2022	INV	PD	#GLENBARD1-MAINT PARTS -
25757		07/22/2022		0822-1	960999	918.54	08/15/2022	INV	PD	#GLENBARD1-ELECTRICAL PAR
						3,027.10				
119 HACH COMPANY										
25295		04/26/2022		0522-1	960788	381.92	05/15/2022	INV	PD	#071607-ELECTRICAL SUPPL

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
25304		05/01/2022		0522-1	960788	7,049.22	05/15/2022	INV	PD	#71607-ANNUAL EQUIPMENT S
25763		07/25/2022		0822-1	961003	15.48	08/15/2022	INV	PD	#71607-ELECTRICAL SHIPPIN
25824		08/02/2022		0822-1	961003	381.92	08/15/2022	INV	PD	#71607-ANALYZER CHEMICALS
						7,828.54				
122 HOTSY OF CHICAGO, INC										
25340		05/06/2022		0522-1	960789	71.80	05/15/2022	INV	PD	MAINT PARTS - MAY 2022
124 HOME DEPOT USA, INC										
25814		08/04/2022		0822-1	961004	9.97	08/15/2022	INV	PD	#7114-MAINT SUPPLIES - AU
25813		08/04/2022		0822-1	961004	14.56	08/15/2022	INV	PD	#7114-MAINT SUPPLIES - AU
25385		05/16/2022		0522-2	960828	105.56	05/31/2022	INV	PD	#7114-ELECTRICAL SUPPLIES
25483		06/06/2022		0622-2	960902	25.42	06/15/2022	INV	PD	#7114-MAINT PARTS - JUN 2
25734		07/22/2022		0822-1	961004	.52	07/29/2022	INV	PD	#7114-REPAYMENT OF DISCOU
25296		04/25/2022		0522-1	960790	14.47	05/15/2022	INV	PD	#7114-MAINT TOOL - APR 20
25851		08/12/2022		0822-1	961004	197.87	08/15/2022	INV	PD	#7114-ELECTTRICAL SUPPLIE
25583		06/23/2022		0722-1	960928	72.11	07/15/2022	INV	PD	7114 - BLDG MTNCE - 07/22
25740		07/22/2022		0822-1	961004	1.47	07/29/2022	INV	PD	#7114-DISCOUNT REPAYMENT-
25906		08/22/2022		0822-2	961044	89.97	08/30/2022	INV	PD	#7114-OPERATIONS TOOLS -
25454		05/27/2022		0622-1	960862	23.42	06/15/2022	INV	PD	#7114-MAINT SUPPLIES - MA
25800		08/01/2022		0822-1	961004	68.91	08/15/2022	INV	PD	#7114-ELECTRICAL SUPPLIES
25733		07/22/2022		0822-1	961004	16.98	07/29/2022	INV	PD	#7114-LADIES LOCKERROOM S
25512		06/16/2022		0622-2	960902	53.80	06/30/2022	INV	PD	#7114-MAINT SUPPLIES - JU
25735		07/22/2022		0822-1	961004	1.10	07/29/2022	INV	PD	#7114-REPAYMENT OF DISCOU
25799		08/01/2022		0822-1	961004	144.00	08/15/2022	INV	PD	*7114-OPERATIONS SUPPLIES
25535		06/21/2022		0622-2	960902	120.81	06/30/2022	INV	PD	#7114-ELECTRICAL SUPPLIES
25736		07/22/2022		0722-2	960966	2.47	07/29/2022	INV	PD	#7114-DISCOUNT REPAYMENT
25534		06/21/2022		0622-2	960902	224.42	06/30/2022	INV	PD	#7114-ELECTRICAL PARTS -
25737		07/22/2022		0722-2	960966	4.58	07/29/2022	INV	PD	#7114-REPAYMENT OF DISCOU
25533		06/21/2022		0622-2	960902	-247.32	06/30/2022	CRM	PD	#7114--REUTRND PARTS - J
25530		06/21/2022		0622-2	960902	361.62	06/30/2022	INV	PD	#7114-MAINT PARTS - JUN 2
25738		07/22/2022		0822-1	961004	7.38	07/29/2022	INV	PD	#7114-DISCOUNT REPAYMENT
25532		06/21/2022		0622-2	960902	247.32	06/30/2022	INV	PD	#7114-ELECTRICAL PARTS -
25531		06/21/2022		0622-2	960902	28.07	06/30/2022	INV	PD	#7114-MAINT SUPPLIES-JUN
25739		07/22/2022		0822-1	961004	.57	07/29/2022	INV	PD	#7114-DISCOUNT REPAYMENT-
25663		06/30/2022		0722-2	960966	37.14	07/31/2022	INV	PD	#7114-MAINT SUPPLIES - JU
25764		07/29/2022		0822-1	961004	319.00	08/15/2022	INV	PD	#7114-OPERATIONS MOWER -
25766		07/28/2022		0822-1	961004	113.29	08/15/2022	INV	PD	#7114-MAINT SUPPLIES - JU
25728		07/18/2022		0822-1	961004	29.79	07/29/2022	INV	PD	#7114-MAINT SUPPLIES - JU
25863		08/17/2022		0822-2	961044	29.93	08/29/2022	INV	PD	#7114-MAINT SUPPLIES - AU
25765		07/27/2022		0822-1	961004	169.82	08/15/2022	INV	PD	#7114-ELECTRICAL TOOLS -
25835		08/09/2022		0822-1	961004	20.00	08/15/2022	INV	PD	#7114-LATE FEES AUG 2022
						2,309.02				
126 ILLINOIS ASSN. OF WASTEWATER AGENCIES										
25673		07/15/2022		0722-2	960967	180.00	07/31/2022	INV	PD	GWA - STREICHER, PAKOSTA,
25672		07/15/2022		0722-2	960967	70.00	07/31/2022	INV	PD	GWA-ASHLEY STAAT REGISTRA
						250.00				
157 LEN'S ACE HARDWARE, INC.										
25310		04/26/2022		0522-1	960795	4.55	05/15/2022	INV	PD	#331050-OPERATIONS SUPPLI

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
25386		05/11/2022		0522-2	960830	7.19	05/31/2022	INV	PD	#331050-MAINT TOOL - MAY
25387		05/12/2022		0522-2	960830	79.18	05/31/2022	INV	PD	#331050-OPERATIONS SUPPLI
25388		05/12/2022		0522-2	960830	55.13	05/31/2022	INV	PD	#331050-OPERATIONS SUPPLI
25389		05/17/2022		0522-2	960830	139.90	05/31/2022	INV	PD	#331050-OPERATIONS SUPPLI
25513		06/01/2022		0622-2	960904	35.14	06/30/2022	INV	PD	#331050-OPERATIONS SUPPLI
25514		06/03/2022		0622-2	960904	49.36	06/30/2022	INV	PD	#331050-OPERATIONS SUPPLI
25515		06/03/2022		0622-2	960904	25.94	06/30/2022	INV	PD	#331050-OPERATIONS SUPPLI
25517		06/06/2022		0622-2	960904	57.54	06/30/2022	INV	PD	#331050-OPERATIONS SUPPLI
25516		06/06/2022		0622-2	960904	39.94	06/30/2022	INV	PD	#331050-OPERATIONS SUPPLI
25518		06/14/2022		0622-2	960904	4.42	06/30/2022	INV	PD	#331050-OPERATIONS SUPPLI
25537		06/23/2022		0622-2	960904	54.82	06/30/2022	INV	PD	#331050-OPERATIONS SUPPLI
25594		06/24/2022		0722-1	960933	11.19	07/15/2022	INV	PD	331050 - BLDG MTNCE - 07/
25593		06/27/2022		0722-1	960933	35.99	07/15/2022	INV	PD	331050 - BLDG MTNCE - 07/
25592		06/28/2022		0722-1	960933	74.37	07/15/2022	INV	PD	331050 - BLDG MTNCE - 07/
25591		06/29/2022		0722-1	960933	19.84	07/15/2022	INV	PD	331050 - BLDG MTNCE - 07/
25590		06/30/2022		0722-1	960933	19.96	07/15/2022	INV	PD	331050 - BLDG MTNCE - 07/
25589		06/30/2022		0722-1	960933	39.98	07/15/2022	INV	PD	331050 - OPER SUPPL - 07/
25588		06/30/2022		0722-1	960933	19.70	07/15/2022	INV	PD	331050 - MTNCE SUPL - 07/
25564		07/01/2022		0722-1	960933	36.77	07/15/2022	INV	PD	331050 - MTNCE SUPPLIES -
25611		07/06/2022		0722-1	960933	51.54	07/15/2022	INV	PD	331050 - OPER SUPPL - 07/
25617		07/07/2022		0722-1	960933	11.19	07/15/2022	INV	PD	331050-BLDG MTNC - 07/22
25677		07/14/2022		0722-2	960970	7.98	07/31/2022	INV	PD	331050-EQUIP MTNCE - 07/2
25678		07/14/2022		0722-2	960970	43.12	07/31/2022	INV	PD	331050-OPER SUPPL - 07/22
25676		07/14/2022		0722-2	960970	8.79	07/31/2022	INV	PD	331050-MTNCE SUPPL-07/22
25675		07/15/2022		0722-2	960970	36.77	07/31/2022	INV	PD	331050 - MTNCE SUPL - 07/
25674		07/19/2022		0722-2	960970	6.70	07/31/2022	INV	PD	331050-MTNCE SUPL - 07/22
25730		07/21/2022		0822-1	961010	5.18	07/29/2022	INV	PD	#331050-SUPPLIES
25729		07/22/2022		0822-1	961010	3.19	07/29/2022	INV	PD	#331050-LOCKERROOM SUPPLI
25752		07/27/2022		0722-2	960970	4.21	07/29/2022	INV	PD	#331050-OPERATIONS SUPPLI
25771		07/29/2022		0822-1	961010	47.97	08/15/2022	INV	PD	#331050-OPERATIONS SUPPLI
25772		08/01/2022		0822-1	961010	60.74	08/15/2022	INV	PD	#331050-OPERATIONS SUPPLI
25773		08/03/2022		0822-1	961010	6.38	08/15/2022	INV	PD	#331050-OPERATIONS SUPPLI
25801		08/04/2022		0822-1	961010	41.51	08/15/2022	INV	PD	#331050-OPERATIONS SUPPLI
25816		08/05/2022		0822-1	961010	23.96	08/15/2022	INV	PD	#331050-OPERATIONS SUPPLI
25826		08/09/2022		0822-1	961010	16.75	08/15/2022	INV	PD	#331050-OPERATIONS SUPPLI
25836		08/11/2022		0822-1	961010	71.15	08/15/2022	INV	PD	#331050-OPERATIONS SUPPLI
25866		08/17/2022		0822-2	961045	18.75	08/29/2022	INV	PD	#331050-OPERATIONS SUPPLI
25865		08/19/2022		0822-2	961045	41.56	08/29/2022	INV	PD	#331050-OPERATIONS SUPPLI
25907		08/24/2022		0822-2	961045	1.42	08/30/2022	INV	PD	#331050-OPERATIONS SUPPLI

1,319.77

171 MCMaster-CARR SUPPLY CO.

25312		04/22/2022		0522-1	960798	328.31	05/15/2022	INV	PD	#7735700-MAINT TOOLS - AP
25311		04/27/2022		0522-1	960798	436.18	05/15/2022	INV	PD	#7735700-MAINT TOOLS - AP
25341		05/05/2022		0522-1	960798	31.02	05/15/2022	INV	PD	#7735700-MAINT SUPPLIES -
25390		05/11/2022		0522-2	960832	20.81	05/31/2022	INV	PD	#7735700-MAINT PARTS - MA
25391		05/12/2022		0522-2	960832	503.43	05/31/2022	INV	PD	#7735700-MAINT SUPPLIES -
25411		05/13/2022		0522-2	960832	19.31	05/31/2022	INV	PD	#7735700-ELECTRICAL SUPPL
25410		05/13/2022		0522-2	960832	197.73	05/31/2022	INV	PD	#7735700-OPERATIONS SUPPL
25493		06/07/2022		0622-2	960906	41.28	06/15/2022	INV	PD	#7735700-MAINT PARTS-JUN
25520		06/14/2022		0622-2	960906	43.93	06/30/2022	INV	PD	#7735700-MAINT SUPPLIES -
25595		06/23/2022		0722-1	960935	84.89	07/15/2022	INV	PD	7735700 - EQUIP MTNCE - 0
25618		07/01/2022		0722-1	960935	52.71	07/15/2022	INV	PD	7735700 - OPER EQUIP - 07
25631		07/07/2022		0722-1	960935	27.97	07/15/2022	INV	PD	#7735700-MAINT TOOLS - JU

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
25632		07/07/2022		0722-1	960935	288.33	07/15/2022	INV	PD	#7735700-MAINT SUPPLIES -
25679		07/13/2022		0722-2	960971	26.43	07/31/2022	INV	PD	7735700-MTNCE EQUIP - 07/
25682		07/13/2022		0722-2	960971	79.66	07/31/2022	INV	PD	7835700-EQUIP MTNCE - 07/
25680		07/14/2022		0722-2	960971	111.43	07/31/2022	INV	PD	7735700-EQUIP MTNCE - 07/
25681		07/14/2022		0722-2	960971	102.78	07/31/2022	INV	PD	7735700-EQUIP MTNCE - 07/
25742		07/18/2022		0722-2	960971	-79.66	07/29/2022	CRM	PD	#7735700-CREDIT FOR RETUR
25741		07/21/2022		0722-2	960971	215.16	07/29/2022	INV	PD	#7735700-ELECTRICAL SUPPL
25774		07/25/2022		0822-1	961012	78.61	08/15/2022	INV	PD	#7735700-MAINT TOOSL - JU
25867		08/12/2022		0822-2	961046	379.14	08/29/2022	INV	PD	#7735700-MAINT TOOLS & SU
25868		08/15/2022		0822-2	961046	9.75	08/29/2022	INV	PD	#7735700-MAITN SUPPLIES -
25908		07/17/2022		0822-2	961046	23.33	08/30/2022	INV	PD	#7735700-MAINT TOOLS - AU
25683		07/08/2022		0722-2	960971	-27.97	07/31/2022	CRM	PD	7735700-ORIG INV 81011910
						2,994.56				
178 MICHAEL'S UNIFORM COMPANY, INC.										
25869		08/17/2022		0822-2	961048	101.70	08/29/2022	INV	PD	UNIFORMS -AUG 2022
25633		06/27/2022		0722-1	960936	1,554.80	07/15/2022	INV	PD	UNIFORMS-SPRING/SUMMER 20
25870		08/17/2022		0822-2	961048	155.50	08/29/2022	INV	PD	UNIFORMS - JUL 2022
						1,812.00				
185 KONICA MINOLTA BUSINESS SOLUTIONS INC										
25309		04/25/2022		0522-1	960794	31.85	05/15/2022	INV	PD	#146316-COPIER USAGE - AP
25433		05/25/2022		0622-1	960865	85.70	06/15/2022	INV	PD	#146316-COPIER USAGE - AP
25613		06/25/2022		0722-1	960932	87.28	07/15/2022	INV	PD	146316 - COPIER MTNCE - 0
25769		07/25/2022		0822-1	961007	62.83	08/15/2022	INV	PD	#146316-COPIER USAGE - JU
						267.66				
188 MOTION INDUSTRIES INC										
25412		05/19/2022		0522-2	960834	485.63	05/31/2022	INV	PD	#80514201-ELECTRICAL PART
25435		05/31/2022		0622-1	960868	56.12	06/15/2022	INV	PD	#80514201-ELECTRICAL PART
						541.75				
190 SID TOOL CO, INC										
25521		06/17/2022		0622-2	960907	132.90	06/30/2022	INV	PD	#1622985-MAINT TOOLS - JU
25684		07/14/2022		0722-2	960972	13.84	07/31/2022	INV	PD	01622985-EQUIP MTNCE - 07
						146.74				
199 NEUCO, INC.										
25392		05/17/2022		0522-2	960835	1,696.98	05/31/2022	INV	PD	#GL016-MAINT SUPPLIES - M
25475		06/07/2022		0622-1	960869	325.52	06/15/2022	INV	PD	#GL06-ELECTRICAL PARTS -
25522		06/13/2022		0622-2	960908	149.34	06/30/2022	INV	PD	#GL016-MAINT PARTS - JUN
25634		07/08/2022		0722-1	960938	238.88	07/15/2022	INV	PD	#GL016-ELECTRICAL PARTS -
25871		08/16/2022		0822-2	961050	879.89	08/29/2022	INV	PD	#GL016-MAINT PARTS - AUG
						3,290.61				
201 NEWARK CORPORATION										
25872		06/29/2022		0822-2	961051	150.44	08/29/2022	INV	PD	#ELECTRICAL PARTS & SUPPL
209 NCL OF WISCONSIN INC										

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
25315		04/26/2022		0522-1	960801	55.66	05/15/2022	INV	PD	#17348-LAB SUPPLIES - APR
25457		06/02/2022		0622-1	960870	838.70	06/15/2022	INV	PD	#17348-LAB SUPPLIES - JUN
25476		06/03/2022		0622-1	960870	101.64	06/15/2022	INV	PD	#17348-JANITORIAL SUPPLIE
25651		07/07/2022		0722-1	960939	953.06	07/15/2022	INV	PD	#17348-LAB SUPPLIES - JUL
25685		07/13/2022		0722-2	960973	756.01	07/31/2022	INV	PD	17348-LAB EQUIP-07/22
25782		07/27/2022		0822-1	961015	837.57	08/15/2022	INV	PD	#17348-LAB SUPPLIES - JUL
						3,542.64				
211 OMI INDUSTRIES										
25817		06/16/2022		0822-1	961017	938.82	08/15/2022	INV	PD	DEODORIZING CHEMICALS - J
224 POLYDYNE INC										
25395		05/12/2022		0522-2	960839	13,524.00	05/31/2022	INV	PD	#103379-POLYMER - MAY 202
25731		07/18/2022		0822-1	961022	13,524.00	07/29/2022	INV	PD	#103379-CHEMICALS - JUL 2
						27,048.00				
226 PORTER PIPE AND SUPPLY CO										
25597		06/24/2022		0722-1	960941	1,754.68	07/15/2022	INV	PD	1823 - EQUIP MTNCE - 07/2
25413		05/19/2022		0522-2	960840	1,239.73	05/31/2022	INV	PD	#1823 - MAINT SUPPLIES -
25478		06/07/2022		0622-2	960911	1,443.39	06/15/2022	INV	PD	#1823-MAINT SUPPLIES - JU
25524		06/14/2022		0622-2	960911	41.83	06/30/2022	INV	PD	#1823-MAINT SUPPLIES - JU
25523		06/14/2022		0622-2	960911	27.91	06/30/2022	INV	PD	#1823-MAINT SUPPLIES - JU
25785		07/27/2022		0822-1	961023	208.52	08/15/2022	INV	PD	#1823-MAINT SUPPLIES - JU
						4,716.06				
237 RANDALL PRESSURE SYSTEMS, INC.										
25915		08/23/2022		0822-2	961054	26.61	08/30/2022	INV	PD	#334020-MAINT HOSE SUPPLI
25874		08/19/2022		0822-2	961054	631.72	08/29/2022	INV	PD	#334020-MAINT SUPPLIES -
						658.33				
252 SCHANER'S WASTEWATER PRODUCTS INC.										
25318		04/12/2022		0522-1	960808	5,190.62	05/15/2022	INV	PD	OPERATIONS CHEMICALS - AP
271 TERRACE SUPPLY COMPANY										
25323		04/30/2022		0522-1	960811	59.10	05/15/2022	INV	PD	#315850-WELDING CYLINDER
25466		05/31/2022		0622-1	960883	61.07	06/15/2022	INV	PD	#315850-WELDIGN CYLINDER
25640		06/30/2022		0722-1	960948	59.10	07/15/2022	INV	PD	#315850-WELDING GAS CYLIN
25804		07/31/2022		0822-1	961030	61.07	08/15/2022	INV	PD	#315850-WELDING GAS CYLIN
						240.34				
289 HD SUPPLY FACILITIES MAINT LTD										
25805		07/25/2022		0822-1	961033	214.74	08/15/2022	INV	PD	#222656-LAB SUPPLIES - JU
293 VILLAGE OF GLEN ELLYN										
25469		06/01/2022		0622-1	960859	169.86	06/15/2022	INV	PD	#432720-WATER SVC & ANNUA
25327		05/01/2022		0522-1	960785	19.86	05/15/2022	INV	PD	#432720-WATER SVC - MAR 2

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
25648		07/01/2022		0722-1	960925	19.86	07/15/2022	INV	PD	#432720-WATER SVC - MAY/J
25807		08/01/2022		0822-1	961000	19.86	08/15/2022	INV	PD	#432720-WATER SVC - JUN/J
25326		05/01/2022		0522-1	960785	1,224.37	05/15/2022	INV	PD	#610130-WATER SVC - MAR 2
25649		07/01/2022		0722-1	960925	2,700.46	07/15/2022	INV	PD	#610130-WATER USAGE MAY/J
25806		08/01/2022		0822-1	961000	511.89	08/15/2022	INV	PD	#610130-WATER SVC - JUN/J
25468		06/01/2022		0622-1	960859	2,900.55	06/15/2022	INV	PD	#610130-WATER USAGE - APR
10131101		05/17/2022		0522-2	3267	14,861.50	05/17/2022	DIR	PD	MONTHLY IFT TRANSFER
10131102		06/01/2022		0622-2	3268	14,861.50	06/30/2022	DIR	PD	MONTHLY IFT TRANSFER
10131103		07/22/2022		0722-2	3324	14,861.50	07/29/2022	DIR	PD	MONTHLY IFT TRANSFER
10131104		08/19/2022		0822-2	3347	14,861.50	08/31/2022	DIR	PD	MONTHLY IFT TRANSFER
						67,012.71				
295 VILLAGE OF LOMBARD										
25614		07/01/2022		0722-1	960934	15.35	07/15/2022	INV	PD	31774-001 - W&S SVC CHG -
25330		05/01/2022		0522-1	960796	338.75	05/15/2022	INV	PD	#30042-001-WATER SVC - MA
25331		05/01/2022		0522-1	960796	15.35	05/15/2022	INV	PD	#31774-001-WATER SVC - MA
25822		08/01/2022		0822-1	961011	98.51	08/15/2022	INV	PD	#30042-001-CSO WATER SVC
25823		08/01/2022		0822-1	961011	15.35	08/15/2022	INV	PD	#31774-001-WATER SVC - JU
25471		06/01/2022		0622-1	960866	15.35	06/15/2022	INV	PD	#31774-001-WATER SVC - AP
25470		06/01/2022		0622-1	960866	366.47	06/15/2022	INV	PD	#30042-001-CSO WATER SVC-
25616		07/01/2022		0722-1	960934	606.71	07/15/2022	INV	PD	30042-001 - W&S SVC CHG -
						1,471.84				
297 W.W. GRAINGER, INC.										
25293		05/02/2022		0522-1	960786	68.53	05/15/2022	INV	PD	#801764762-ELECTRICAL TOO
25303		05/04/2022		0522-1	960786	238.91	05/15/2022	INV	PD	#801764762-MAINT REPLACEM
25292		05/04/2022		0522-1	960786	106.84	05/15/2022	INV	PD	#801764762-ELECTRICAL PAR
25302		05/05/2022		0522-1	960786	53.90	05/15/2022	INV	PD	#801764762-MAINT PARTS -
25339		05/10/2022		0522-1	960786	6.00	05/15/2022	INV	PD	#801764762-ELECTRICAL SUP
25409		05/12/2022		0522-2	960827	966.36	05/31/2022	INV	PD	#801764762-OPERATIONS PPE
25384		05/16/2022		0522-2	960827	126.12	05/31/2022	INV	PD	#801764762-JANITORIAL SUP
25408		05/16/2022		0522-2	960827	26.30	05/31/2022	INV	PD	#801764762-ELECTRICAL PAR
25407		05/17/2022		0522-2	960827	756.33	05/31/2022	INV	PD	#801764762-GAS DETECTION
25406		05/17/2022		0522-2	960827	459.54	05/31/2022	INV	PD	#801764762-ELECTRICAL PAR
25405		05/18/2022		0522-2	960827	195.12	05/31/2022	INV	PD	#801764762-MAINT PARTS -
25424		05/24/2022		0522-2	960827	400.50	05/31/2022	INV	PD	#801764762-ELECTRICAL SUP
25453		05/31/2022		0622-1	960860	3.72	06/15/2022	INV	PD	#801764762-HEAT RELIEF-MA
25451		05/31/2022		0622-1	960860	3.61	06/15/2022	INV	PD	#801764762-HEAT RELIEF-MA
25452		05/31/2022		0622-1	960860	3.60	06/15/2022	INV	PD	#801764762-HEAT RELIEF-MA
25481		06/09/2022		0622-2	960901	5.10	06/15/2022	INV	PD	#801764762-MAINT PARTS -
25508		06/13/2022		0622-2	960901	11.33	06/30/2022	INV	PD	#801764762-MAINT SUPPLIES
25509		06/14/2022		0622-2	960901	35.94	06/30/2022	INV	PD	#801764762-HOT WEATHER GE
25510		06/16/2022		0622-2	960901	161.68	06/30/2022	INV	PD	#801764762-MAINT SUPPLIES
25511		06/17/2022		0622-2	960901	111.00	06/30/2022	INV	PD	#801764762-HEAT SAFETY SU
25528		06/21/2022		0622-2	960901	18.76	06/30/2022	INV	PD	#801764762-MAINT SUPPLIES
25529		06/22/2022		0622-2	960901	209.48	06/30/2022	INV	PD	#801764762-ELECTRICAL PAR
25581		06/22/2022		0722-1	960926	102.84	07/15/2022	INV	PD	801764762 - MISC SUPPL -
25580		06/24/2022		0722-1	960926	238.56	07/15/2022	INV	PD	801764762 - BLDG SUPPL -
25579		06/24/2022		0722-1	960926	68.40	07/15/2022	INV	PD	801764762 - BLDG SUPP - 0
25576		06/27/2022		0722-1	960926	12.06	07/15/2022	INV	PD	801764762 - BLDG MTNCE -
25574		06/28/2022		0722-1	960926	63.82	07/15/2022	INV	PD	801764762 - TOOLS - 07/22
25577		06/29/2022		0722-1	960926	167.96	07/15/2022	INV	PD	801764762 - BLDG MTNCE -
25578		06/29/2022		0722-1	960926	526.50	07/15/2022	INV	PD	801764762 - SAFETY EQUIP

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
25627		07/08/2022		0722-1	960926	123.18	07/15/2022	INV	PD	#801764762-ELECTRICAL PAR
25661		07/12/2022		0722-2	960965	16.64	07/31/2022	INV	PD	#801764762-SAFETY SIGNAGE
25671		07/12/2022		0722-2	960965	157.65	07/31/2022	INV	PD	801764762 - MTNCE SUPL -
25662		07/13/2022		0722-2	960965	23.20	07/31/2022	INV	PD	#80176762-SAFETY SIGNAGE
25670		07/13/2022		0722-2	960965	85.53	07/31/2022	INV	PD	801764762 - MTNCE SUPL -
25669		07/14/2022		0722-2	960965	80.56	07/31/2022	INV	PD	801764662 - MTNCE SUPL -
25668		07/15/2022		0722-2	960965	102.03	07/31/2022	INV	PD	801764762 - MTNCE SUPL -
25697		07/18/2022		0722-2	960965	20.61	07/29/2022	INV	PD	#801764762-MAINT TOOLS -
25695		07/19/2022		0722-2	960965	148.56	07/29/2022	INV	PD	#801764762-ELECTRICAL SUP
25696		07/19/2022		0722-2	960965	117.68	07/29/2022	INV	PD	#801764762-ENTRY RUG - JU
25732		07/21/2022		0722-2	960965	57.30	07/29/2022	INV	PD	#801764762-ELECTRICAL SUP
25747		07/25/2022		0722-2	960965	25.10	07/29/2022	INV	PD	#801764762-REPLACEMENT PA
25746		07/25/2022		0722-2	960965	32.45	07/29/2022	INV	PD	#801764762-ELECTRICAL SUP
25482		06/09/2022		0622-1	960860	51.16	06/15/2022	INV	PD	#801764762-SAFETY GEAR-JU
25761		07/27/2022		0822-1	961001	31.15	08/15/2022	INV	PD	#2024961-OPERATIONS TOOLS
25759		07/28/2022		0822-1	961001	34.23	08/15/2022	INV	PD	#801764762-OPERATIONS TOO
25797		08/02/2022		0822-1	961001	53.97	08/15/2022	INV	PD	#801764762-ELECTRICAL TOO
25798		08/04/2022		0822-1	961001	349.84	08/15/2022	INV	PD	#801764762-MAINT TOOLS -
25830		08/09/2022		0822-1	961001	200.20	08/15/2022	INV	PD	#80176762-ELECTRICAL SUPP
25829		08/10/2022		0822-1	961001	421.85	08/15/2022	INV	PD	#801764762-ELECTRICAL SUP
25845		08/10/2022		0822-1	961001	230.39	08/15/2022	INV	PD	#801764762-EYEWASH PARTS-
25844		08/12/2022		0822-1	961001	91.80	08/15/2022	INV	PD	#801764762-ELECTRICAL SUP
25862		08/15/2022		0822-2	961043	97.35	08/29/2022	INV	PD	#801764762-ELECTRICAL SUP
25861		08/17/2022		0822-2	961043	12.48	08/29/2022	INV	PD	#801764762-MAINT SUPPLIES
25860		08/18/2022		0822-2	961043	44.08	08/29/2022	INV	PD	#801764762-SAFETY TAGS-AU
25905		08/22/2022		0822-2	961043	19.70	08/30/2022	INV	PD	#801764762-SAFETY SIGNAGE
25904		08/24/2022		0822-2	961043	28.16	08/30/2022	INV	PD	#801764762-MAINT TOOLS -
25902		08/25/2022		0822-2	961043	75.43	08/30/2022	INV	PD	#801764762-MAINT PARTS -
25903		08/25/2022		0822-2	961043	124.64	08/30/2022	INV	PD	#801764762-MAINT PARTS -
						8,005.73				
309 WILKENS-ANDERSON CO.										
25398		05/09/2022		0522-2	960845	192.65	05/31/2022	INV	PD	#3374-LAB SUPPLIES - MAY
25472		06/03/2022		0622-1	960889	199.51	06/15/2022	INV	PD	#.3374-LAB SUPPLIES - JUN
25921		08/17/2022		0822-2	961060	288.75	08/30/2022	INV	PD	#3374-LAB SUPPLIES - AUG
						680.91				
407 MUNICIPAL INS COOPERATIVE AGENCY										
25313		05/02/2022		0522-1	960799	124,479.00	05/15/2022	INV	PD	2022-2023 LIABILITY INSUR
412 NESTLE WATERS NORTH AMERICA										
25332		05/06/2022		0522-1	960805	82.94	05/15/2022	INV	PD	#8100616302-BOTTLED WATER
25619		07/06/2022		0722-1	960942	195.87	07/15/2022	INV	PD	8100616302 - OPER SUP - 0
						278.81				
413 DRYDON EQUIPMENT,INC										
25507		06/06/2022		0622-2	960899	477.40	06/30/2022	INV	PD	GLENBARDWWA-PARTS - JUN 2
430 ILLINOIS EPA FISCAL SERVICES SEC.										
25585		06/24/2022		0722-1	960931	52,500.00	07/15/2022	INV	PD	IL0021547-A - NPDES FEE S

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25587		06/24/2022		0722-1	960931	20,000.00	07/15/2022	INV	PD	IL0022471 A - NPDES FEE C
						72,500.00				
	434 LAI, LTD.									
25698		07/16/2022		0722-2	960969	1,065.00	07/29/2022	INV	PD	ELECTRICAL GAS SENSOR KIT
	464 STRAND ASSOCIATES, INC.									
25606		05/26/2022		0722-1	960945	2,802.06	07/15/2022	INV	PD	PROJECT 1278.057 - PROF S
25607		06/13/2022		0722-1	960945	552.15	07/15/2022	INV	PD	PROJECT 1278.057 - PROF S
						3,354.21				
	477 UNITED PARCEL SERVICE, INC									
25324		04/30/2022		0522-1	960812	15.82	05/15/2022	INV	PD	#9YF103-FREIGHT SVCS - AP
25609		06/25/2022		0722-1	960950	26.22	07/15/2022	INV	PD	9YF103 - SHIPPING FEE - 0
25494		06/11/2022		0622-1	960886	26.91	06/15/2022	INV	PD	#9YF103-SHIPPING CHARGES
25525		06/18/2022		0622-2	960912	26.06	06/30/2022	INV	PD	#9YF103-SHIPPING SVCS - J
25644		07/02/2022		0722-1	960950	27.33	07/15/2022	INV	PD	#9YF103-SHIPPING SVCS - J
25821		08/06/2022		0822-1	961032	15.85	08/15/2022	INV	PD	#9YF103-HACH SHIPPING FEE
						138.19				
	490 COMCAST CABLE COMMUNICATIONS, LLC									
25291		04/25/2022		0522-1	960782	489.71	05/15/2022	INV	PD	#8771200570017919-MAY 202
25756		07/25/2022		0822-1	960994	319.06	08/15/2022	INV	PD	#8771200570017919-INTERNE
25449		05/25/2022		0622-1	960855	318.83	06/15/2022	INV	PD	#8771200570017919-PHONE S
25569		06/25/2022		0722-1	960921	318.83	07/15/2022	INV	PD	8771 20 057 0017919 - COM
						1,446.43				
	538 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY									
25630		05/16/2022		0722-1	3298	318,500.64	07/15/2022	DIR	PD	#L17-2874- DIGESTER LOAN
	630 WATER PRODUCTS OF AURORA									
25489		06/10/2022		0622-2	960914	-103.50	06/15/2022	CRM	PD	#203278-CREDIT-RETURNED I
25488		06/10/2022		0622-2	960914	176.05	06/15/2022	INV	PD	#203278-MAINT SUPPLIES -
25527		06/14/2022		0622-2	960914	335.00	06/30/2022	INV	PD	MAINT PARTS - JUN 2022
						407.55				
	645 BUTTREY RENTAL SERVICES									
25423		05/24/2022		0622-1	960852	269.17	05/31/2022	INV	PD	#4527-EQUIPMENT RENTAL -
	659 DUPAGE RIVER/SALT CREEK WORKGROUP									
25450		06/06/2022		0622-1	960857	324,051.00	06/15/2022	INV	PD	DRSCW- ANNUAL DUES & FUND
	738 SUBURBAN LABORATORIES, INC.									
25789		11/30/2021		0822-1	961028	50.00	08/15/2022	INV	PD	LB SERVICES NOV 2022
25788		12/22/2021		0822-1	961028	748.00	08/15/2022	INV	PD	LAB SERVICES - DEC 2021
25322		04/29/2022		0522-1	960810	2,100.00	05/15/2022	INV	PD	LAB SERVICES MAR 2022

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
25321		04/30/2022		0522-1	960810	680.00	05/15/2022	INV	PD	LAB SERVICES - MAR 2022
25604		05/24/2022		0722-1	960947	234.15	07/15/2022	INV	PD	GLENBARD INDUSTRY W/O 22
25603		05/31/2022		0722-1	960947	1,244.00	07/15/2022	INV	PD	GLENBARD INDUSTRY - LAB F
25465		05/31/2022		0622-1	960881	3,006.80	06/15/2022	INV	PD	MONTHLY NPDES TESTING-MAY
25602		06/23/2022		0722-1	960947	824.00	07/15/2022	INV	PD	GLENBARD INDUSTRY - LAB F
25605		06/30/2022		0722-1	960947	1,512.75	07/15/2022	INV	PD	GLENBARD-WWTP - LAB FEES
25743		07/25/2022		0722-2	960979	1,461.00	07/29/2022	INV	PD	LAB SERVICES - JUL 2022
						11,860.70				
743 GROOT, INC										
25294		05/01/2022		0522-1	960787	386.97	05/15/2022	INV	PD	#310769434-001-REFUSE SVC
25431		06/01/2022		0622-1	960861	596.97	06/15/2022	INV	PD	#310769434001-REFUSE HAUL
25629		07/01/2022		0722-1	960927	701.97	07/15/2022	INV	PD	#310769434001-REFUSE SVC
25762		08/01/2022		0822-1	961002	428.97	08/15/2022	INV	PD	#310769434-001-REFUSE HAU
						2,114.88				
759 NORTHERN SAFETY CO., INC.										
25686		07/08/2022		0722-2	960974	586.04	07/31/2022	INV	PD	10970382-OPER SUPL - 07/2
768 CINTAS FIRST AID & SAFETY										
25301		05/06/2022		0522-1	960780	391.41	05/15/2022	INV	PD	#10127979-MONTHLY FIRST A
25568		07/01/2022		0722-1	960918	344.97	07/15/2022	INV	PD	10127979 - FIRST AID SUP
25755		07/29/2022		0822-1	960991	310.97	08/15/2022	INV	PD	#10127979-FIRST AID SVC -
						1,047.35				
828 GAYLE LENDABARKER										
25404		05/16/2022		0522-2	960826	402.42	05/31/2022	INV	PD	PETTY CASH REPLENISHMENT
836 ANDREW PAKOSTA										
25394		05/11/2022		0522-2	960837	60.00	05/31/2022	INV	PD	IPSI REIMBURSEMENT - APR
859 ANALYTICAL SOLUTION, INC										
25852		12/15/2021		0822-1	960984	620.00	08/15/2022	INV	PD	DECEMBER METHANE GAS TEST
25853		02/26/2022		0822-1	960984	620.00	08/15/2022	INV	PD	METHANE GAS TESTING - FEB
25855		04/30/2022		0822-1	960984	620.00	08/15/2022	INV	PD	METHANE GAS TESTING - APR
25854		03/29/2022		0822-1	960984	620.00	08/15/2022	INV	PD	METHANE GAS TESTING - MAR
						2,480.00				
873 THE PITNEY BOWES BANK, INC										
25820		08/05/2022		0822-1	961019	150.00	08/15/2022	INV	PD	#8000909005198416-POSTAGE
876 PITNEY BOWES, INC										
25802		08/03/2022		0822-1	961021	84.99	08/15/2022	INV	PD	#16631770-POSTAGE METER I
25316		05/02/2022		0522-1	960804	180.06	05/15/2022	INV	PD	#16631770-POSTAGE METER R
25784		08/01/2022		0822-1	961020	180.06	08/15/2022	INV	PD	#16631770-METER RENTAL AU

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
						445.11				
881 AIRGAS, INC										
25298	20220004	04/30/2022		0522-1	960778	1,500.00	05/15/2022	INV	PD	LEASE OF ATMOSPHERIC VAPO
25441	20220004	06/04/2022		0622-1	960846	1,500.00	06/15/2022	INV	PD	LEASE OF ATMOSPHERIC VAPO
25620	20220004	07/02/2022		0722-1	960915	1,500.00	07/15/2022	INV	PD	LEASE OF ATMOSPHERIC VAPO
25724		07/14/2022		0722-2	960954	281.03	07/29/2022	INV	PD	#2024961-SAFETY HARNES -
25811	20220004	07/31/2022		0822-1	960982	1,500.00	08/15/2022	INV	PD	LEASE OF ATMOSPHERIC VAPO
25288		04/30/2022		0522-1	960778	9,418.07	05/15/2022	INV	PD	#2024961-LIQUID OXYGEN -
25300		05/07/2022		0522-1	960778	5,073.75	05/15/2022	INV	PD	#2024961-LIQUID OXYGEN SU
25379		05/14/2022		0522-2	960815	9,020.97	05/31/2022	INV	PD	#202491-LIQUID OXYGEN MAY
25400		05/21/2022		0522-2	960815	8,494.82	05/31/2022	INV	PD	#2024961-LIQUID OXYGEN M
25427		05/28/2022		0622-1	960846	5,650.41	06/15/2022	INV	PD	#2024961 LIQUID OXYGEN -
25443		06/04/2022		0622-1	960846	9,496.61	06/15/2022	INV	PD	#2024961-LIQUID OXYGEN -
25498		06/11/2022		0622-2	960890	5,739.75	06/15/2022	INV	PD	#2024961-LIQUID OXYGEN -
25501		06/18/2022		0622-2	960890	7,971.69	06/30/2022	INV	PD	#2024961-LIQUID OXYGEN -
25566		06/25/2022		0722-1	960915	6,205.04	07/15/2022	INV	PD	2024961 - LIQ OXYGEN - 07
25622		07/02/2022		0722-1	960915	7,943.20	07/15/2022	INV	PD	#2024961-LIQUID OXYGEN-JU
25623		07/09/2022		0722-1	960915	5,783.35	07/15/2022	INV	PD	#2024961-LIQUID OXYGEN -
25653		07/16/2022		0822-1	960982	10,164.34	07/31/2022	INV	PD	#2024961-LIQUID OXYGEN -
25725		07/23/2022		0822-1	960982	6,150.22	07/29/2022	INV	PD	#2024961-LIQUID OXYGEN JU
25753		07/30/2022		0822-1	960982	6,891.33	08/15/2022	INV	PD	#2024961-LIQUID OXYGEN -
25809		08/06/2022		0822-2	961037	6,060.45	08/15/2022	INV	PD	#2024961-LIQUID OXYGEN JU
25843		08/13/2022		0822-2	961037	7,922.05	08/15/2022	INV	PD	#2024961-LIQUID OXYGEN-AU
25299		05/07/2022		0522-1	960778	74.84	05/15/2022	INV	PD	#2024961-ELECTRICAL GAS C
25442		06/04/2022		0622-1	960846	87.85	06/15/2022	INV	PD	#2024961-ELECTRONICS CYLI
25621		07/02/2022		0722-1	960915	85.66	07/15/2022	INV	PD	#2024961-ELECTRICAL GAS C
25810		08/06/2022		0822-1	960982	87.85	08/15/2022	INV	PD	#2024961-ELECTRICAL CYLIN
						124,603.28				
939 STAPLES CONTRACT & COMMERCIAL INC.										
25320		04/29/2022		0522-1	960809	41.18	05/15/2022	INV	PD	DET1680518-OFFICE SUPPLIE
25319		05/02/2022		0522-1	960809	31.98	05/15/2022	INV	PD	DET1680518-OFFICE SUPPLIE
25414		05/16/2022		0522-2	960841	38.45	05/31/2022	INV	PD	#DET1680518-OFFICE SUPPLI
25464		05/26/2022		0622-1	960880	25.78	06/15/2022	INV	PD	#DET1680518-OFFICE SUPPLI
25601		06/25/2022		0722-1	960944	31.39	07/15/2022	INV	PD	DET 1680518 - COM SUPL -
25600		06/25/2022		0722-1	960944	19.28	07/15/2022	INV	PD	DET 1680518 - OFFICE SUPL
25599		07/02/2022		0722-1	960944	75.25	07/15/2022	INV	PD	DET 1680518 - OFFICE SUP
25692		07/16/2022		0722-2	960978	45.24	07/31/2022	INV	PD	DET1680518-OFFICE SUPL -
25691		07/16/2022		0722-2	960978	20.99	07/31/2022	INV	PD	DET1680518-OPER SUPL - 07
25690		07/16/2022		0722-2	960978	56.77	07/31/2022	INV	PD	DET1680518 - OFFICE SUPPL
25787		07/26/2022		0822-1	961027	60.89	08/15/2022	INV	PD	DET1680518-OFFICE SUPPLIE
25850		07/26/2022		0822-1	961027	16.02	08/15/2022	INV	PD	DET1680518-DOOR SIGN HOLD
25849		07/26/2022		0822-1	961027	16.02	08/15/2022	INV	PD	DET1680518-DOOR SIGN HOLD
25846		07/26/2022		0822-1	961027	16.02	08/15/2022	INV	PD	#DET1680518-DOOR SIGN HOL
25847		07/26/2022		0822-1	961027	116.33	08/15/2022	INV	PD	#DET1680518-OFFICE/SANITA
25848		08/09/2022		0822-1	961027	36.99	08/15/2022	INV	PD	DET160518-SANITIZING SUPP
25918		08/03/2022		0822-2	961056	41.88	08/30/2022	INV	PD	#DET1680518-OFFICE SUPPLI
25917		08/16/2022		0822-2	961056	7.38	08/30/2022	INV	PD	#DET1680518-OFFICE SUPPLI
						697.84				
952 PROGRAM ONE PROFESSIONAL BUILDING SERVICES INC.										

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
25437		05/27/2022		0622-1	960875	244.00	06/15/2022	INV	PD	#8280-223488- QRTLRY WIND
25914		08/22/2022		0822-2	961053	244.00	08/30/2022	INV	PD	BI-ANNUAL WINDOW CLEANING
						488.00				
958 BAXTER & WOODMAN, INC.										
25750	20220009	07/25/2022		0722-2	960956	3,451.25	07/29/2022	INV	PD	NATIONAL POLLUTANT DISCHA
25749	20220009	07/25/2022		0822-1	960987	5,232.36	07/29/2022	INV	PD	NATIONAL POLLUTANT DISCHA
						8,683.61				
988 VERIZON WIRELESS SERVICES LLC										
25334		05/01/2022		0522-1	960814	242.58	05/15/2022	INV	PD	#842065533-00001-REMOTE S
25426		05/18/2022		0522-2	960844	462.75	05/31/2022	INV	PD	#687026363-00001-CELL PHO
25487		06/01/2022		0622-1	960888	243.05	06/15/2022	INV	PD	#842065533-00001-REMOTE S
25563		06/18/2022		0622-2	960913	473.77	06/30/2022	INV	PD	#687026363-00001-CELL PHO
25646		07/01/2022		0722-1	960952	249.24	07/15/2022	INV	PD	#842065533-00001-REMOTE S
25748		07/18/2022		0722-2	960980	1,004.73	07/29/2022	INV	PD	#687026363-00001-CELL PHO
25833		08/01/2022		0822-1	961036	249.10	08/15/2022	INV	PD	#842065533-00001-REMOTE S
25920		08/18/2022		0822-2	961059	521.36	08/30/2022	INV	PD	#687026363-00001-CELLULAR
						3,446.58				
993 SIEMENS INDUSTRY, INC.										
25786	20220011	07/28/2022		0822-1	961026	50,000.00	08/15/2022	INV	PD	FIRE MONITORING SYSTEMS U
994 DIRECT ENERGY MARKETING, INC.										
25403		05/18/2022		0522-2	960825	62,578.01	05/31/2022	INV	PD	#1152328-ELECTRICAL USAGE
25571		06/27/2022		0722-1	960922	24,203.05	07/15/2022	INV	PD	1152328 - ELECTRICITY - 0
25726		07/19/2022		0822-1	960997	20,322.26	07/29/2022	INV	PD	#1152328-ELECTRIC USAGE J
						107,103.32				
1001 TROTTER AND ASSOCIATES, INC.										
25397	20220005	04/30/2022		0522-2	960843	38,546.55	05/31/2022	INV	PD	ENGINEERING SERVICES 2022
25486	20220005	05/29/2022		0622-1	960884	17,635.56	06/15/2022	INV	PD	ENGINEERING SERVICES 2022
25642	20220005	06/30/2022		0722-1	960949	36,955.25	07/15/2022	INV	PD	ENGINEERING SERVICES 2022
25790	20200002	06/30/2022		0822-1	961031	21,600.00	08/15/2022	INV	PD	BIOSOLIDS DEWATERING IMP
25643		06/30/2022		0722-1	960949	865.00	07/15/2022	INV	PD	IDOT PROJECT ASST. - JUN
25842	20220005	07/31/2022		0822-2	961058	28,891.14	08/15/2022	INV	PD	ENGINEERING SERVICES 2022
25841		07/31/2022		0822-1	961031	559.25	08/15/2022	INV	PD	IDOT UTILITY COORD PROJ S
						145,052.75				
1006 PHENOVA, INC.										
25344		04/27/2022		0522-2	960838	629.50	05/15/2022	INV	PD	#GWW-100-LAB SUPPLIES - A
25436		05/10/2022		0622-1	960874	192.00	06/15/2022	INV	PD	#1500788-LAB TESTINGS SUP
						821.50				
1070 REVERE ELECTRIC SUPPLY										
25479		05/23/2022		0622-1	960876	479.57	06/15/2022	INV	PD	#105806-ELECTRICAL PARTS
25336		04/26/2022		0522-1	960806	175.56	05/15/2022	INV	PD	#105806-ELECTRICAL PARTS

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
						655.13				
1074 UNISON SOLUTIONS, INC.										
25422	20220007	05/12/2022		0622-1	960885	24,498.00	05/31/2022	INV	PD	CHP MEDIA PURCHASE
1133 LAUTERBACH & AMEN, LLP										
25376		05/16/2022		0522-2	960829	1,000.00	05/17/2022	INV	PD	APRIL 2022 - ACCOUNTING
1136 ADVANCE STORES COMPANY, INCORPORATED										
25792		08/02/2022		0822-1	960981	4.99	08/15/2022	INV	PD	#1872150873-MAINT TOOLS -
1138 CONSTELLATION ENERGY SERVICES INC										
25335		05/09/2022		0522-1	960783	6,726.81	05/15/2022	INV	PD	#bg-11933-NATURAL GAS USA
25480		06/07/2022		0622-1	960856	2,827.87	06/15/2022	INV	PD	#BG-11933-NATURAL GAS USA
25658		07/14/2022		0722-2	960961	1,858.40	07/31/2022	INV	PD	#BG-11933-NATURAL GAS USA
25859		08/16/2022		0822-2	961042	1,633.95	08/29/2022	INV	PD	BG-11933-NATURAL GAS USAG
						13,047.03				
1142 GENUINE PARTS CO-NAPA										
25314		05/03/2022		0522-1	960800	8.49	05/15/2022	INV	PD	#13643-MAINT PARTS - MAY
25596		06/29/2022		0722-1	960937	5.99	07/15/2022	INV	PD	13643 - EQUIP MTNCE - 07/
						14.48				
1147 ILLINOIS AMERICAN WATER COMPANY										
25455		05/25/2022		0622-1	960864	138.71	06/15/2022	INV	PD	#1025220008432566-VVLS WA
25307		04/26/2022		0522-1	960792	138.70	05/15/2022	INV	PD	#220008432566-ELECTRIC SV
25768		07/27/2022		0822-1	961006	138.71	08/15/2022	INV	PD	1025220008432566-VVLS WAT
25612		06/27/2022		0722-1	960930	138.71	07/15/2022	INV	PD	1025-220008432566
						554.83				
1160 CHICAGO METROPOLITAN FIRE PREVENTION CO.										
25656		07/10/2022		0722-2	960958	177.00	07/31/2022	INV	PD	#CON0000007406-VVLS ALARM
1166 IDEA MARKETING GROUP, INC										
25297		05/01/2022		0522-1	960791	95.00	05/15/2022	INV	PD	WEB SITE HOSTING SVCS-MAY
25432		06/01/2022		0622-1	960863	95.00	06/15/2022	INV	PD	MONTHLY WEB HOSTING FEES
25767		08/01/2022		0822-1	961005	95.00	08/15/2022	INV	PD	WEB SITE HOSTING FEE - AU
25584		07/01/2022		0722-1	960929	95.00	07/15/2022	INV	PD	GBWW - WEBSITE HOSTING -
						380.00				
1167 KOR KLEEN INC.										
25659		07/02/2022		0722-2	960963	22.50	07/31/2022	INV	PD	DRY CLEANING SVCS - JUN 2
1168 NORTHERN TOOL & EQUIPMENT										
25458		04/06/2022		0622-1	960871	199.00	06/15/2022	INV	PD	#199902-MAINT TOOLS - APR

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
25393		05/13/2022		0522-2	960836	249.00	05/31/2022	INV	PD	#199902 - MAINT TOOL - MA
25538		06/10/2022		0622-2	960910	1,181.56	06/30/2022	INV	PD	#199902-MAINT TOOLS - JUN
25687		07/05/2022		0722-2	960975	339.00	07/31/2022	INV	PD	199902-EQUIP MTNCE - 07/2
25688		07/12/2022		0722-2	960975	189.05	07/31/2022	INV	PD	199902-EQUIP MTNCE - 07/2
25783		07/25/2022		0822-1	961016	298.00	08/15/2022	INV	PD	#199902-MAINT TOOL - JUL
						2,455.61				
1184 MATTHEW STREICHER										
25345		05/11/2022		0522-1	960797	35.00	05/15/2022	INV	PD	IAWA CONFERENCE EXPENSES
25415		05/24/2022		0522-2	960831	10.00	05/31/2022	INV	PD	CSWEA EXPENSE REIMBURSEME
						45.00				
1185 AE2S OPERATIONS, LLC										
25873		08/15/2022		0822-2	961052	4,800.00	08/29/2022	INV	PD	#P130102015000-OPSWORKS S
1194 THE CONSERVATION FOUNDATION										
25900		08/16/2022		0822-2	961041	250.00	08/30/2022	INV	PD	FOUNDATION MEMBERSHIP 202
1200 SAFE APPROACH INC										
25460		05/31/2022		0622-1	960878	13.11	06/15/2022	INV	PD	SAFETY HOOK - MAY 2022
1201 MUNICIPAL BACKFLOW LLC										
25909		08/22/2022		0822-2	961049	675.35	08/30/2022	INV	PD	RPZ BACKFLOW TESTING - AU
25910		08/22/2022		0822-2	961049	126.00	08/30/2022	INV	PD	RPZ BACKFLOW TESTING CSO-
25912		08/22/2022		0822-2	961049	103.90	08/30/2022	INV	PD	RPZ TESTING VVSL-AUG 2022
25911		08/22/2022		0822-2	961049	103.90	08/30/2022	INV	PD	RPZ TESTING-ST CHAS LS-AU
						1,009.15				
1207 1ST AYD CORPORATION										
25723		07/14/2022		0722-2	960953	460.95	07/29/2022	INV	PD	OPERATIONS SUPPLIES - JUL
1211 GMC METALS, INC.										
25419		05/23/2022		0522-2	960833	272.59	05/31/2022	INV	PD	MAINT METAL STOCK - MAY 2
25781		08/02/2022		0822-1	961014	155.14	08/15/2022	INV	PD	MAINT METAL STOCK - AUG 2
						427.73				
1212 RJN GROUP, INC										
25317	20220002	05/04/2022		0522-1	960807	9,649.00	05/15/2022	INV	PD	FLOW MONITORING SERVICES
25438	20220002	05/31/2022		0622-1	960877	9,649.00	06/15/2022	INV	PD	FLOW MONITORING SERVICES
25803	20220002	08/02/2022		0822-1	961024	9,649.00	08/15/2022	INV	PD	FLOW MONITORING SERVICES
25637	20220002	06/27/2022		0722-1	960943	9,649.00	07/15/2022	INV	PD	FLOW MONITORING SERVICES
25333	20220003	05/04/2022		0522-1	960807	5,431.44	05/15/2022	INV	PD	ENGINEERING SERVICES FOR
25459	20220003	06/06/2022		0622-1	960877	20,634.75	06/15/2022	INV	PD	ENGINEERING SERVICES FOR
25636	20220003	07/07/2022		0722-1	960943	14,582.50	07/15/2022	INV	PD	ENGINEERING SERVICES FOR
25699	20220003	07/20/2022		0722-2	960977	358.46	07/29/2022	INV	PD	ENGINEERING SERVICES FOR

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						79,603.15				
1214 IMPACT NETWORKING, LLC										
25308		05/03/2022		0522-1	960793	234.75	05/15/2022	INV	PD	#14156-B-COPIER PAPER - M
1218 COLLEY ELEVATOR CO.										
25289		05/01/2022		0522-1	960781	206.00	05/15/2022	INV	PD	#BE0945-MONTHLY ELEVATOR
25448		06/01/2022		0622-1	960854	206.00	06/15/2022	INV	PD	#BE0945-MONTHLY ELEVATOR
25626		07/01/2022		0722-1	960920	206.00	07/15/2022	INV	PD	#BE094-MONTHLY ELEVATOR S
25796		08/01/2022		0822-1	960992	206.00	08/15/2022	INV	PD	#BE0945-ELEVATOR MONTHLY
						824.00				
1223 CAPITAL ONE NATIONAL ASSN										
25456		06/02/2022		0622-1	960867	49.98	06/15/2022	INV	PD	#535690-SAFETY PURCHASE-J
25777		07/22/2022		0822-1	961013	20.63	08/15/2022	INV	PD	#535690-MAINT TOOLS - JUL
25779		07/26/2022		0822-1	961013	350.83	07/29/2022	INV	PD	#535690-MAITN SUPPLIES -
25780		07/26/2022		0822-1	961013	-50.04	07/29/2022	CRM	PD	#535690-CREDIT FOR RETURN
25778		07/29/2022		0822-1	961013	-1.57	07/29/2022	CRM	PD	TAX REFUND FROM INV#31752
25832		08/09/2022		0822-1	961013	11.48	08/15/2022	INV	PD	#535690-MAINT SUPPLIES -
25837		08/10/2022		0822-1	961013	25.98	08/15/2022	INV	PD	#535690-MAINT SUPPLIES -
25838		08/10/2022		0822-1	961013	3.98	08/15/2022	INV	PD	#535690-MAINT SUPPLIES -
25913		08/23/2022		0822-2	961047	164.85	08/30/2022	INV	PD	#535690-MAINT PAINT SUPPL
						576.12				
1246 FOX MARKETING GROUP										
25439		06/02/2022		0622-1	960848	167.17	06/15/2022	INV	PD	#1535-C.O.S. FORMS - JUN
25745		07/26/2022		0722-2	960955	107.57	07/29/2022	INV	PD	NEW INVOICE COIDING STAMP
25857		08/11/2022		0822-2	961038	146.00	08/29/2022	INV	PD	#1535-BUSINESS CARDS - AU
						420.74				
1248 CONCENTRIC INTEGRATION										
25418		05/23/2022		0522-2	960822	5,776.93	05/31/2022	INV	PD	PROJ#200932.00-IT EXPENSE
25417		05/23/2022		0522-2	960822	524.88	05/31/2022	INV	PD	PROJ #202166.00-T&M SVCS
25505		06/17/2022		0622-2	960898	730.32	06/30/2022	INV	PD	PROJ#202166.00-IT SUPPORT
25751		07/25/2022		0722-2	960960	761.19	07/29/2022	INV	PD	PROJproj#202166.00-IT SUP
						7,793.32				
1250 FREDRIKSEN FIRE EQUIPMENT COMPANY										
25430		05/26/2022		0622-1	960858	215.70	06/15/2022	INV	PD	#GLEW02-REPLACEMENT FIRE
25572		06/22/2022		0722-1	960923	67.50	07/15/2022	INV	PD	GLEW02 - BLDG MTNCE - 07/
25660		07/11/2022		0722-2	960964	172.30	07/31/2022	INV	PD	#GLEW02-EXTINGUISHER SVC
						455.50				
1260 APPLIED INDUSTRIAL TECHNOLOGIES INC										
25338		05/05/2022		0522-1	960779	134.65	05/15/2022	INV	PD	#1251999-MAINT PARTS - MA
25337		05/06/2022		0522-1	960779	153.45	05/15/2022	INV	PD	#1251999-MAINTENANCE PART
25401		05/19/2022		0522-2	960816	70.22	05/31/2022	INV	PD	#1251999-MAINT PARTS - MA
25429		05/24/2022		0622-1	960849	265.56	06/15/2022	INV	PD	#1251999-MAINT PARTS - MA

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DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
25490		06/09/2022		0622-2	960891	516.33	06/15/2022	INV	PD	#1251999-MIANT SUPPLIES -
25754		07/28/2022		0822-1	960985	83.35	08/15/2022	INV	PD	#1251999-MAINT PARTS - JU
						1,223.56				
1264 LAWSON PRODUCTS INC										
25815		08/05/2022		0822-1	961009	140.20	08/15/2022	INV	PD	#10274594-MAINT SUPPLIES
1268 JP MORGAN CHASE NA										
1906934		06/05/2022		0622-2	3269	474.32	06/30/2022	DIR	PD	QC SUPPLY - PARTS
1946642		05/06/2022		0522-2	3244	82.69	05/17/2022	DIR	PD	HOME DEPOT - PARTS
25356		05/06/2022		0522-2	3245	668.82	05/17/2022	DIR	PD	ALL FUSES - PARTS
25357		05/06/2022		0522-2	3246	111.55	05/17/2022	DIR	PD	NORTON - ANTI-VIRUS SOFTW
25358		05/06/2022		0522-2	3247	44.99	05/17/2022	DIR	PD	AMAZON - COMPUTER MOUSE
25359		05/06/2022		0522-2	3248	479.98	05/17/2022	DIR	PD	DNH- SOFTWARE RENEWAL
25360		05/06/2022		0522-2	3249	143.86	05/17/2022	DIR	PD	AMAZON - COMPUTER KEYBOAR
1946643		06/05/2022		0622-2	3270	-6.56	06/30/2022	CRM	PD	NORTON - ANTIVIRUS SALES
1946644		07/05/2022		0722-2	3303	32.28	07/29/2022	DIR	PD	AMAZON - PROTECTIVE CASE
1946645		08/06/2022		0822-2	3325	204.00	08/31/2022	DIR	PD	MICROSOFT - SOFTWARE LICE
25894		08/06/2022		0822-2	3346	117.00	08/31/2022	DIR	PD	TAYST - COFFEE SUPPLIES
1946545		05/06/2022		0522-2	3250	190.30	05/17/2022	DIR	PD	STAPLES - BROCHURE COPIES
25361		05/06/2022		0522-2	3251	25.00	05/17/2022	DIR	PD	CSWEA - SEMINAR REGISTRAT
25362		05/06/2022		0522-2	3252	72.00	05/17/2022	DIR	PD	ILLINOIS AWWA - SEMINAR R
25363		05/06/2022		0522-2	3253	45.98	05/17/2022	DIR	PD	AMAZON - COFFEE SUPPLIES
25364		05/06/2022		0522-2	3254	24.20	05/17/2022	DIR	PD	AMAZON - MICROWAVE PROTEC
25365		05/06/2022		0522-2	3255	166.14	05/17/2022	DIR	PD	DULUTH TRADING - UNIFORM
25366		05/06/2022		0522-2	3256	54.90	05/17/2022	DIR	PD	JEWEL - ICE FOR CLEANING
25367		05/06/2022		0522-2	3257	25.00	05/17/2022	DIR	PD	CSWEA - SEMINAR REG. - KO
25368		05/06/2022		0522-2	3258	-25.00	05/17/2022	CRM	PD	CSWEA - REG FEE REFUND
25369		05/06/2022		0522-2	3259	25.00	05/17/2022	DIR	PD	CSWEA - SEMINAR REG - KOV
25370		05/06/2022		0522-2	3260	77.14	05/17/2022	DIR	PD	AT&T - BACKUP INTERNET
25371		05/06/2022		0522-2	3261	40.00	05/17/2022	DIR	PD	I-PASS - TOLL AUTO RENEWA
25372		05/06/2022		0522-2	3262	644.00	05/17/2022	DIR	PD	HOLIDAY INN - IPSI STAAT
25373		05/06/2022		0522-2	3263	644.00	05/17/2022	DIR	PD	HOLIDAY INN - IPSI - PAKO
25374		05/06/2022		0522-2	3264	82.00	05/17/2022	DIR	PD	TAYST - COFFEE SUPPLIES
25375		05/06/2022		0522-2	3265	109.94	05/17/2022	DIR	PD	TRACTOR SUPPLY - UNIFORM
1946546		06/05/2022		0622-2	3277	-9.77	06/30/2022	CRM	PD	DULUTH TRADING - SALES TA
25544		06/05/2022		0622-2	3278	78.42	06/30/2022	DIR	PD	JEWEL - EMPLOYEE LUNCHEON
25545		06/05/2022		0622-2	3279	7.49	06/30/2022	DIR	PD	JEWEL - EMPLOYEE LUCHEON
25546		06/05/2022		0622-2	3280	128.00	06/30/2022	DIR	PD	CHICAGO TRIB - BI-MONTHLY
25547		06/05/2022		0622-2	3281	110.19	06/30/2022	DIR	PD	AMAZON - MAINT. SUPPLIES
25548		06/05/2022		0622-2	3282	87.57	06/30/2022	DIR	PD	FTD - FLOWERS FOR J. KOVA
25549		06/05/2022		0622-2	3283	25.00	06/30/2022	DIR	PD	IL AWWA - CONFERENCE REGI
25550		06/05/2022		0622-2	3284	86.95	06/30/2022	DIR	PD	AMAZON - WEIGHT ROOM EQPT
25551		06/05/2022		0622-2	3285	56.67	06/30/2022	DIR	PD	AMAZON - COFFEE SUPPLIES
25552		06/05/2022		0622-2	3286	-6.49	06/30/2022	CRM	PD	FTD - SALES TAX REFUND
25553		06/05/2022		0622-2	3287	41.54	06/30/2022	DIR	PD	FACTORY SUPPLY - SAFETY G
25554		06/05/2022		0622-2	3288	30.00	06/30/2022	DIR	PD	PAYPAL - IWEA SEMINAR REG
25555		06/05/2022		0622-2	3289	60.94	06/30/2022	DIR	PD	FRANKLIN PLANNER - CALEND
25556		06/05/2022		0622-2	3290	73.90	06/30/2022	DIR	PD	MYSAFETYSIGN- DO NOT STEP
25557		06/05/2022		0622-2	3291	26.75	06/30/2022	DIR	PD	AMAZON - POWDERED GATORAD
25558		06/05/2022		0622-2	3292	78.53	06/30/2022	DIR	PD	AT&T - BACKUP INTERNET SE
25559		06/05/2022		0622-2	3293	117.00	06/30/2022	DIR	PD	TAYST - COFFEE SUPPLIES
1946547		07/05/2022		0722-2	3304	20.31	07/29/2022	DIR	PD	PETE'S FRESH MKT - EMERGE

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
25704		07/05/2022		0722-2	3305	56.97	07/29/2022	DIR	PD	AMAZON - MISC SUPPLIES
25705		07/05/2022		0722-2	3306	25.89	07/29/2022	DIR	PD	AMAZON - HEAT HYDRATION S
25706		07/05/2022		0722-2	3307	35.98	07/29/2022	DIR	PD	AMAZON - HEAT HYDRATION S
25707		07/05/2022		0722-2	3308	27.98	07/29/2022	DIR	PD	AMAZON - COFFEE SUPPLIES
25708		07/05/2022		0722-2	3309	76.97	07/29/2022	DIR	PD	AMAZON - LADIES LOCKERROO
25709		07/05/2022		0722-2	3310	29.94	07/29/2022	DIR	PD	PETE'S FRESH MARKET - EME
25710		07/05/2022		0722-2	3311	-21.99	07/29/2022	CRM	PD	AMAZON - REFUND FOR RETUR
25711		07/05/2022		0722-2	3312	73.31	07/29/2022	DIR	PD	BED, BATH & BEYOND - LADI
25712		07/05/2022		0722-2	3313	-4.58	07/29/2022	CRM	PD	BETH, BATH & BEYOND - SAL
25713		07/05/2022		0722-2	3314	35.25	07/29/2022	DIR	PD	JEWEL - HOT WEATHER HYDRA
25714		07/05/2022		0722-2	3315	22.99	07/29/2022	DIR	PD	AMAZON - COFFEE SUPPLIES
25715		07/05/2022		0722-2	3316	36.06	07/29/2022	DIR	PD	WEF - SCHOO PRORATED MEME
1946548		08/06/2022		0822-2	3329	26.98	08/31/2022	DIR	PD	AMAZON - HEAT SAFETY DRIN
25717		07/05/2022		0722-2	3318	4.99	07/29/2022	DIR	PD	JEWEL - MORAN RETIREMENT
25718		07/05/2022		0722-2	3319	38.76	07/29/2022	DIR	PD	JEWEL - MORAN RETIREMENT
25719		07/05/2022		0722-2	3320	35.98	07/29/2022	DIR	PD	AMAZON - HEAT HYDRATION S
25720		07/05/2022		0722-2	3321	-35.98	07/29/2022	CRM	PD	AMAZON - HEAT HYDRATION S
25721		07/05/2022		0722-2	3322	78.53	07/29/2022	DIR	PD	AT&T - BACKUP INTERNET
25722		07/05/2022		0722-2	3323	117.00	07/29/2022	DIR	PD	TAYST - COFFEE SUPPLIES
25878		08/06/2022		0822-2	3330	135.00	08/31/2022	DIR	PD	OWPSACSTATE - OPERATOR TR
25879		08/06/2022		0822-2	3331	75.00	08/31/2022	DIR	PD	DULUTH - UNIFORMS
25880		08/06/2022		0822-2	3332	33.98	08/31/2022	DIR	PD	AMAZON - HEAT SAFETY DRIN
25881		08/06/2022		0822-2	3333	423.00	08/31/2022	DIR	PD	PAYPAL - HYRDO UNIVERSITY
25882		08/06/2022		0822-2	3334	128.00	08/31/2022	DIR	PD	CHICAGO TRIBUNE - SUBSCRI
25883		08/06/2022		0822-2	3335	65.23	08/31/2022	DIR	PD	STAPLES - DOOR SIGNS
25884		08/06/2022		0822-2	3336	389.40	08/31/2022	DIR	PD	MICHAELS - CUSTOM FRAMING
25885		08/06/2022		0822-2	3337	- .35	08/31/2022	CRM	PD	PETE'S MARKET - REFUND OF
25886		08/06/2022		0822-2	3338	17.99	08/31/2022	DIR	PD	AMAZON - HEAT SAFETY DRIN
25887		08/06/2022		0822-2	3339	120.00	08/31/2022	DIR	PD	COSTCO - RENEWAL
25888		08/06/2022		0822-2	3340	79.96	08/31/2022	DIR	PD	AMAZON - MEN'S LOCKER ROO
25889		08/06/2022		0822-2	3341	35.98	08/31/2022	DIR	PD	AMAZON - HEAT SAFETY DRIN
25890		08/06/2022		0822-2	3342	75.00	08/31/2022	DIR	PD	MUSAFETY SIGN - SAFETY SI
25891		08/06/2022		0822-2	3343	153.00	08/31/2022	DIR	PD	WATERONE - START UP NEW B
25892		08/06/2022		0822-2	3344	78.53	08/31/2022	DIR	PD	AT&T - BACKUP INTERNET
25893		08/06/2022		0822-2	3345	40.00	08/31/2022	DIR	PD	IPASS - TOLL RENEWAL
25716		07/05/2022		0722-2	3317	30.00	07/29/2022	DIR	PD	IWEA/PAYPAL - CONFERENCE
25354		05/06/2022		0522-2	3243	644.00	05/17/2022	DIR	PD	HOLIDAY INN - IPSI CONFER
253551		06/05/2022		0622-2	3294	72.00	06/30/2022	DIR	PD	ILLINOIS AWWA - SEMINAR R
25560		06/05/2022		0622-2	3295	73.96	06/30/2022	DIR	PD	TRACTOR SUPPLY - UNIFORM
25561		06/05/2022		0622-2	3296	126.94	06/30/2022	DIR	PD	TRACTOR SUPPLY - UNIFORM
25562		06/05/2022		0622-2	3297	10.00	06/30/2022	DIR	PD	CIRCLE K - VEHICLE WASH
253552		07/05/2022		0722-2	3301	500.00	07/29/2022	DIR	PD	ALL PURPOSE SAFETY TRAINI
25703		07/05/2022		0722-2	3302	209.00	07/29/2022	DIR	PD	ROSATI'S PIZZA - STAFF ME
253553		08/06/2022		0822-2	3326	24.95	08/31/2022	DIR	PD	PETE'S FRESH MARKET - BOT
25877		08/06/2022		0822-2	3327	565.00	08/31/2022	DIR	PD	COLLEGE OF DUPAGE - LUBBE
25542		06/05/2022		0622-2	3275	65.05	06/30/2022	DIR	PD	BP- IAWA CONFERENCE - STR
25543		06/05/2022		0622-2	3276	57.16	06/30/2022	DIR	PD	MOBIL - IAWA CONF - STREI
1946742		07/05/2022		0722-2	3299	60.00	07/29/2022	DIR	PD	CSWEA - COLLECTION SYSTEM
25702		07/05/2022		0722-2	3300	12.74	07/29/2022	DIR	PD	ZOOM - SUBSCRIPTION
1946743		08/06/2022		0822-2	3328	12.74	08/31/2022	DIR	PD	ZOOM - SUBSCRIPTION
1946740		05/06/2022		0522-2	3235	25.00	05/17/2022	DIR	PD	CSWEA - SEMINAR REGISTRAT
25347		05/06/2022		0522-2	3236	175.00	05/17/2022	DIR	PD	ANSI - EDUCATIONAL MATERI
25348		05/06/2022		0522-2	3237	225.00	05/17/2022	DIR	PD	CSWEA - CONFERENCE REGIST
25349		05/06/2022		0522-2	3238	12.74	05/17/2022	DIR	PD	ZOOM - VIRTUAL MTGS SERVI
25350		05/06/2022		0522-2	3239	25.00	05/17/2022	DIR	PD	HILTON HOTELS - PARKING F

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
25351		05/06/2022		0522-2	3240	212.52	05/17/2022	DIR	PD	HILTON HOTELS - HOTEL ROO
25352		05/06/2022		0522-2	3241	5.00	05/17/2022	DIR	PD	HILTON - PARKING FEE
25353		05/06/2022		0522-2	3242	51.99	05/17/2022	DIR	PD	CITGO - FUEL TO TRAVEL FR
25399		05/06/2022		0522-2	3266	10.55	05/17/2022	DIR	PD	HILTON HOTELS- CONFER. RE
1946741		06/05/2022		0622-2	3271	524.78	06/30/2022	DIR	PD	CSWEA - ANNUAL CONFERENCE
25539		06/05/2022		0622-2	3272	12.74	06/30/2022	DIR	PD	ZOOM - VIRTUAL MEETINGS S
25540		06/05/2022		0622-2	3273	118.56	06/30/2022	DIR	PD	WYNDHAM - IAWA CONF. - ST
25541		06/05/2022		0622-2	3274	472.75	06/30/2022	DIR	PD	HILTON - CSWEA ANNUAL CON
						12,412.45				
1271 SYNAGRO-WWT										
25346		05/01/2022		0522-2	960842	13,440.00	05/15/2022	INV	PD	#3430-BIOSOLIDS HAULING -
25485		06/06/2022		0622-1	960882	16,665.60	06/15/2022	INV	PD	#3430-SLUDGE HAULING - MA
25693		07/01/2022		0822-1	961029	23,654.40	07/31/2022	INV	PD	3430- SLUDGE DISPOSAL - 0
						53,760.00				
1278 TYCO FIRE & SECURITY (US) MANAGEMENT, INC.										
25664		07/09/2022		0722-2	960968	164.31	07/31/2022	INV	PD	#1300133259417-ALARM SVCS
25665		07/09/2022		0722-2	960968	138.00	07/31/2022	INV	PD	#1300133268280-GWA ALARM
						302.31				
1290 AST CONSULTING INC.										
25727		07/21/2022		0722-2	960962	640.00	07/29/2022	INV	PD	GWA CSW TRAINING - JUL 20
1294 ASHLEY STAAT										
25416		05/23/2022		0522-2	960817	60.00	05/31/2022	INV	PD	IPSI EXPENSE REIMBURSEMEN
1296 ADVANCED WEIGHING SYSTEMS INC										
25287		05/03/2022		0522-1	960777	245.00	05/15/2022	INV	PD	ANNAULLAB SCALES CALIBRAT
1307 CONSERV FS INC										
25382		05/09/2022		0522-2	960823	281.40	05/31/2022	INV	PD	#809450-MAINT SUPPLIES -
25856		08/10/2022		0822-1	960995	2,364.00	08/15/2022	INV	PD	#809450-MAINT SUPPLIES -
25898		08/18/2022		0822-2	961040	285.60	08/30/2022	INV	PD	#809450-MAINT SUPPLIES -
25899		08/18/2022		0822-2	961040	2,474.40	08/30/2022	INV	PD	#809450-CHP OIL- AUG 2022
						5,405.40				
1317 VEOLIA WATER TECHNOLOGIES, INC.										
25825		08/03/2022		0822-1	961008	1,652.67	08/15/2022	INV	PD	#1069008-ELECTRICAL PART
25770		07/08/2022		0822-1	961008	1,642.86	08/15/2022	INV	PD	#1069008-ELECTRICAL PARTS
						3,295.53				
1326 BRIAN SIMPSON										
25396		05/12/2022		0522-2	960818	60.00	05/31/2022	INV	PD	IPSI REIMBURSEMENT - APR
1333 LOGSDON STATIONERS, INC										

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
25519		06/09/2022		0622-2	960905	35.26	06/30/2022	INV	PD	#135872-01-OFFICE SUPPLIE
1335 U.S. PEROXIDE, LLC										
25694		07/14/2022		0822-1	961034	12,692.84	07/31/2022	INV	PD	UC500694.001-CHEMICALS -
1339 ARBORWEAR, LLC										
25474		06/07/2022		0622-1	960850	-194.00	06/15/2022	CRM	PD	CREDIT FOR INCORRECT LOGO
25473		05/31/2022		0622-1	960850	682.39	06/15/2022	INV	PD	SPRING/SUMMER UNIFORM ITE
						488.39				
1340 PETRARCA, GLEASON, BOYLE & IZZO LLC										
25343		05/10/2022		0522-1	960803	1,656.00	05/15/2022	INV	PD	#G2700-LEGAL SVCS APR 202
25484		06/09/2022		0622-1	960873	253.00	06/15/2022	INV	PD	#G5700-0-LEGAL SVCS - GEN
25689		07/12/2022		0722-2	960976	23.00	07/31/2022	INV	PD	G2700-LEGAL FEES - 07/22
						1,932.00				
1344 VEGA BUILDING MAINTENANCE & SUPPLIES INC										
25325	20220001	05/02/2022		0522-1	960813	1,148.00	05/15/2022	INV	PD	JANITORIAL SERVICES
25467	20220001	06/01/2022		0622-1	960887	1,148.00	06/15/2022	INV	PD	JANITORIAL SERVICES
25645	20220001	07/01/2022		0722-1	960951	1,148.00	07/15/2022	INV	PD	JANITORIAL SERVICES
25791	20220001	08/01/2022		0822-1	961035	1,148.00	08/15/2022	INV	PD	JANITORIAL SERVICES
						4,592.00				
1346 SEBERT LANDSCAPING										
25463	20220006	05/01/2022		0622-1	960879	3,299.00	06/15/2022	INV	PD	LANDSCAPE MAINTENANCE
25462	20220006	06/01/2022		0622-1	960879	3,299.00	06/15/2022	INV	PD	LANDSCAPE MAINTENANCE
25744	20220006	07/01/2022		0822-1	961025	3,299.00	07/29/2022	INV	PD	LANDSCAPE MAINTENANCE
25916	20220006	08/01/2022		0822-2	961055	3,299.00	08/30/2022	INV	PD	LANDSCAPE MAINTENANCE
						13,196.00				
1348 GLEN ELLYN POLICE DEPARTMENT										
25328		05/02/2022		0522-1	960784	50.00	05/15/2022	INV	PD	#9289-FALSE ALARM CALL OU
25526		06/05/2022		0622-2	960900	150.00	06/30/2022	INV	PD	#9289-FALSE ALARMS FEES-
						200.00				
1349 CAROLLO ENGINEERS, INC										
25380		05/13/2022		0522-2	960820	5,682.08	05/31/2022	INV	PD	PROJ #11983A00-UV SYSTEM
25504		06/14/2022		0622-2	960895	2,332.42	06/30/2022	INV	PD	PROJ #11983A00-UV SYSTEM
25655		07/14/2022		0722-2	960957	4,521.00	07/31/2022	INV	PD	PROJ #11983A00-UV STUDY S
25827		08/10/2022		0822-1	960989	2,055.00	08/15/2022	INV	PD	PROJ#11983A00-UV SYSTEM E
						14,590.50				
1350 BROADWAY ELECTRIC, INC.										
25402	20200016	04/30/2022		0522-2	960819	24,190.00	05/31/2022	INV	PD	ELECTRICAL POWER DISTRIBU
25503	20200016	06/30/2022		0622-2	960893	105,749.65	06/30/2022	INV	PD	ELECTRICAL POWER DISTRIBU

VENDOR INVOICE LIST

DOCUMENT	P.O.	INV DATE	VOUCHER	WARRANT	CHECK #	INVOICE NET	DUE DATE	TYPE	STS	INVOICE DESCRIPTION
						129,939.65				
1353 INDEPENDENT MECHANICAL INDUSTRIES, INC.										
25536	20210009	03/31/2022		0622-2	960903	561,906.22	06/30/2022	INV	PD	BIOSOLIDS DEWATERING IMPR
1361 CMMS DATA GROUP, INC.										
25625		07/01/2022		0722-1	960919	21,600.00	07/15/2022	INV	PD	MVP SOFTWARE LICENSE RENE
1364 B&B NETWORKS, INC.										
25497		06/07/2022		0622-1	960851	160.00	06/15/2022	INV	PD	TELEPHONE SYSTEM SUPPORT
25502		06/21/2022		0622-2	960892	1,107.44	06/30/2022	INV	PD	TELEPHONE SYSTEM SUPPORT
25794		08/02/2022		0822-1	960986	536.41	08/15/2022	INV	PD	#28757-PHONE SYSTEM SUPPO
						1,803.85				
1365 SUBURBAN DRIVELINE INC.										
25638		07/01/2022		0722-1	960946	40.00	07/15/2022	INV	PD	SAFETY LANE INSPECTION #6
25639		07/01/2022		0722-1	960946	40.00	07/15/2022	INV	PD	SAFETY LANE INSPECTION #6
25875		08/16/2022		0822-2	961057	40.00	08/29/2022	INV	PD	ANNUAL SAFETY LANE INSP #
						120.00				
1372 PEERLESS NETWORK, INC.										
25342		05/15/2022		0522-1	960802	1,085.11	05/15/2022	INV	PD	#1209792-PHONE SVC MAY/JU
25500		06/15/2022		0622-1	960872	1,004.53	06/15/2022	INV	PD	#1209792-PHONE USAGE JUN/
25652		07/15/2022		0722-1	960940	883.73	07/15/2022	INV	PD	#1209792-PHONE SVC - JUL/
25840		08/15/2022		0822-1	961018	773.30	08/15/2022	INV	PD	#1209792-PHONE SVCS - AUG
						3,746.67				
1380 NOLAN BOILER & TANK SERVICES INC										
25499		05/27/2022		0622-2	960909	2,092.00	06/15/2022	INV	PD	BOILER REPAIR - MAY 2022
						2,092.00				
604 INVOICES						2,458,495.29				

** END OF REPORT - Generated by Colette Ameche **

SECTION 6.3

RATIFICATION OF JULY 26, 2022 PHONE POLL ITEM

GLENBARD WASTEWATER AUTHORITY
Executive Oversight Committee
Phone Poll
August 3, 2022
9:00 a.m.

1. Siloxane Removal Media Replacement

The Operations Department is requesting approval for a purchase of UNI-CL2V Media for use in our four Unison Solutions siloxane removal tanks. The reason for the needed media replacement is that the gas conditioning skid gas samples and the engine oil samples are starting to see breakthrough of the corrosive siloxane component. The (Total Base Number) TBN of the oil has decreased and the main justification is the siloxanes exponentially decrease the base life of the oil. This causes us to reduce runtime hours between oil changes to protect the engine from failure as the oil breaks down more quickly.

Since the material itself is not unique or proprietary in nature, multiple quotes were sought after, however, no other parties elected to provide pricing as the entire Unison gas scrubbing system is designed using their own product. Therefore, it is also being requested to waive competitive bidding under Section C.1.f of the Village of Glen Ellyn's Purchasing Policy, which states; "Standardization Purchases, as defined as technical in nature of certain items or services may result in the standardization of a particular supplier's specifications being necessary or desirable to Village operations. Competitive bidding may be waived if the Village requires compatibility with existing software, machinery or other existing equipment."

This material does not have a shelf life, and factoring in potential shipping delays and sufficient available funding, it will be beneficial to purchase 2 replacement mediate sets and store the backup set onsite.

It is being requested that the EOC authorize the Authority to purchase the replacement media from Unison Solutions for \$57,068.00 to be invoiced to Capital Account Fund 40-580150.

MEMORANDUM

TO: Matt Streicher, Executive Director

FROM: Andrew Pakosta

DATE: August 3, 2022

RE: CHP Media



The Operations Department performed a cost comparison for current pricing on media for our Bio-fuel engines. I have found it increasingly difficult to find companies that will give us a quote considering we have used the same media since the inception of our CHP system.

Company	Cost for Media
Clean Methane Systems	Not responding
Unison Solutions	\$57,068.00
Cabot	Not responding

As there is no specific date when the existing media will reach its useful life, GWA staff is performing in-house testing and monthly gas testing. These tests allow us to maximize the media's useable life expectancy. Considering the media does not have a shelf life and factoring in potential shipping delays, I believe it will be beneficial to purchase 2 replacement media sets and store the backup set onsite.

In the 2022 GWA Budget, section "Plant Equipment Rehabilitation 40-580150", \$100,000 was allocated for the purchase of this type of media. Currently, there is \$75,502.00 in this account, if the EOC approves this purchase, we would have a remainder of \$18,434.00. This quote reflects a "Do Not Exceed" shipping cost, but due to the instability in the shipping industry this number may vary.

It is being requested that the EOC authorize the Authority to purchase the replacement media from Unison Solutions for \$57,068.00 to be invoiced to Capital Account Fund 40-580150.

EXECUTIVE OVERSIGHT COMMITTEE PHONE POLL
August 3, 2022

Agenda Item 1

COMMITTEE MEMBER	CONTACT INFORMATION	APPROVE
Trustee Bachner	bachnerb@villageoflombard.org	Aye
Trustee Christiansen	TrusteeChristiansen@glenellyn.org	
President Giagnorio	giagnoriok@villageoflombard.org	
President Senak	PresidentSenak@glenellyn.org	
Manager Franz	mfranz@glenellyn.org	Aye
Manager Niehaus	niehaus@villageoflombard.org	Aye
Director Buckley	dbuckley@glenellyn.org	Aye
Director Goldsmith	goldsmithc@villageoflombard.org	Aye

Approvals:

_____ Yes _____ 0 _____ No _____ N/A

SECTION 6.4

NOTIFICATION OF OPEN PURCHASE ORDER FOR CONTRACT LABORATORY SERVICES

MEMORANDUM

TO: Executive Oversight Committee

FROM: Andy Pakosta, Operations Superintendent
Through Matt Streicher, Executive Director

DATE: September 8, 2022

RE: Notification of open Purchase Order
for Contract Laboratory Services



The Authority's existing provider for contract lab services, Suburban Laboratories, has recently increased their pricing – and in addition, they have had a number of issues with recent data, which has caused the Authority to have less faith in their ability to complete accurate laboratory analysis.

Due to the nature of the work, the Authority is only aware of two providers of these types of services locally, as many of the samples sent out have short hold times and cannot be transported for longer durations. Dave Peters received a quote from First Environmental Laboratories in Naperville, and compared the quote what the Authority is currently paying to Suburban for the same analytical services. It is estimated by switching to First Environmental, the Authority can save approximately \$1,500 a year, or more depending on the number of samples needing to be sent out. The Authority will also hopefully receive higher quality analytical services on our laboratory data.

These services are based on unit costs, as with many of the samples are sent out, the number of samples are all dependent on flows/conditions at the plant and other circumstances.

Although the EOC had approved to use Suburban Laboratories at the beginning of the year, as seen in the quote, the anticipated annual cost of these services does not exceed the \$25k amount required for EOC approval – therefore, the request for approval was sent to Manager Franz, and it was approved July 26, 2022.

There is \$27,500 in the CY2022 budget for Professional Laboratory Services, to date through June just under \$17k has been spent; however, there was an increased amount of testing performed the first half of the year due to unforeseen circumstances, and it is not expected to exceed \$25k in the calendar year at the moment as more of a routine sampling schedule has returned.

<i>Laboratory</i>	<i>Estimated Price for One Calendar Year of Service</i>
Suburban Labs	\$18,778.80
First Environmental Labs	\$17,296.20

SECTION 6.5

DECLARATION OF SURPLUS

MEMORANDUM

TO: Executive Oversight Committee

FROM: Matt Streicher, P.E. BCEE, Executive Director

DATE: September 8, 2022

RE: Declaration of Surplus



At the March 11, 2021 Executive Oversight Committee meeting, the EOC approved the purchase of a new forklift. Traditionally, the Authority has owned two forklifts; one for the main plant for general use, and one for the CSO plant with the sole use of moving grit dumpsters. After the purchase, the Authority no longer had a use for its oldest forklift located the CSO plant, and requested it be declared surplus. The EOC approved the resolution declaring it surplus in June 2021, and the existing forklift that was replaced at the main plant was moved to the CSO plant.

Since that time, the Operations Department has acquired new grit dumpsters at the CSO plant, and has realized an agreement was already in place with the Authority's waste hauler for the dumpsters to be emptied by the hauler. Therefore, the Authority no longer has a use for the old forklift located at the CSO plant. In addition, the Authority has recently purchased a trailer that is capable of transporting the Authority's new forklift, or any other larger equipment that may be needed, to the CSO plant. Based on this information, some revenue can be generated by auctioning off the old forklift, as well as cost savings due to less equipment in the Authority's fleet.

While preparing the resolution for declaration of surplus, it was decided to include other salvaged or end-of-life pieces of equipment as well. Four items had previously been declared surplus by the EOC, but not formally through a resolution. In June of 2021, the Authority's legal counsel recommended instituting a policy to pass resolutions declaring equipment surplus, rather than the prior method of simply approving it as an agenda item. Therefore, these additional pieces of equipment are being added to the resolution so they can be sold, and properly accounted for in the audit process.

The additional 4 pieces of equipment that were previously classified as surplus via agenda item consists of two blowers and two compressors that were salvaged in 2018 during the upgrade of the sand filters to the disc filters. They serve no use to the Authority any longer, and have been consuming valuable storage space since being taken out of commission.

In addition, the Authority is also requesting to classify a collection of spare parts inventory for electrical equipment (see attached Exhibit A) as surplus. These Programmable Logic Controllers and fiber optic converters served the Authority well since being installed in the late nineties, but became too expensive to maintain or repair due to their age, and were recently replaced as a part of the ongoing campus wide PLC replacement capital project.

Therefore, enclosed with this memo, is the formal resolution auctioning off Forklift Unit 632, two (x2) Spencer Series 4000 Blower Units, two (x2) Quincy Air Compressor Units, and a list of spare parts inventory for electrical equipment (see Exhibit A) for approval. The Authority respectfully requests that the EOC motion to approve Resolution No. 2022-001, a resolution authorizing the sale of equipment – Forklift Unit 632, two (x2) Spencer Series 4000 Blower Units, two (x2) Quincy Air Compressor Units, and the electrical equipment listed in the enclosed Exhibit A.

**GLENBARD WASTEWATER AUTHORITY
Executive Oversight Committee**

RESOLUTION NO. 2022-001

**A resolution authorizing the
sale of equipment --
Forklift Unit 632, Spencer Series 4000 Blower Units (x2),
Quincy Air Compressor Units (x2), and various Electrical Equipment (see Exhibit A)**

WHEREAS, the Executive Director has made a recommendation for the disposal of a certain item of equipment owned by the Authority, specifically, Unit 632, a 2006 Daewoo Forklift (“Equipment”), two (x2) Spencer Series 4000 Blower Units, two (x2) Quincy Air Compressor Units, and various pieces of electrical equipment as listed in the enclosed Exhibit A;

WHEREAS, pursuant to the Intergovernmental Agreement between the Villages of Glen Ellyn and Lombard in Regard to the Glenbard Wastewater Authority, as amended and restated April 17, 2014 (“IGA”), Section II.C.v, this Committee may authorize the sale of equipment of the Authority which it determines to be obsolete and no longer necessary for the operations of the Authority;

NOW, THEREFORE, Be It Resolved by the Executive Oversight Committee of the Glenbard Wastewater Authority, DuPage County, Illinois, as follows:

Section 1. The recitals above are incorporated herein as findings of the Committee.

Section 2. It is hereby determined that the Equipment, as identified above, is obsolete and no longer necessary for the operation of the Authority.

Section 3. The Executive Director is hereby directed to conduct a public auction for the Equipment. If said auction does not result in an acceptable bid, the Executive Director is authorized to donate any unsold items of surplus property to any charitable cause, with preference given to those charities located, or having a presence, in the service area of the Authority. In the event no charitable cause can be found for such purposes, the Executive

Director may give the surplus property to any non-profit organization or, at his option, have the items disposed of.

Section 4. The proceeds of the sale shall be deposited into the Capital Fund of the Authority.

Section 5. All resolutions or orders of the Authority, or parts thereof, in conflict with the provisions of this Resolution are, to the extend of such conflict, hereby repealed.

Section 6. This Resolution shall take effect forthwith upon its approval.

PASSED this 8th day of September 2022, by the following vote:

AYES: _____

NAYS: _____

ABSTAIN: _____

ABSENT: _____

APPROVED this _____ day of _____, 2022.

**EXECUTIVE OVERSIGHT COMMITTEE OF
GLENBARD WASTEWATER AUTHORITY,
DU PAGE COUNTY, ILLINOIS**

By: _____
Presiding Officer

Attest: _____
Secretary

STATE OF ILLINOIS)
) SS
COUNTY OF DU PAGE)

CERTIFICATION

I, the undersigned, do hereby certify that I am the duly qualified and acting Secretary of the Executive Oversight Committee of the Glenbard Wastewater Authority, DuPage County, Illinois, and that as such official I am the keeper of the records and files of the Board.

I do further certify that the foregoing is a full, true, and complete copy of the resolution adopted by the Committee at a meeting of the Committee held on the 8th day of September, 2022.

I do further certify that the deliberations of the Committee on the adoption of said resolution were conducted openly, that the vote on the adoption of said resolution was taken openly, that said meeting was duly given to all newspapers, radio or television stations and other news media requesting such notice, that said meeting was called and held in strict compliance with the provisions of the Open Meetings Act of the State of Illinois, as amended, and that the Committee has complied with all of the provisions of said Act and with all of the procedural rules of the Authority and the Committee in the conduct of said meeting.

IN WITNESS WHEREOF, I hereunto affix my official signature this ____ day of _____, 20__.

Secretary, Executive Oversight Committee

EXHIBIT A

ELECTRONIC EQUIPMENT SURPLUS INVENTORY LIST

QTY	ITEM		QTY	ITEM		QTY	ITEM
11	ALLEN BRADLEY 1746-N2		3	ALLEN BRADLEY 1746-OW16		1	ALLEN BRADLEY 1747-L524
2	ALLEN BRADLEY 1746-P2		7	ALLEN BRADLEY 1746-SCINI4I		1	ALLEN BRADLEY 1747-L541
2	ALLEN BRADLEY 1746-A13		2	ALLEN BRADLEY 1746-OW8		1	ALLEN BRADLEY 1747-PIC
1	ALLEN BRADLEY 1746-A7		8	ALLEN BRADLEY 1746-OX8		1	ALLEN BRADLEY 1756-A4 WITH:
1	ALLEN BRADLEY 1746-A4		1	ALLEN BRADLEY 1747-ASB			1: 1756-PA72
3	PHOENIX DIGITAL OCM-DPR-85-P-D-ST		1	ALLEN BRADLEY 1747-KE			1: 1756-ENBT
1	ALLEN BRADLEY 1746-NI8		2	ALLEN BRADLEY 1747-LS42			1: 1756-DHRIO
1	ALLEN BRADLEY 1746-OB16		1	ALLEN BRADLEY 1746-OW16		2	ALLEN BRADLEY 1746-N14
2	ALLEN BRADLEY 1746-IB16		2	ALLEN BRADLEY 1761-NET-AIC		1	ALLEN BRADLEY 1746-NO4I
2	ALLEN BRADLEY 1746-P2		2	ALLEN BRADLEY 1747-L532		1	ALLEN BRADLEY 1746-NO4I
6	ALLEN BRADLEY 1747-AIC		1	ALLEN BRADLEY 1747-SN			
2	ALLEN BRADLEY 1746-NIO4I		2	ALLEN BRADLEY 1746-NI4			

SECTION 6.7

ELECTRIC GRID PROJECT CHANGE ORDER #002

MEMORANDUM

TO: Executive Oversight Committee

FROM: Matt Streicher P.E., BCEE

DATE: September 8, 2022

RE: Request for Authorization to Approve Change Order Number 002 for the Electrical Service Distribution System Rehabilitation Project and Upgrades



Throughout the course of the 2020 Electrical Service Distribution System Rehabilitation and Upgrades project, the contractor and their subcontractors submitted numerous requests for change orders due to material price escalations. The underlying reason for the material price increases is due to the large amount of inflation that has occurred in materials since this project was originally bid in February 2020, just prior to the pandemic. The Authority has continually rejected the requests due to contract language that states the material prices are at the risk of the contractor, except in rare circumstances, which the pandemic did not fit under. However, after numerous rejections, the contractor formally filed a claim, of which the Authority again rejected.

In March 2022, the Authority received a letter from the contractor's legal representation stating reasons they felt the material price escalation claims were per contract, and requested to meet with the Authority. The Authority, its legal representation, the contractor, and their legal representation met in April 2022 and discussed these matters. Essentially, the contractor was threatening litigation, as they felt there are allowances in the contract to allow for such price increases.

After consulting with the Authority's legal representation, although it was felt that litigation would not have been in the contractor's favor if it made it to court, for a number of reasons it was agreed to settle with the contractor. However, the settlement would only meet the contractor half way on what was being requested. Some benefits to agree on a settlement as opposed to litigation are to avoid legal fees in litigation, avoid the possibility of the contractor pulling off the job prior to completion and the Authority having to pull performance bonds, avoid excessive use of staff time for litigation purposes, and to continue the Authority's positive reputation in the industry (in order to continue receiving good, competitive bids on future projects).

Therefore, the original requested price escalation from the contractor of \$172,641.00 was negotiated down to the releasing of the remaining \$13,141 in cash allowances that were not used in the project but approved by the EOC, and accept a change order increasing the overall contract cost by \$74,859 – totaling \$88,000.

It is requested that the EOC authorize the Authority to approve the Change Order Number 2 increasing the overall contract cost by \$74,859, for a total contract amount of \$4,832,859.

August 18, 2022

CHANGE ORDER NO. 002

PROJECT: 2020 Electrical Service Distribution System Rehabilitation and Upgrades
OWNER: Glenbard Wastewater Authority
CONTRACT: 1-2020
CONTRACTOR: Broadway Electric, Inc.

Description of Change

2a	Various approved changes as detailed below:	ADD	\$74,859.00
	<ul style="list-style-type: none">• Deduct for change of 40 90-degree conduit elbows within concrete duct banks from PVC-coated rigid to PVC.• Add 2 handholes at low spots in the 480V power supply circuit service routes for the Grit Building MCC-C.• Add testing of existing cables serving MSC-GA, MSC-GB, MCC-JA, and MCC- JB100.• Add repairs to existing Potable Water lines in four locations.• Add removal of abandoned underground 36” storm sewer at Building Q driveway entrance.• Deduct material supply of nine SMU-20 fuses which are instead furnished by GWA.• Add miscellaneous materials and services associated with the power monitors in Building P, SCADA monitoring of electrical distribution system transformer alarms, and spare conduit stub-outs at pad-mounted switchgear PMS-E3 and PMS-W3.• Deduct for Engineer’s review of Calbond PVC-coated rigid conduit as an equal product.• Add replacement of MCC-Q main breaker lugs to accommodate installed cabling.• Add relocation of ductbank to accommodate ComEd’s replacement of their service pole in a new location.• Add guard rail for additional protection of transformers T-6 and T-6.• Add material escalation for wire, cable, and conduit as negotiated with Owner.		

TOTAL VALUE OF THIS CHANGE ORDER:	ADD	\$74,859.00
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Contract Price Adjustment

Original Contract Price	\$4,758,000.00
Previous Change Order Adjustments	\$0.00
Adjustment in Contract Price this Change Order	\$74,859.00
Current Contract Price including this Change Order	\$4,832,859.00

Contract Milestone 1 Completion Date Adjustment

Original Milestone 1 Completion Date	November 18, 2020
Contract Milestone 1 Completion Date Adjustments due to previous Change Orders	100 days
Contract Milestone 1 Completion Date Adjustments due to this Change Order	0 days
Current Milestone 1 Completion Dates including all Change Orders	February 26, 2021

Contract Milestone 2 Completion Date Adjustment

Original Milestone 2 Completion Date	May 3, 2021
Contract Milestone 2 Completion Date Adjustments due to previous Change Orders	100 days
Contract Milestone 2 Completion Date Adjustments due to this Change Order	0 days
Current Milestone 2 Completion Dates including all Change Orders	August 11, 2021

Contract Substantial Completion Date Adjustment

Original Contract Substantial Completion Date	May 8, 2021
Contract Substantial Completion Date Adjustments due to previous Change Orders	100 days
Contract Substantial Completion Date Adjustments due to this Change Order	219 days
Current Substantial Contract Completion Dates including all Change Orders	March 23, 2022

Contract Final Completion Date Adjustment

Original Contract Final Completion Date	June 19, 2021
Contract Final Completion Date Adjustments due to previous Change Orders	100 days
Contract Final Completion Date Adjustments due to this Change Order	338 days
Current Final Contract Completion Dates including all Change Orders	August 31, 2022

This document shall become a supplement to the Contract and all provisions will apply hereto.

Glenbard Wastewater Authority–Broadway Electric, Inc.
Contract 2-2020, Change Order No. 002
Page 3
August 18, 2022

RECOMMENDED

_____ ENGINEER–Strand Associates, Inc.®	_____ Date
--	---------------

APPROVED

_____ CONTRACTOR–Broadway Electric, Inc.	_____ Date
---	---------------

APPROVED

_____ OWNER–Glenbard Wastewater Authority	_____ Date
--	---------------

SECTION 7.0

AUTHORIZATION
APPROVAL -

INTERCEPTOR
REHABILITATION
PROPOSAL

MEMORANDUM

TO: Executive Oversight Committee

FROM: Matt Streicher, P.E. BCEE

DATE: September 8, 2022

RE: Request for Approval

Engineering Services pertaining to the 2023-2024 Collection System Rehabilitation Program



In October 2021 Authority staff developed and sent out a request for qualifications and technical proposals to our six shortlisted professional consulting firms for Preliminary Design Engineering Services pertaining to the 2022-2024 Collection System Rehabilitation Program. The Glenbard Wastewater Authority owns, operates, and maintains approximately 6 miles of interceptor sewer, ranging from 18" diameter to 66" diameter, a small length (2000') of 8" collector sewer, and over 90 manholes. The majority of the collection system was constructed in the late 1970's after the formation of the Authority through an Intergovernmental Agreement between the Villages of Glen Ellyn and Lombard, and is mostly prestressed concrete cylinder pipe (PCCP). The Authorities collection system has had little in ways of rehabilitation performed on it since being put into service, however, it has been routinely inspected.

The intent of the request for proposals was to retain a professional firm in order to provide further analysis and interpretation of Red Zone Robotic and RJN Group Inspections and Reports, develop a 3-year capital rehabilitation program for the Authority's collection system based off the greatest needs, as well as any cost-effective approaches, prepare bidding documents and assist in the bidding process, and provide part-time construction engineering services. The scope of work was anticipated to take place over the calendar year budgets of 2022-2024 where the Authority has approximately \$350,000 budgeted each year for the construction costs of these specific capital rehabilitations. The Authority received three sets of qualifications and technical proposals in response to the RFP that was sent out, at which point staff performed an initial review, and narrowed it down to the RJN Group being the most qualified. This selection process was discussed with the TAC and all were in agreement with the selected firm.

As a result, RJN developed a two phased approach to rehabilitate mostly sections of the North Regional Interceptor, and associated manholes, that have seen significant degradation downstream of the St. Charles Road Lift Station force main. While sewage travels through force mains, the oxygen in the water tends to be depleted, leading to increased generation of hydrogen sulfide gases at the discharge of the force main. Those gases are corrosive in nature, and without corrective actions, the pipe segments identified are prone to structural issues. The method of construction proposed is all trenchless construction, with manholes being lined with a spray-on

material, and pipes are lined with an Ultra-Violet Cured Glass Reinforced Pipe Liner. This trenchless technique is a modified version of the traditional cured in place pipe (CIPP) technique that utilizes fiber glass reinforced lining material and UV light technology to cure the liner. The liner is also “encapsulated”, and no water is used in the curing process, avoiding the issue of styrene leachate. This liner is thinner and stronger than the traditional CIPP.

The project was recommended to be completed in two phases instead of three due to economy of scale when bidding out the project. Although it is expected that the construction cost will exceed the anticipated \$350,000 for the second phase of the project, since there will no longer be a third phase, the \$350,000 budgeted for the third phase will be accounted for in the second phase.

The primary goal of the submitted proposal is to design, bid, and oversee rehabilitation of the NRI Interceptor from late 2022 through 2024. The two phased approach will require multiple years of design, bidding, and construction. This proposal includes the following:

1. Phase 1 Final design plans and specs (late 2022)
2. Phase 1 bidding assistance (late 2022/early 2023)
3. Phase 1 construction management (mid 2023)
4. Phase 2 Final design plans and specs of Phase 2 (late 2023)
5. Phase 2 bidding assistance (late 2023/early 2024)
6. Phase 2 construction management (mid 2024)

Following the completion of this project, GWA will have the high priority rehabilitation of their interceptor system completed. This project will be invoiced on a lump sum, percent complete basis for a total not-to-exceed fee of \$155,000. The project will have milestones in 2022, 2023, and 2024, with completion of rehabilitation construction in 2024. GWA will budget appropriately in future years for this contract, and if funds no longer become available, the contract will simply be terminated.

Therefore, it is recommended the EOC authorize the Authority to award RJN Group, Inc. the Design Engineering Services pertaining to the 2022-2024 Collection System Rehabilitation Program in an amount not to exceed **\$155,000.00**. This amount will be taken out of the designated amount in CY2022 Approved Budget, Fund 40-580150 Capital Plant Equipment Rehabilitation, and future years budgets as appropriated.



7/25/2022

Mr. Matt Streicher, PE, BCEE
Executive Director
Glenbard Wastewater Authority
945 Bemis Rd
Glen Ellyn, IL, 60137

**SUBJECT: PROPOSAL FOR PROFESSIONAL ENGINEERING SERVICES FOR THE
NRI INTERCEPTOR REHABILITATION DESIGN, BIDDING, AND
CONSTRUCTION**

Dear Mr. Streicher,

RJN Group, Inc (RJN) is pleased to submit this proposal to provide Professional Engineering Services to assist the Glenbard Wastewater Authority (GWA) in the Final Design, Bidding, and Construction of the rehabilitation of the North Regional Interceptor (NRI). This proposal includes preparation of design plans and specifications, bidding documents and bidding assistance, the phasing of rehab, and construction phase observation and engineering.

We hope that, upon review of our proposal, you will find our **engineering-led approach** and experience to be best suited for the completion of this project.

RJN, established in 1975, is a professional engineering consulting firm focused on providing innovative engineering solutions and field services. With over 90% of our clients being municipalities and public utilities, and over 85% of our work focused on sewer collection systems, we are uniquely qualified for this project.

Key Project Goals and Objectives

The primary goal of this project is to design, bid, and oversee rehabilitation of the NRI Interceptor from late 2022 through 2024. RJN has reviewed the sewer and manhole inspections of the GWA interceptors and developed a preliminary design for rehabilitation of the highest priority areas. The preliminary design was submitted to GWA in July of 2022 and provided cost estimates for the construction of the rehabilitation efforts while considering the GWA budget for 2023 and 2024. This proposal will outline the proposed timeline for rehabilitation efforts and provide costs for the engineering fees associated with the eventual construction.

The preliminary design report staged the rehabilitation efforts into two phases in order to manage the costs in concurrence with GWA's budget. Phase 1 is the lining of the NRI sewer segments along St. Charles Road and the heavy cleaning of NRI sewer segments under Rt. 355. Phase 2 is the lining of NRI

sewer segments from St. Charles Road to the GWA CSO Facility and Manhole Rehabilitation from the St. Charles Force Main discharge to the CSO Facility. The two phases are mapped in Exhibit A.

The two phased approach will require multiple years of design, bidding, and construction. This proposal includes the following:

1. Phase 1 Final design plans and specs (late 2022)
2. Phase 1 bidding assistance (late 2022/early 2023)
3. Phase 1 construction management (mid 2023)
4. Phase 2 Final design plans and specs of Phase 2 (late 2023)
5. Phase 2 bidding assistance (late 2023/early 2024)
6. Phase 2 construction management (mid 2024)

Following the completion of this project, GWA will have the high priority rehabilitation of their interceptor system completed. It is recommended that GWA resume the inspection program of their sewer system by performing televising and manhole inspections in 2025.

The full scope of services is provided in Exhibit B.

Price and Schedule Summary

This project will be invoiced on a lump sum, percent complete basis for a total not-to-exceed fee of \$155,000. The project will have milestones in 2022, 2023, and 2024, with completion of rehabilitation construction in 2024. Complete Scope of Services, Pricing, and Schedules are provided in the following exhibits:

- Exhibit A – Rehabilitation Phase Maps
- Exhibit B – Scope of Services
- Exhibit C – Pricing
- Exhibit D – Schedule

We are looking forward to the opportunity to work with the Glenbard Wastewater Authority on this important project. It is our pleasure to submit this proposal to you. Please feel free to contact Tom at 224-587-7366 or tom.romza@rjnmail.com if you would like to discuss this proposal or have any questions.

Sincerely,



Tom Romza, PE
Regional Manager



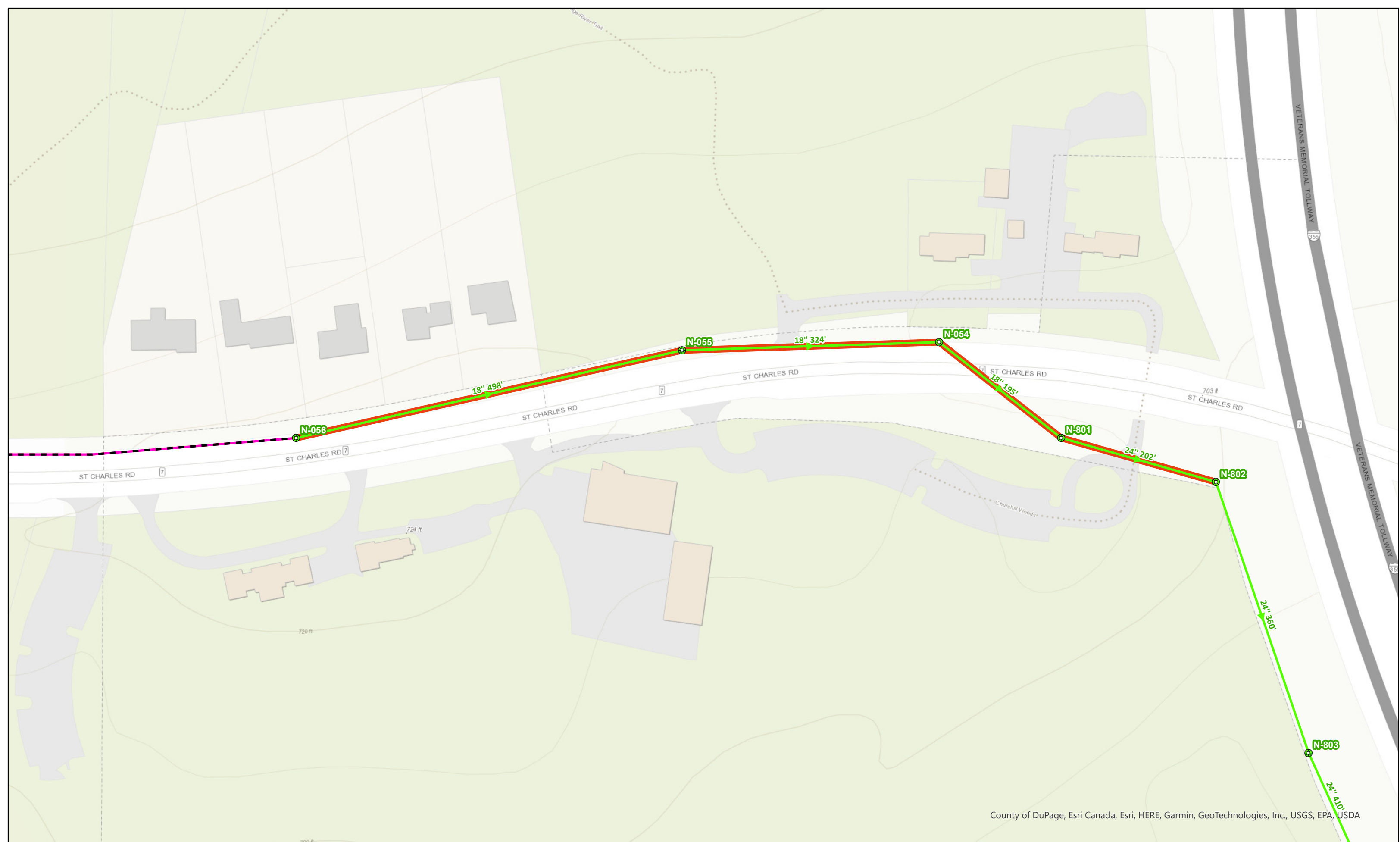
Patrick Hulsebosch, EIT
Project Manager



EXHIBIT A

PHASE MAPS FROM PRELIMINARY DESIGN REPORT

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County of DuPage, Esri Canada, Esri, HERE, Garmin, GeoTechnologies, Inc., USGS, EPA, USDA



Manhole Rehabilitation Codes
FB-NP - Replace Frame & Bolted Cover (EXS Included) (Unpaved)
I - Internal Chimney Seal
S - Structural Lining
GW - Grout Wall Joints, Number of Wall Joints
GC - Grout Cone
GFC - Full Curtain Grout
CB - Replace Bolts in Cover
E - Epoxy Coat



EXHIBIT B

SCOPE OF SERVICES

RJN is proposing the following scope of services for the high priority rehabilitation efforts of the NRI.

1. Final Design Plans and Specifications for Phase 1 and Phase 2 Rehabilitation

- A. Finalize rehabilitation recommendations.
- B. Prepare rehabilitation exhibits to be included in Bid Package, including the following:
 - i. Sewer rehabilitation schedules and location exhibits
 - ii. Bypass and traffic control recommendations
 - iii. Project specific details such as erosion control, swamp mats, and tree removal
 - iv. Contract Front End Documents and detailed Specifications:
 - i. Utilize GWA Front End Contract Documents with only project specific modifications.
 - ii. Prepare detailed project Specifications.
- C. Provide a Bid Package and for GWA review containing:
 - i. GWA front end documents
 - i. Bid Tab
 - ii. Summary of Quantities and Opinion of Probable Construction Cost
 - iii. Project technical specifications, including bypass pumping requirements
 - iv. Set of Plans
 - v. Rehabilitation Schedules
 - vi. IDOT Traffic Control Standards
- D. Have senior design P.E. provide an overall review and engineering stamp for the bid package. Submit a PDF of the final bid package to the GWA.
- E. Identify and submit permit applications for necessary permitting including:
 - i. IDOT
 - ii. Forest Preserve
 - iii. DuPage County
 - iv. This proposal does not include any costs or fees associated with submitting or obtaining proper permitting.

2. Bidding Assistance for Phase 1 and Phase 2 Rehabilitation

- A. Provide PDF and Word versions of bidding documents to GWA.
- B. Post bid package using Quest CDN.
- C. Answer bid-related questions through formal addenda.
- D. Attend and prepare for a pre-bid meeting for all plan holders, prepare minutes, and distribute to all attendees.
- E. Attend bid opening and prepare a bid cost tabulation report.
- F. Prepare a Recommendation of Selection letter.

3. Construction Management for Phase 1 and Phase 2 Rehabilitation

- A. Pre-Construction Assistance:
 - i. Prepare Contract Documents for execution by GWA and Contractor. Review Contractor's insurance documents.
 - ii. Coordinate and attend preconstruction meeting. Prepare and distribute meeting minutes.
 - iii. Review Contractor's shop drawings and other construction submittals, traffic control plans, bypass pumping plans, pre-construction surface videos, and construction phasing.
- B. Ensure contractor provides notification to the residents of the impacts to sewer service and access to driveways.
- C. Provide a combination of full and part-time construction observation for the duration of the project. Full-time construction observation will take place during lining and manhole rehabilitation. Part-time construction observation will take place during heavy cleaning and restoration.
- D. Provide documentation of the construction activities, including maintaining a daily project journal and taking digital photographs of all phases of the project.
- E. Provide periodic inspection of traffic control measures to ensure roadways remain open and driveways/sidewalks are not blocked for extended periods.
- F. Inspect each manhole and surrounding during and after construction, to ensure no damage has occurred. This includes the final walk through, preparation of punch list, and final inspection.
- G. Review Contractor's pre and post photos/videos of the lining and manhole inspections. Notify GWA when post-construction videos are acceptable, and bid items are ready for payment.
- H. Submit weekly project updates to GWA.
- I. Provide contract management, including review of Contractor's payment requests, preparation of change orders, and coordination of contract closeout.
- J. Provide general project management throughout the duration of the project and prepare a set of final construction drawings in ArcGIS format.

4. Project Management

- A. Provide project management services throughout the rehabilitation design, bidding, and construction. Attend up to 8 meetings with GWA and/or review agency.

Items Requested from the Authority

- 1. Updated GIS geodatabases, shape files, or CADD atlases for the sanitary sewer collection system. Any design and/or record drawings, maintenance and repair records, past inspection data, and any other related data.
- 2. Access to sanitary structures for inspection. Assistance locating or opening seized/buried manholes as required.
- 3. Help coordinating and communicating with all project stakeholders.

4. GWA Front End Contract and Proposal Documents in MS Word format.
5. GWA to provide review and comment on prepared bidding documents including any project specific modifications for this project.
6. Coordination with RJN in answering bid-related questions in formal addenda.

Items Not Included in the Scope

1. Permitting Fees



EXHIBIT C

PRICING

Pricing for the 2022-2024 NRI Rehabilitation Design, Bidding, and Construction project is as follows:

Pricing Terms for Invoicing: Lump Sum Percent Complete

Not-To-Exceed Total Cost: \$155,000

Cost Schedule

Task	Fee
Phase 1 Final Design and Specs	\$32,000
Phase 1 Bidding Assistance	\$4,500
Phase 1 Construction Management	\$29,000
Phase 2 Final Design and Specs	\$20,000
Phase 2 Bidding Assistance	\$4,500
Phase 2 Construction Management	\$55,000
Project Management	\$10,000
TOTAL	\$155,000

Proposal Option

This Proposal can be amended to include additional work upon joint approval by the GWA and RJN.



EXHIBIT D

PROPOSED SCHEDULE

RJN is prepared to start work immediately upon an Agreement. The timeline below is based on Notice to Proceed by August 31, 2022.

Task	Timeline
Phase 1 Final Design and Specs	95% design submittal by November 18, 2022. 100% design submittal and bid package by Dec 2, 2022
Phase 1 Bidding Assistance	Bid opening is anticipated by February 2023
Phase 1 Construction Management	Construction is anticipated to be started in Spring/early Summer of 2023.
Phase 2 Final Design and Specs	95% submittal, 100% submittal and bid package is anticipated in Fall of 2023
Phase 2 Bidding Assistance	Bid Opening is anticipated in early 2024
Phase 2 Construction Management	Construction is anticipated to be started in Spring/early Summer of 2024

SECTION 8.0

AUTHORIZATION
APPROVAL -

REMOTE SITE
TELEMETRY UPGRADE

MEMORANDUM

TO: Matt Streicher, Executive Director
FROM: Rick Freeman, Electrical Superintendent
DATE: August 17, 2022
RE: Remote Sites Communications Hardware Upgrade



From inception of the Supervisory Control and Data Acquisition System (SCADA) at the Authority in the late nineties, until mid-2014 we had relied on "Leased Line" (copper twisted pairs) technology from AT&T to communicate with our remote sites.

At the June 2014 EOC Meeting, the board approved the Remote Sites Communication Upgrade Project to B&W CSI (now Concentric Integration) to transition GWA to a cellular based system, through a private VPN, via Verizon Wireless. This effort has afforded the Authority significant cost savings and exceedingly satisfactory results, with very few communications loses over these past eight years.

The Authority relies heavily on this communication as it allows for the continued ability to control, monitor, and respond to operational conditions at our remote Lift Stations, CSO Facility, and Interceptor Systems un-manned.

The cellular hardware located at each of the nine remote sites is now at end of life, and will no longer be supported after December 31, 2022. With this in mind, the Authority began a dialogue with Concentric Integration in June of 2021, to obtain an upgrade estimate for CY-2022 budget planning.

The Authority recommends moving forward with this Remote Sites Communication Hardware Upgrade with Concentric Integration in the amount of \$46,470. They are exceptionally qualified with cellular technology and intimate knowledge/understanding of our existing system, and have the complete in-house capabilities to tackle the myriad of technical disciplines required for a project like this; IT, Instrumentation, PLC, SCADA, Security, etc. They also have completed similar installations for Downers Grove Sanitary District and NWJAWA, to name a few. The Authority has also had previous success with projects utilizing Concentric Integration as our IT systems and integration technology experts.

Funds for this project were included in the CY-2022 Budget, Fund 40 Capital Account 40-580180, in the amount of \$40,500. An un-anticipated budgeted shortfall of \$5,970, due to current economic conditions. Adequate funding does exist within this line item to cover the expense.



Project Proposal

August 16, 2022

Mr. Rick Freeman
Electrical Superintendent
Glenbard Wastewater Authority
945 Bemis Road
Glen Ellyn, IL 60137

Subject: Cellular Router Replacement

Concentric Project Number: 221482.10

Dear Mr. Freeman:

Communications for the Glenbard Wastewater Authority's lift stations is done using cellular connectivity utilizing Verizon's private network. The devices used for communication will be end of life at the end of 2022 and should be replaced due to lack of support by the manufacture. Concentric Integration recommends the replacement and installation of the following equipment:

- Cisco 819 4G LTE M2M cellular routers located at the lift stations with new Cisco ISR1101 cellular routers
- Installation of new PULS 5A 24VDC Power Supply (or equivalent)
- Externally mounted MIMO antennas for improved cellular based communications

The following is our scope of services:

Scope of Services

Equipment

Concentric will provide the following equipment:

1. Quantity nine (9) Cisco IR1101-A-K9 Cellular Routers
 - a. Cisco 4G LTE 2.0 Network Interface Module - P-LTE-VZ=
 - b. Cisco Network Advantage License - SL-IR1101-NA
 - c. Cisco SMARTnet 24x7x4 hour service and replacement - CON-SNTPIR1101AK
 - d. Cisco DIN Rail Kit - IR1101-DINRAIL=
2. GNSS Multiband Surface Mount Antenna - LTM301PM (or equivalent) for each radio
3. TESSCO Lighting Arrestor – 354405 (or equivalent) for each antenna connection to radio
4. PULS CP5.241 120W, 24V, 5A 1-phase DIN rail power - CP5.241 (or equivalent) for each radio





Labor

Project Management

1. Plan, schedule, and coordinate the activities that must be performed to complete the Project.
2. Coordinate a phone-based kick-off call.
3. Provide every other week project status updates via email.

Remote Site Cellular connectivity

1. Configure the new routers in our office and apply any compatible firmware upgrades, security patches, and software prerequisites.
2. Update existing network diagram to reflect changes in cellular router hardware.
3. Coordinate with Verizon Wireless and the District to provide new replacement SIM cards.
4. Provide, configure, and install a Cisco IR1101A cellular router at each Lift Station site.
 - a. The existing Cisco cellular routers will be removed and given to the Authority for disposal.
5. Provide and install MIMO antennas, with built-in diversity, at each Lift Station.
6. Confirm that each Lift Station site successfully communicates back to SCADA.

Documentation

1. Provide updated panel drawings to include new cellular equipment.
2. Provide updated Visio diagram.

Fee

Our fee for the above scope is a lump sum of \$46,470.

This proposal is valid for 90 days from the date issued.

Concentric Assumptions / Customer Responsibilities

1. Customer will assign an initial project manager at the project kickoff meeting.
2. Customer will provide site access for installation, programming, and startup during Customer's normal business hours. Work outside of Customer's normal business hours can be agreed upon as needed, provided Concentric can secure the site(s) upon departure.





3. Customer understands that all existing equipment to remain is assumed to be in good, working order. In the event that any other equipment does not perform as-expected, Concentric will work with the Customer to repair, as-needed, under a separate contract.
4. Customer will dispose of/recycle any removed equipment.

Annual Support

This project will add additional hardware and software to the Customer, some of which has support or maintenance associated with it. Concentric recommends the Customer maintain any applicable support agreements once the initial support/warranty periods expire. On this project, we have included the following support agreements, that all begin approximately at the date the product is shipped (not necessarily the date it is onsite) and last for periods varying from one year to three years.

Following is the recommended support and estimated amounts for annual renewals (this is provided solely for budgetary purposes and will need to be quoted at the time of renewal):

Description	Annual Renewal
Cisco SMARTnet for Cellular Routers	\$2,000
Total	\$2,000

Manufacturer standard warranty on all other hardware

Project Schedule

Concentric is available to begin work upon notice to proceed.

Warranty

The warranty listed in the Standard Terms and Conditions (Paragraph 12.2):

- ☐ DOES apply
☒ DOES NOT apply

Standard Terms and Conditions References

Effective Date: The Effective Date of this Proposal and the associated Standard Terms and Conditions shall be the date this Proposal is accepted as shown by Customer's dated signature below.





Third Party Materials (See Standard Terms and Conditions Paragraphs 3.2 & 8.3):

- ☒ DOES apply
- ☐ DOES NOT apply

Notices: Notices required to be provided to Customer in accordance with Paragraph 16.3 of the Standard Terms and Conditions shall be delivered to the individual and address given above, unless Customer provides updated notification information to Concentric in writing

Standard Terms and Conditions

Concentric Integration, LLC's Standard Terms and Conditions, Version 10 (V10), located at <http://goconcentric.com/standard-terms/> are hereby incorporated into this Project Proposal as though fully attached hereto. By signing below, each of the undersigned represents and warrants that Concentric Integration, LLC's Standard Terms & Conditions are legal, valid and binding obligations upon the parties for which they are the authorized representative.





Acceptance

If this proposal is acceptable, please sign one copy and return to us. Feel free to contact me if you have any questions.

Sincerely,

CONCENTRIC INTEGRATION, LLC

Michael D. Klein, PE
President
MDK/LAK

CUSTOMER:
GLENBARD WASTEWATER AUTHORITY

ACCEPTED BY: _____

TITLE: _____

DATE: _____

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SECTION 9.0

APPROVAL REQUEST –

2022 ROOF

REHABILITATION

PROJECT SETTLEMENT



August 18, 2022

Mr. Jon Braga
Maintenance Superintendent
Glenbard Wastewater Authority
945 Bemis Road
Glen Ellyn, Illinois 60137

RE: **Letter of Recommendation**
Roof Replacement at Multiple Sites (Buildings A, J, N and CSO-C)
Project No. 22091

Dear Jon:

On Wednesday, August 17, 2022 at 2:00 pm, seven (7) sealed bids were opened for the Roof Replacement at Multiple Sites (Buildings A, J, N and CSO-C). The low Base Bid of \$242,000.00 was submitted by L. Marshall, Inc. of Glenview, Illinois. The Base Bid includes the replacement of the roof areas on Buildings A, J, N and CSO-C. See attached Bid Tabulation Sheet for a complete summary of the bids.

On Thursday, August 18, 2022, we conducted a scope review of the project with Mike Oswald, Vice-President of Estimating for L. Marshall, Inc. We reviewed the construction documents with Mike Oswald and he has confirmed their bid in writing (see attached letter), including the Scope of the Project, Allowances, and the Unit Costs. Additionally, L. Marshall, Inc. has completed numerous other projects of similar scope and size for ARCON Associates, Inc.

Our office recommends that Glenbard Wastewater Authority extend a contract to L. Marshall, Inc. of Glenview, Illinois for the Roof Replacement at Multiple Sites (Buildings A, J, N and CSO-C), in the amount of \$242,000.00.

Please feel free to contact me if you have any questions regarding this letter.

Sincerely,
ARCON Associates, Inc.

A handwritten signature in black ink, reading "Brian E. McElmeel".

Brian E. McElmeel, RRC, IIBEC
Director of Building Envelope Services

c: V.P. Trinh, ARCON Associates, Inc.
Donna Demarakis, ARCON Associates, Inc.

attachments
BEM

"J:\Glenbard Wastewater Authority\22091 Roof Replacement @ Multiple Sites\1 Docs\Corr\22091LOR.pdf"

Project: Roof Replacement at Multiple Sites (A, J, N and CSO-C)

Owner: Glenbard Wastewater Authority

Project No.: 22091

Bid Date/Time: Wednesday, 8/17/2022 at 2:00 PM



	CONTRACTOR	BID BOND	ADDENDUM No. 1	BASE BID	CONCRETE DECK REPAIR (SQ.FT.)	EXISTING WOOD BLOCKING REPLACEMENT (BD.FT.)
1	L. Marshall, Inc.	X	X	\$ 242,000.00	\$35.00	\$6.50
2	Crowther Roofing & Sheet Metal Inc.	X	X	\$ 247,185.00	\$50.00	\$3.00
3	Preservation Services, Inc.	X	X	\$ 285,000.00	\$50.00	\$5.00
4	Elens & Maichin Roofing & Sheet Metal Inc.	X	X	\$ 291,400.00	\$25.00	\$5.50
5	Riddiford Roofing Company	X	X	\$ 317,569.00	\$20.00	\$9.00
6	Knickerbocker Roofing and Paving Co. Inc.	X	X	\$ 364,000.00	\$50.00	\$6.00
7	Combined Roofing Services LLC	X	X	\$ 397,650.00	\$50.00	\$10.00
8	A-1 Roofing Company	-	-	-	-	-
9	Bennett & Brosseau, Roofing, Inc.	-	-	-	-	-
10						



August 18, 2022

Mr. Brian McElmeel, RRC, IIBEC
Director of Building Envelope Services
Arcon Associates, Inc.
2050 S. Finley Road, Suite 40
Lombard, Illinois 60148

Re: Roof Replacement at Multiple Sites (A, J, N and CSO-C)
Glenbard Wastewater Authority

Dear Mr. McElmeel,

This letter is to confirm the items discussed during the scope review meeting held this morning. We have included all items per the drawings and specifications dated August 5, 2022, including Addendum #1.

We have included the following quantities and dollar amounts as Allowances in our Base Bid:

- | | | |
|--|---|-------------|
| 1. Provide 100 SQ. FT. of concrete deck repair @ \$35.00/sf | - | \$ 3,500.00 |
| 2. Provide 200 BD. FT. of additional wood blocking @ \$ 6.50/bd-ft | - | \$ 1,300.00 |
| 3. Provide a cash allowance for electrical, mechanical, or
other roof related items as directed by the owner/Architect. | - | \$ 2,500.00 |

TOTAL Allowances Included: \$7,300.00

We have also included in our bid the necessary plumbing, mechanical, and masonry sub-contractors for this project. We plan on sub-contracting the respective work to Jensen's Plumbing & Heating and Safe-Way Tuckpointing.

We agree and acknowledge to the construction schedule as listed in the documents and below:

- Start date of September 12, 2022
- Substantial completion date of October 29, 2022
- Final completion date of November 5, 2022

L. Marshall, Inc. has reviewed the submitted proposal and are confident in completing the specified work for the Base Bid amount of \$242,000.00.

We look forward to working with you and the Glenbard Wastewater Authority to achieve a successful and positive working experience.

Sincerely,

Patrick M. Oswald
Vice President of Estimating
L. Marshall Inc.

SECTION 10.0

DISCUSSION

SECTION 10.1

CAPITAL IMPROVEMENT PROJECs UPDATES

CAPITAL IMPROVEMENTS PROJECT UPDATE



- MEDIUM VOLTAGE ELECTRICAL GRID REPLACEMENT
 - BIOSOLIDS DEWATERING IMPROVEMENT PROJECT (BDIP)
 - PRIMARY CLARIFIER IMPROVEMENTS
-



MEDIUM VOLTAGE ELECTRIC GRID

Complete!

(minus one warranty item)



BDIP



- Complete!
- Final \$10,700 Credit!
- Loan repayments start October 2022



Primary Clarifier/Gravity Thickener Improvements



- Progress Meeting Held in August
- Bypass funding for IEPA Low Interest Loan – no bidding until CY2023
- Consultant working on design alternatives
- Significant Material Price Escalations Expected; original project estimate in CY20 was \$4M, current estimates around \$6M



SECTION 10.2

CY2023 DRAFT BUDGET

MEMORANDUM

TO: Executive Oversight Committee

FROM: Matt Streicher, P.E. BCEE, Executive Director

DATE: September 8, 2022

RE: Draft CY2023 Budget



As a means to help convey the significant budgetary impacts for CY2023, provided below is an outline of significant changes and items that have the largest impacts on the budget. Following this memo, also enclosed are the pertinent sheets from the draft CY2023 budget. Further descriptions or additional pages of the full budget can be provided upon request, and the full budget will be presented to the EOC when the motion to approve is requested at a later date.

Capital Fund 40

- Incorporated Operating Surplus Transfer - \$155,452. Since historically the Authority has been able to achieve substantial operating surpluses, and traditionally the EOC has authorized those surpluses to be transferred into the Capital Fund, \$50,000 was budgeted for all future years to be transferred into capital. This item will be tracked and adjusted as needed.
- 1% increase in capital contributions from each Village. Discussion was held on raising the increase to 1.25% for the next 20 years in order to keep sufficient cash on hand in the Capital Fund for future projects beyond the 20-year plan, however, in lieu of increasing the contribution to 1.25% this year, Village of Lombard Connection Fee revenue was increased from \$25k/year to \$50k/year based on historical patterns. Due to material/price cost escalations, inflation, and other factors – it is still recommended the Village’s consider adjusting the annual contribution increase to alleviate the need for a larger increase in the future.
- Included IEPA Loan payback for Biosolids Dewatering Improvements Project
- Small Capital Projects incorporated several smaller scale “capital” projects/purchases that had been deferred from the previous year, seeing a decrease of \$246,500, which is comparable to what had been budgeted historically.
- Infrastructure Improvements incorporated several projects/purchases that had been deferred, seeing a decrease of \$5,500, which is still lower to what had been budgeted historically prior to CY2021.

- Routine Equipment Rehabilitation incorporated several projects/purchases that had been deferred, seeing a decrease of \$64,270. This fund includes the interceptor rehabilitation phased program that will be initiated in CY23, and will see significant increases in CY24.
- Rolling Stock - \$313,000. This includes the replacement of a truck that was anticipated for replacement in CY22, however, due to the vehicle shortages – it has been deferred to CY23. Also scheduled for replacement is GWA’s crane truck. This replacement is partially due to the age of the vehicle (10 years), but also needs for the crane have changed since it was originally purchased. Since this purchase, GWA has built two new pump stations, and one new lift station, which all contain larger pumps than the Authority previously had. In addition, with a larger crane truck, GWA would have the ability to perform more maintenance in-house.
- Other major projects expected to occur in CY2023 are the construction of the Primary Clarifier/Gravity Thickener Improvements and associated engineering (\$6M & \$600, respectively), Administration parking lot, main plant, and CSO plant resurfacing (\$1.1M), and Electronic O&M Manuals (\$380k).

Operations & Maintenance 270

- Salaries have a **2.2% (\$41,815) decrease** overall, including overtime, part-time, and seasonal personnel. Although this is including a 5.5% merit increase at the moment, due to turnovers, and a lower IMRF rate, GWA is able to slightly decrease this cost center for this year.
- Employee Education **decreased 12.5% (\$3,900)**, mainly due to WEFTEC being held in Chicago this year, lowering travel costs for attendance.
- Dues/Fees/Subscriptions increased 5.7% (\$700) due to an additional subscription planned for CY2023. With the number of cyber incidents occurring in the municipal space, the Authority will be enrolling in a cybersecurity training program to educate staff.
- DuPage River Salt Creek Workgroup fees increased 3% (\$1,024) based on their annual increase. The workgroup fees increase 3% annually, but provide a much greater benefit to the Authority’s overall cost by negotiating National Pollutant Discharge Elimination System permit conditions.
- External Consulting Fees increased by 50% (\$10,000) due to the need for greater consulting engineering fees. The past several years the Authority had two engineers on staff, which allowed this budget category to be lowered to \$20k, however, with only one engineer on staff now this is being increased back to its prior level in the event these services are needed.
- Audit fees increased by 7.9% (\$1,200) based on information provided by Village of Glen Ellyn Finance.

- Liability Insurance **decreased 6.3% (\$9,400)** based on information provided by Village of Glen Ellyn Finance.
- Health Insurance **decreased 1.7% (\$4,500)** based on information provided by Village of Glen Ellyn Finance.
- Building & Grounds – Support is increasing by 1.9% (\$1,076) due to some minor increases in various contractual services such as elevator servicing, window cleaning, etc.
- Equipment Maintenance is increasing by 5.7% (\$6,400) partially due to material price increases, such as petroleum-based products used for preventative maintenance, along with some additional preventative maintenance measures that are being undertaken in CY2023.
- Maintenance Support is increasing by 18.9% (\$11,650) largely due to an increase in the equipment services support provided by the Village of Glen Ellyn, as well as some increased costs in other contractual services.
- Electrical Maintenance is increasing by 6.7% (\$4,000) mostly due to increased material prices for electrical products used throughout the plant.
- Electrical Support is increasing by 5.7% (\$12,150) mostly due to increased costs in contractual services.
- Operations Supplies is increasing by 54.1% (\$6,000) due to the anticipated purchase of new belts for the belt filter press. This anticipated purchase was removed from the CY2022 budget since new belts were being installed with the Biosolids Dewatering Project, so this item is simply being reinserted into the CY2023 budget moving forward.
- Operations Support is increasing by 14.3% (\$1,000) due to increased costs in contractual services.
- Overhead fees increase 6.6% (\$9,190). Village of Glen Ellyn increases overhead fees by CPI annually, which is agreed upon in the Intergovernmental Agreement
- Sludge Disposal increased 4.5% (\$10,000) due to increased sludge production. Due to some changes in processes more sludge has been generated. Although attempts will be made to reduce sludge generation, over the past year, the sludge production has increased. Despite being locked into a contract, there is also a potential that the price per cubic yard hauled away could increase due to a Force Majeure clause.
- Telecommunications increased 13.1% (\$4,000) due to increased costs in phone service, number of devices on cellular network, and other contractual fee increases. This item will continue to fluctuate year to year based on costs of outside services.
- Electric power increased 28.6% (\$100,000) based on historical use. Although the Authority's most recent energy supply contract has locked in a slightly lower price, and

targets a lower number with expectations to generate/offset the purchase of a significant amount of electricity, this has been found to be unreliable enough to lower the budget number. Per the advice of both Village's Finance Directors, this cost center has been increased to match what has typically been trended.

- Natural Gas increased 8.3% (\$5,000) due to adjustments made after the new contract was put in place in 2021. As gas usage is variable, and a new price was in effect, it was difficult to estimate an accurate budget amount without historical data. With having enough historical data to use, this is being adjusted to accurately reflect what has historically been used.
- Backup Generator Gas increased 20% (\$1,000). This natural gas is strictly budgeted for the backup generator use since it is on a different gas meter than the Authority's main account. Traditionally, the backup generators main use of gas is when it's exercised twice monthly, the only other reason it would be used is for an unforeseen power outage. In CY2022 this cost center was lowered \$1,000 based on historical costs, however, due to the increase in price for natural gas associated with the new contract – the overall annual cost merited this amount being increased to reflect the new pricing.
- Pretreatment Expenses increased 900% (\$40,500) due to the local limits study that is being performed in CY2023 as part of our regulatory requirements. This study is mandated by the IEPA and will be completed in CY2023. The study was already approved by the EOC. This cost center will go back down to its normal operating level of \$4,500 in CY2024.
- Safety **decreased 4.4% (\$1,200)**. In CY2022 a higher-than-normal dollar amount was budgeted to reflect new safety equipment that was planned to be purchased. The equipment was purchased; therefore, the higher dollar amount is no longer needed.
- Chemicals increased 30.7% (\$46,000) due to the continuing increase in costs for sodium hypochlorite as a result of the national chlorine shortage, as well as additional costs for almost all the chemicals that are used at the Authority.
- Liquid Oxygen increased 3.1% (\$10,000) in order to account the for the new price when this contract was renewed in CY2022. This is a newer process that continues to be tweaked and optimized. Despite the cost of product itself rising, the Authority was able to avoid additional service fees and fuel surcharges with the new contract, so far. Also, staff has been able to consistently reduce the use of liquid oxygen, so the Authority is optimistic that it will be able to stay within budget despite the new contract price and possible further increases due to fuel costs.
- Stormwater Plant & Hill Avenue Lift Station Budget: A 27.9% increase (\$40,000) is mostly due to higher chemical costs, for the same reason as previously mentioned with the national chlorine shortage.
- NRI/St. Charles Road Lift Station Budget: A 6.1% increase (\$1,900) is mainly due continued fuel price increases, as diesel fuel is used for the backup generator at this site.

Even in the event of no power failures, the emergency generator is exercised every other week resulting in some fuel usage. There are some minor increases in preventative maintenance for electrical equipment as well, mostly due to supply chain issues/material price escalations.

- SRI/Valley View Lift Station Budget: A 5.6% increase (\$1,250) is mainly due continued fuel price increases, as diesel fuel is used for the backup generator at this site. Even in the event of no power failures, the emergency generator is exercised every other week resulting in some fuel usage. There are some minor increases in preventative maintenance for electrical equipment as well, mostly due to supply chain issues/material price escalations.

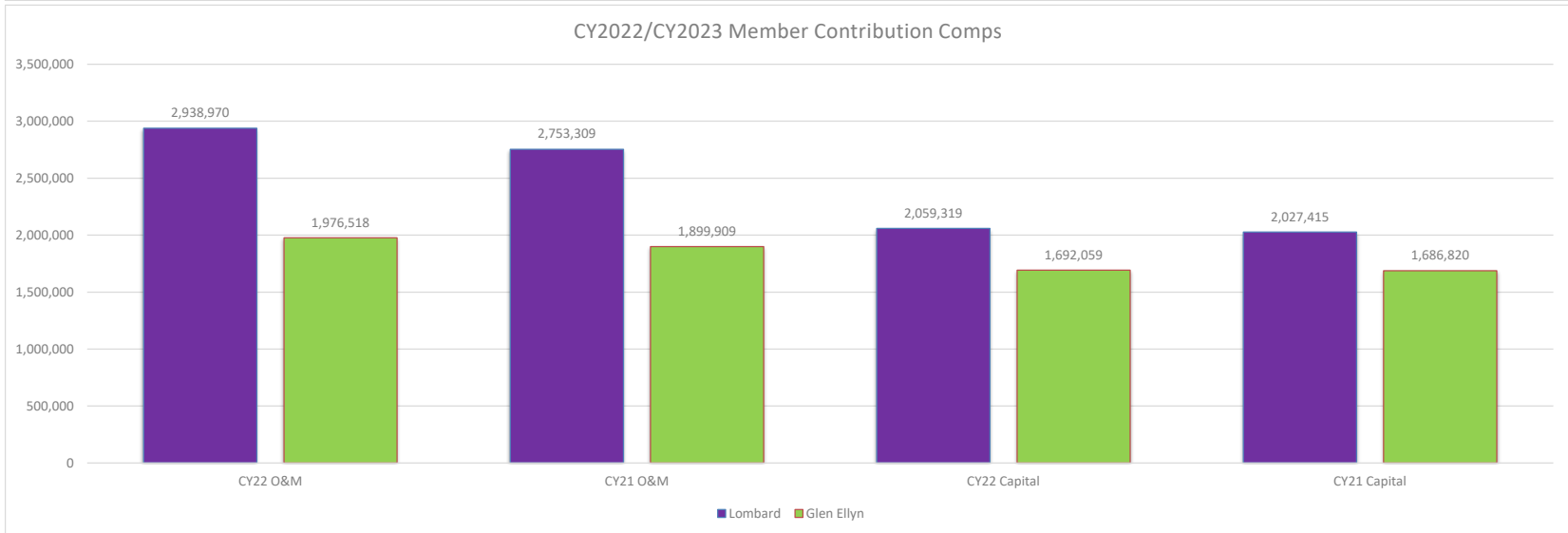
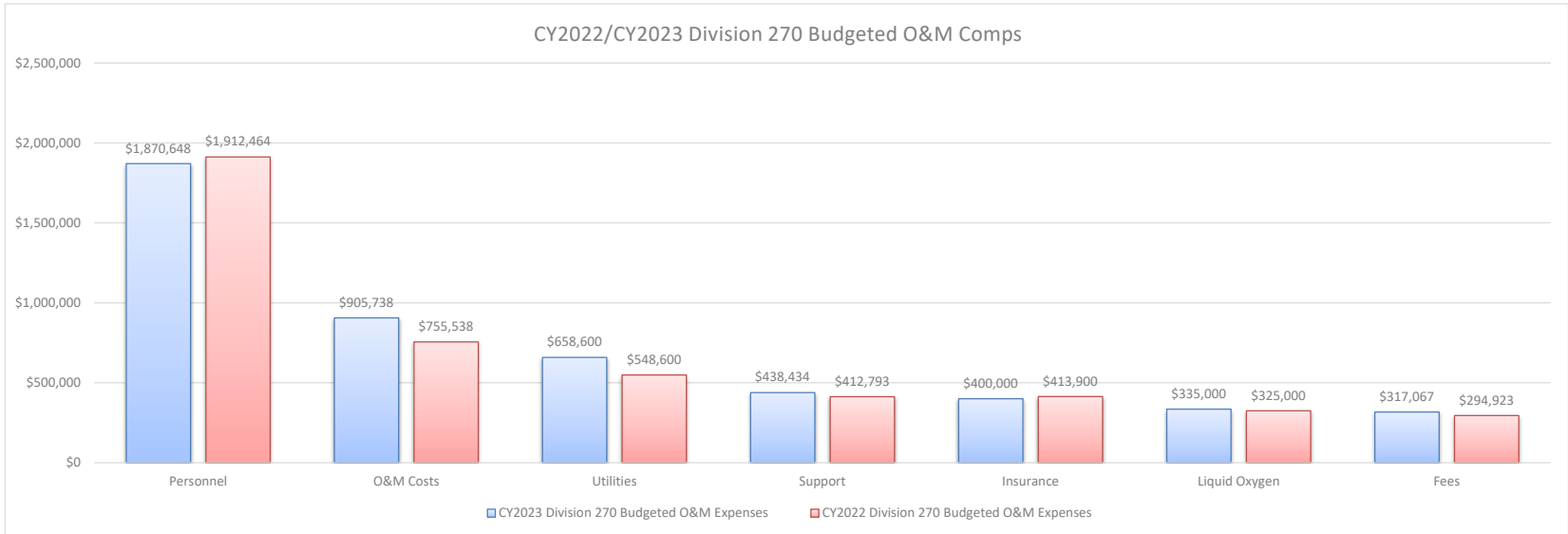
The budget has an O&M increase of 5.6% (\$262,270). The budgets overall increase including capital is 3.6% or \$299,412 over the CY2022 budget. It is requested that the EOC provide any feedback or thoughts on the draft budget. Once the remaining information is provided in the budget, a request will be made to motion the EOC to authorize approval to the Full Boards of Glen Ellyn and Lombard.

Glenbard Wastewater Authority
 Budget CY2023
 All Funds
 Expense Allocation to Partners

APPROVED CY2022 EXPENSES ALLOCATED TO PARTNERS			
	LOMBARD	GLEN ELLYN	TOTAL
Fund 27 -- Operation & Maintenance Fund	2,753,309	1,899,909	4,653,218
TOTAL O&M BUDGET	2,753,309	1,899,909	4,653,218
CAPITAL EQUIPMENT REPLACEMENT FUND	2,027,415	1,686,820	3,714,235
TOTAL O&M AND CAPITAL BUDGETS	4,780,724	3,586,729	8,367,453
ESTIMATED ACTUAL CY2022 EXPENSES ALLOCATED TO PARTNERS			
	LOMBARD	GLEN ELLYN	TOTAL
Div. 270 -- Glenbard Plant / SRI L.S. / Sunnyside L.S.	2,574,033	1,776,200	4,350,233
270-1 -- Stormwater Plant / Hill Ave L.S.	89,783	61,954	151,737
270-2 -- North Reg. Int. / St. Charles Rd. L.S.	19,278	13,303	32,580
270-3 -- South Reg. Int. / Valley View L.S.	14,627	10,093	24,720
TOTAL O&M BUDGET	2,697,720	1,861,550	4,559,270
CAPITAL EQUIPMENT REPLACEMENT FUND	2,027,415	1,686,820	3,714,235
TOTAL O&M AND CAPITAL BUDGETS	4,725,135	3,548,370	8,273,505
CY2022 BUDGET OVER (UNDER)	(55,589)	(38,359)	(93,948)
PROPOSED CY2023 PARTNERS ALLOCATION			
	LOMBARD	GLEN ELLYN	TOTAL
Fund 27 -- Operation & Maintenance Fund	2,938,970	1,976,518	4,915,488
TOTAL O&M BUDGET	2,938,970	1,976,518	4,915,488
CAPITAL EQUIPMENT REPLACEMENT FUND	2,059,319	1,692,059	3,751,377
TOTAL O&M AND CAPITAL BUDGETS	4,998,289	3,668,576	8,666,865
Proposed CY2023 Partners Allocation Compared to Approved Expenses Allocated to Partners CY2022:			
Operation & Maintenance	\$185,661 6.7%	\$76,609 4.0%	\$262,270 5.6%
Capital Improvements	\$31,903 1.6%	\$5,239 0.3%	\$37,142 1.0%
Total O&M and Capital Budgets	\$217,564 4.6%	\$81,848 2.3%	\$299,412 3.6%

Glenbard Wastewater Authority Budget CY2023 Operations & Maintenance				
SUMMARY BY DIVISION				
Expense Allocation to Partners	Actual	Budgeted	Estimated	Budgeting
REVENUES	CY2021	CY2022	CY2022	CY2023
Div. 270 -- Glenbard Wastewater Authority	4,539,228	4,653,218	4,653,218	4,915,488
Interest O&M Fund	4,573	10,000	3,466	10,000
Miscellaneous Revenue	0	0	0	0
IRMA Reimbursement	0	0	0	0
Total Revenues	4,543,802	4,663,218	4,656,684	4,925,488
	Actual	Budgeted	Estimated	Budgeting
EXPENSES	CY2021	CY2022	CY2022	CY2023
Div. 270 -- Glenbard Plant / SRI L.S. / Sunnyside L.S.	4,451,047	4,462,850	4,350,233	4,681,020
270-1 -- Stormwater Plant / Hill Ave L.S.	61,482	146,968	151,737	187,918
270-2 -- North Reg. Int. / St. Charles Rd. L.S.	19,127	30,950	32,580	32,850
270-3 -- South Reg. Int. / Valley View L.S.	12,353	22,450	24,720	23,700
Total O&M Expense:	4,544,009	4,663,218	4,559,270	4,925,488
Village of Glen Ellyn O&M Expenditures	1,842,596	1,903,992	1,861,550	1,980,539
Village of Lombard O&M Expenditures	2,701,413	2,759,226	2,697,720	2,944,949
Budget (Over) Under	(207)	0	97,414	0
Use of Available Cash				

Glenbard Wastewater Authority CY2023 Total Budget				
	Actual	Budgeted	Estimated	Budgeting
	CY2021	CY2022	CY2022	CY2023
Operations & Maintenance	\$4,544,009	\$4,663,218	\$4,559,270	\$4,925,488
Capital Costs (Expenses & Debt Repayment)	\$3,458,416	\$7,820,119	\$5,542,960	\$12,307,769
TOTAL	\$8,002,425	\$12,483,337	\$10,102,230	\$17,233,256



Budget CY2023**Operations & Maintenance****Division 270****Expense Allocation to Partners****REVENUE**

		Actual CY2021	Budgeted CY2022	Estimated CY2022	Budgeting CY2023
Operation/Maintenance					
450010	Glen Ellyn Share - 40.21%	1,818,521	1,899,909	1,879,177	1,976,518
450015	Lombard Share - 59.79%	2,720,707	2,753,309	2,774,041	2,938,970
	Partners Allocation	4,539,228	4,653,218	4,653,218	4,915,488
	Interst Income - O&M Fund	4,573	10,000	3,466	10,000
	Misc. Revenue	0	0	0	0
	IRMA Reimbursement	0	0	0	0
DIVISION 270		4,543,802	4,663,218	4,656,684	4,925,488

NOTE: The flow splits used to calculate partner payments for CY2023 are as follows:

Flow Split for Glen Ellyn: 40.21%

Flow Split for Lombard 59.79%

(for 5 yrs. Average ending 12/31/21)

NOTE: The flow splits used to calculate partner payments for CY2022 are as follows:

Flow Split for Glen Ellyn: 40.83%

Flow Split for Lombard 59.17%

(for 5 yrs. Average ending 12/31/20)

NOTE: The flow splits used to calculate partner payments for CY2021 are as follows:

Flow Split for Glen Ellyn: 40.55%

Flow Split for Lombard 59.45%

(for 5 yrs. Average ending 12/31/19)

**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 (SRI)
- ~The South Regional Interceptor (NRI)

These interceptors end at a junction chamber that is located on the eastern property line. Once they have reached the junction chamber, one 60" sewer 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 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.

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.

Budget CY2023
Operations and Maintenance
Division 270
Expense Allocation to Partners

Footnotes

EXPENSES

		Actual CY2021	Budgeted CY2022	Estimated CY2022	Budgeting CY2023	% Difference CY22-CY23	\$ Difference CY22-CY23
Personnel Services							
510100	Salaries - Regular	1,473,629	1,530,000	1,335,927	1,530,000	0.0%	0
510110	Salaries - Part-Time Ops.	40,777	65,000	35,175	65,000	0.0%	0
510200	Salaries - Overtime	42,737	66,000	63,934	66,000	0.0%	0
510300	Salaries - Temporary/Seasonal	9,596	14,000	13,756	14,000	0.0%	0
510400	FICA	114,118	128,138	107,235	128,138	0.0%	0
510500	IMRF	127,702	109,326	92,261	67,511	-38.2%	(41,815)
	State Unemployment	0	0	0	0	0.0%	0
	Total	1,808,559	1,912,464	1,648,288	1,870,648	-2.2%	(41,815)
Contractual Services and Commodities							
520305	Employee Recognition	0	1,000	800	1,000	0.0%	0
520600	Dues/Subs./Fees	11,386	12,180	10,542	12,880	5.7%	700
520615	Recruiting/Testing	1,194	1,000	1,617	1,000	0.0%	0
520620	Employee Education	8,193	31,200	26,826	27,300	-12.5%	(3,900)
520625	Travel (Mileage)	0	300	120	300	0.0%	0
520700	Pro. Serv.-Lab Support	4,071	15,000	7,866	15,000	0.0%	0
520750	Legal Notices	285	1,000	416	1,000	0.0%	0
520775	Regulatory Fees	52,740	53,241	53,241	53,241	0.0%	0
520776	DuPage River Salt Creek Work Group Fee	33,973	35,164	35,164	36,218	3.0%	1,054
520806	Pro. Serv.-Lab Support	23,392	27,500	31,977	27,500	0.0%	0
520816	External Consulting Fees	13,331	20,000	29,548	30,000	50.0%	10,000
520825	Audit Fees / Pro. Serv. - Acct.	11,700	15,100	11,000	16,300	7.9%	1,200
520885	Insurance - Liability (MICA)	138,125	149,400	124,479	140,000	-6.3%	(9,400)
520893	Wellness/Health Incentives	600	0	0	0	0.0%	0
520895	Insurance - Health	268,108	264,500	224,931	260,000	-1.7%	(4,500)
520970	Maint. - Bldg. & Grds.	3,371	9,950	8,588	9,950	0.0%	0
520971	Bldg. & Grounds - Support	42,513	55,374	48,694	56,450	1.9%	1,076
520975	Maint. - Equipment	310,306	112,788	267,162	119,188	5.7%	6,400
520976	Maint. - Support	41,833	61,650	57,964	73,300	18.9%	11,650
520980	Maint. - Electronics	73,586	60,000	58,829	64,000	6.7%	4,000
520981	Elect. - Support	195,491	230,301	220,349	243,016	5.5%	12,715
520990	Operations - Supplies	6,778	11,100	9,990	17,100	54.1%	6,000
520991	Operations - Support	5,438	7,000	5,400	8,000	14.3%	1,000
521055	Professional Services - Other Support	537	4,000	2,000	4,000	0.0%	0
521130	Overhead Fees	137,316	139,238	139,238	148,428	6.6%	9,190
521150	Sludge Disposal - Land Applied	225,574	220,000	195,686	230,000	4.5%	10,000
521195	Telecommunications	29,695	30,600	29,233	34,600	13.1%	4,000
521201	Electric Power	440,798	350,000	508,315	450,000	28.6%	100,000
521202	Natural Gas	65,021	60,000	61,142	65,000	8.3%	5,000
521203	Water	19,801	20,000	19,164	20,000	0.0%	0
521204	Self-Gen Gas	6,033	5,000	6,825	6,000	20.0%	1,000
530100	Office Expenses	9,430	16,500	13,825	14,000	-15.2%	(2,500)
530106	Operating Supplies - Lab	14,417	17,500	15,474	17,500	0.0%	0
530107	Pretreatment Expenses	436	4,500	0	45,000	900.0%	40,500
530200	Administrative Purchases	0	1,000	800	1,000	0.0%	0
530225	Safety	24,611	27,300	21,869	26,100	-4.4%	(1,200)
530440	Chemicals	118,631	150,000	127,405	196,000	30.7%	46,000
530443	Liquid Oxygen	299,409	325,000	320,939	335,000	3.1%	10,000
530445	Uniforms	4,366	5,000	4,528	5,000	0.0%	0
	Total	2,642,488	2,550,386	2,701,945	2,810,371	10.2%	259,985
TOTAL DIVISION 270							
		4,451,047	4,462,850	4,350,233	4,681,020	4.9%	218,170

CY2023 DIVISION 270 O&M FOOTNOTES

(1) SALARIES (\$1,530,000):

This budget number includes salaries provided for seventeen (17) full-time staff members.

(2) SALARIES - PART-TIME OPERATORS (\$65,000):

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. Since roughly 1999 the Authority has used Part-Time Operators to provide operational inspections and 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 and are also paid at a lower part-time rate. This item is based on the equivalent of one (1) full time 40 hour per week employee.

(3) SALARIES – OVERTIME (\$66,000):

The Authority continues to trend overtime and manage this expense with best management practices in mind. Overtime costs are largely subject to unanticipated circumstances, such as weather, equipment breakdowns, and other unforeseen items.

(4) SALARIES – TEMPORARY/SEASONAL:

This budget number includes 2 seasonal workers, 1 part-time laborer, and temporary administrative assistance for when the Executive Assistant is absent.

(5) EMPLOYEE EDUCATION (\$27,300):

The employee education budget includes costs for attendance at seminars, conferences, and other educational courses – and includes travel costs and reimbursements. In addition to encouraging staff to receive continuing education, in 2019 the Illinois Environmental Protection Agency revised the requirements for Wastewater Operators to maintain their licenses, and now require continuing education, therefore we know staff will need to attend more events in order to keep their status current. Also, in CY23 WEFTEC will be in Chicago instead of New Orleans (every other year rotation), therefore, less costs are associated with attendance.

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

This item had a \$5,000 decrease in CY2022 and is used for legal needs regarding projects and contract reviews, lease agreements, access, and all other legal consultation. This item was increased for CY2021 due to the anticipated need for additional legal services in relation to the Facility Improvements Project,

therefore, it had been lowered back down to its traditional amount starting in CY22.

(7) DUPAGE RIVER SALT CREEK WORK GROUP (\$36,218):

The increase in the work group dues is a direct correlation to the support we provide as members to keep the administrative functions in tact as the Authority continues to collaborate with the IEPA with regards to its NPDES permits. 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 costly implementation of nutrient discharge limits at treatment plants 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. The IEPA has granted the Authority with almost three full permit cycles (13 years) without impending NPDES limits for phosphorus, and plans to continue to negotiate at every continuing permit cycle to reach a goal of putting the nutrient requirements off until 2035.

(8) External Consulting Fees (\$30,000):

This item covers the cost to hire a consulting engineer for small specific tasks required to implement equipment changes, operational changes or general consultation. In CY2021 the amount was increased by \$5,000 due to the need for assistance to fulfill all the requirements mandated in the Authority's new NPDES permit issued towards the end of CY2021, however, those need will continue into CY2023. In addition, more funds are being budgeted in this account due to the Authority only having one engineer on staff, and therefore will have greater needs for consulting engineering services.

(9) AUDIT FEES (\$16,300):

The Audit fees for the Authority cover the cost of the Village of Glen Ellyn as the "Operating Agency" to hire a third-party financial firm to provide an audit of the CY2022 financials.

(10) INSURANCE LIABILITY (\$140,000):

This item represents the annual premium cost of the Authority's 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 CY2023 and an excess liability policy. This Line item is a 6.3% decrease over what was in the CY2022 budget. Liability insurance consists of 2/3's Workman Comp costs and 1/3 Property insurance costs.

(11) INSURANCE HEALTH (\$260,000):

Health care is provided through the Village of Glen Ellyn insurance plan. This line item reflects a \$4,500 decrease from the CY2022 budget number of \$264,500.

(12) MAINTENANCE SUPPORT (\$66,200):

This line item reflects work previously budgeted in the Maintenance-Contractual line item. This represents a \$4,550 increase from the CY2022 budget number of \$61,650, and is a result of material price and labor cost escalations.

(13) ELECTRICAL SUPPORT (\$243,251)

This line item reflects a 5.6% increase in CY2023 compared to CY2022 budget number of \$230,301. The increase is solely attributed to increased annual service charges from contractual services, mainly related to inflation.

(14) OVERHEAD FEES (\$148,428):

Overhead fees per the Intergovernmental Agreement (IGA) are based on the annually published CPI-U Chicago increase of 6.6% for the CY2023 budget. In 2015 the administrators for the member Villages reviewed the demands of the Authority regarding the Operating Agency's responsibility for oversight and felt that after three years (per the IGA) the review of workload allocation and the cost to support the Authority is acceptable until the next review due this year.

(15) SLUDGE DISPOSAL FEES (\$230,000):

Sludge disposal fees have been calculated based the bid price that was obtained in CY2021 for a 3-year contract, and estimated volume of sludge produced. Increased sludge production, coupled with a slightly higher price for hauling, has caused the budget number to increase over previous years. This cost includes the costs of hauling sludge off plant site daily in order to better mitigate odors. Due to potential force majeure circumstances, it is possible the unit price may increase due to hauling fees in general increasing.

(16) ELECTRIC POWER (\$350,000):

In CY2021 the Authority entered into a new four-year agreement with Direct Energy for a fixed fee of \$0.03958/kWh that took effect in February, 2022. Power consumption is directly impacted by wet weather conditions impacting our facilities. The Authority originally estimated this cost to be much lower (\$300,000) due to the potential electricity being produced by Combined Heat & Power (CHP) engine generators, however due the uncertainty of the co-digestion/HSW program, and its effect on the ability to generate more electricity, conservative numbers have been reinserted into the budget. The \$350,000 budget number for CY2023 remained the same from the previous year's budget number

(17) NATURAL GAS (\$65,000):

In CY2020 The Authority signed a three-year agreement which began in CY2021 (April 1) with Constellation Energy Services for a fixed fee of \$2.83 per dekatherm. This is a lightly higher cost than our previous contract, therefore, additional funds have been inserted into the budget

(18) CHEMICALS (\$196,000):

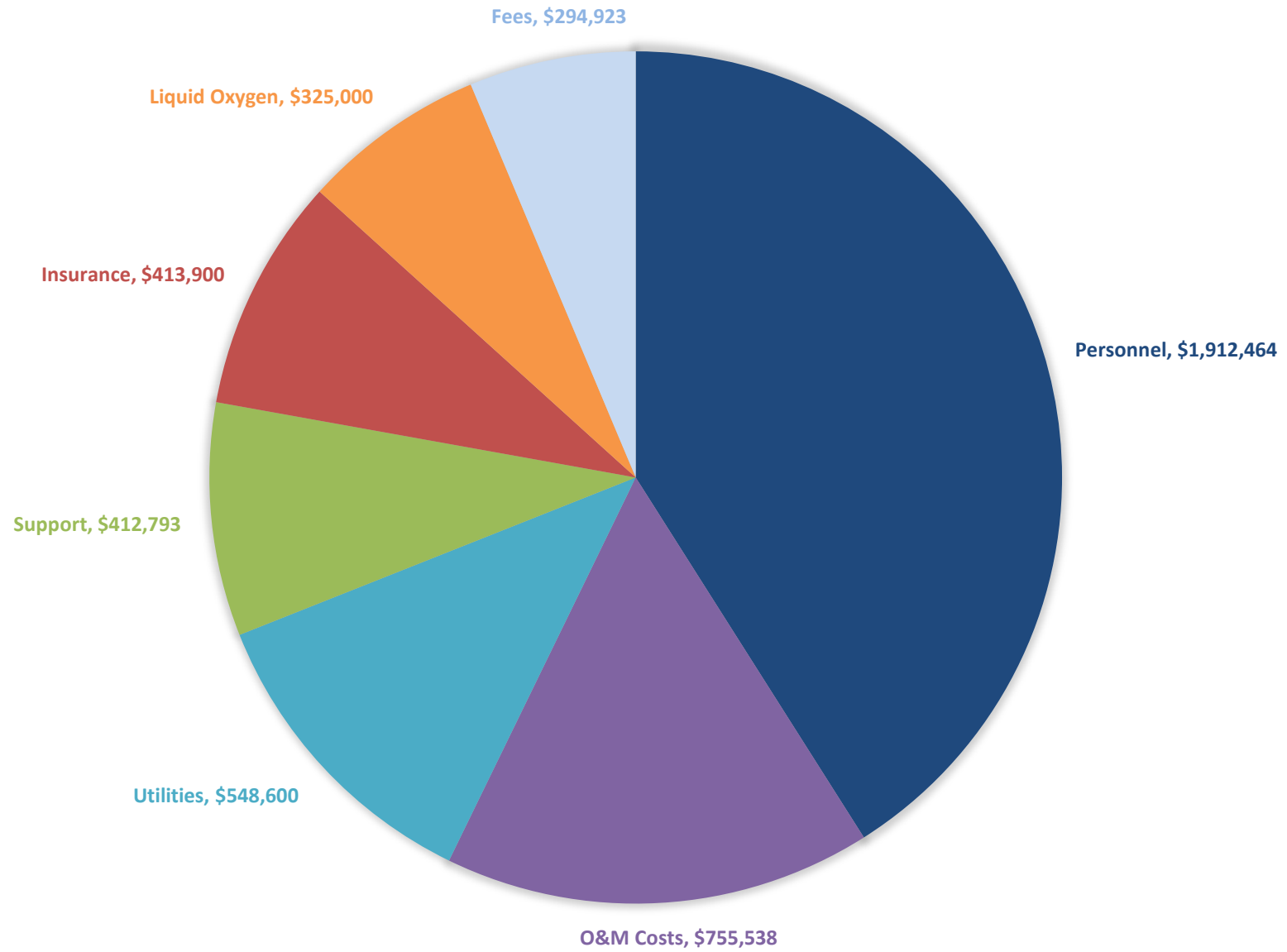
Chemicals used in the daily operation of the plant are included in this section at expected levels consistent with our recent history. Different chemicals are used for sludge dewatering, odor control, acid wash, and mineral deposition throughout the plant. Polymer production costs continue to increase annually due to the product being petroleum based. A Hypochlorite (bleach) system for

worker safety was added as part of the 2017 Facility Improvement Project, and implemented in CY2021, which have significantly increased the budget for chemical costs. In addition, the costs for chlorine have increased considerably due to the nationwide shortage of chlorine. Due to the increased costs in both petroleum, resulting in higher shipping costs and certain chemical costs, as well as the continued increase in chlorine costs – this budget center has increased significantly. The Authority also began dosing hydrogen peroxide into the influent stream in order to aid in odor mitigation efforts. The addition of the peroxide has been highly successful, but has also contributed to an increase in chemical costs.

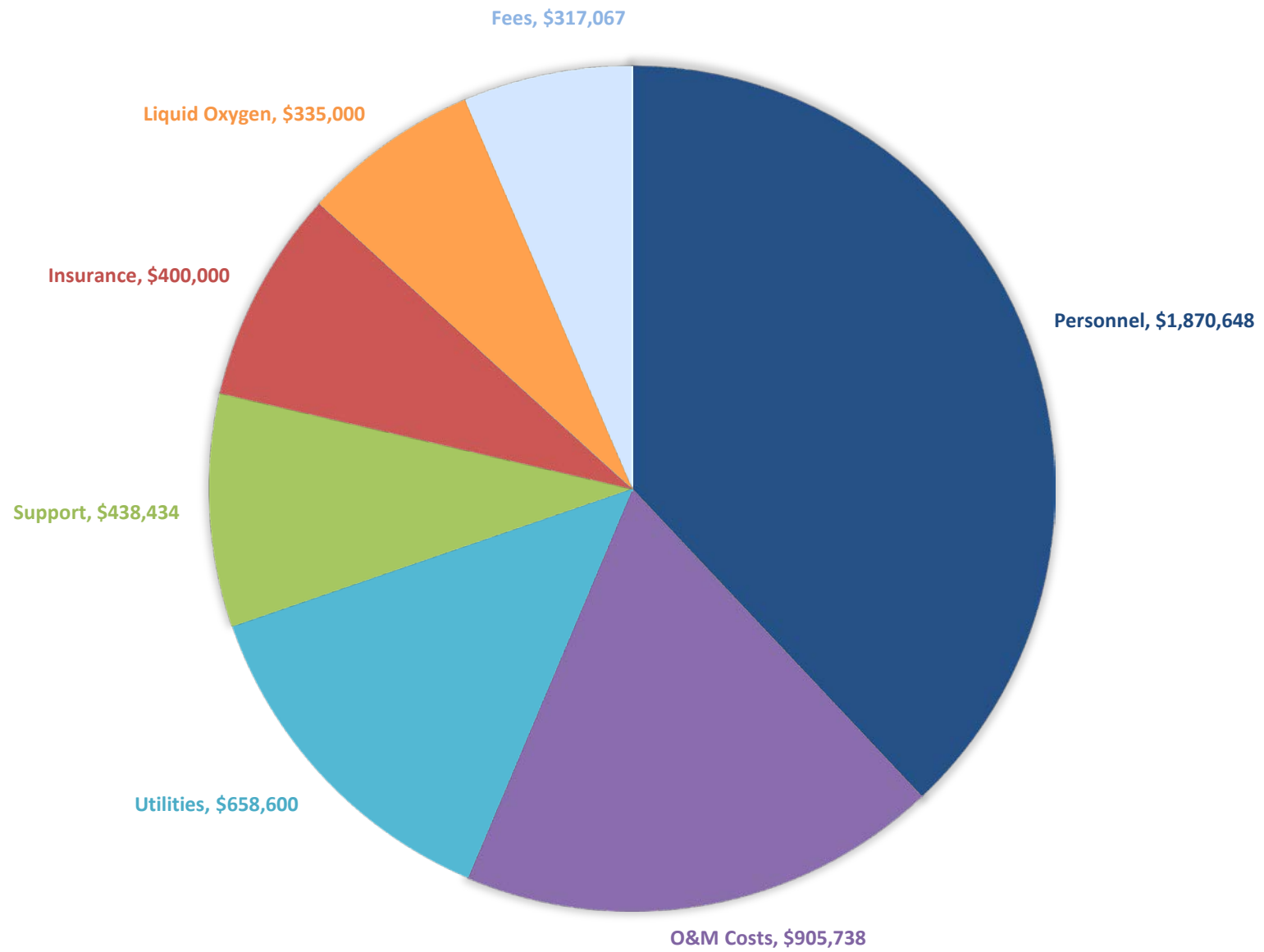
(19) Liquid Oxygen (\$335,000)

In CY2018 the Authority began to haul in pure oxygen from an outside provider. The transition to hauling it from an outside provider has allowed the Authority to start using less energy, while still operating the high purity oxygen system, and gave the ability to fine tune operations prior to converting to a biological nutrient removal process. Performing the transition could avoid shocks to the biological components of the overall treatment process as a result of moving directly from High Purity Oxygen (HPO) Activated Sludge process to Biological Nutrient Removal (BNR). The transition to liquid hauling also consumes less staff time since the cryogenic plant is no longer in operation. Traditionally, this number would decrease as a result of trying to refine actual numbers based on historical usage. However, the Authority's existing contract for supply of liquid oxygen expired in CY2022 and was rebid. The unit price came in higher, however, the Authority is now able to avoid unforeseen fees attached to invoices, such as delivery charges for off-hours and fuel surcharges. Coupled with the ability to reduce usage, along with higher material prices, this budget center is predicted to remain relatively stable into CY2023.

CY2022 O&M EXPENSES



CY2023 O&M EXPENSES



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 58 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 CY2023

EXPENSES

Operations & Maintenance

Division 270-1

Stormwater Plant & Hill Avenue Lift Station

		Actual CY2021	Budgeted CY2022	Estimated CY2022	Budgeting CY2023	% Difference CY22-CY23	\$ Difference CY22-CY23
Operations & Maintenance							
520775	Regulatory Fees	20,000	20,000	0	20,000	0.0%	0
520970	Maint. - Bldgs. & Grnds. / Support	6,471	10,768	8,864	9,968	-7.4%	(800)
520975	Maint. - Equipment	1,694	5,200	1,243	6,700	28.8%	1,500
520980	Maint. - Electronics	350	2,000	1,357	2,250	12.5%	250
521201	Electric Power	20,509	38,000	40,850	38,000	0.0%	0
521202	Natural Gas	4,431	5,000	4,581	5,000	0.0%	0
521203	Water	1,042	5,000	3,600	5,000	0.0%	0
530105	Operations Supplies	137	1,000	835	1,000	0.0%	0
Commodities							0
530440	Chemicals	6,847	60,000	90,406	100,000	66.7%	40,000
Total 270-1		61,482	146,968	151,737	187,918	27.9%	40,950

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

The North Regional Interceptor (NRI) 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 sewer 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 collection systems from both member 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 sewers 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 average 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 receives flow from the Village of Glen Ellyn and the DuPage County sanitary sewer systems. Flows range from 2 million gallons per day (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 CY2023
Operations & Maintenance
270-2
NRI / St. Charles Road L.S.

EXPENSES

		Actual CY2021	Budgeted CY2022	Estimated CY2022	Budgeting CY2023	% Difference CY22-CY23	\$ Difference CY22-CY23
St. Charles Rd. Lift Station							
520970 SC	Maint. - Bldg. & Grnds.	104	950	823	950	0.0%	0
520975 SC	Maint - Equipment	2,325	8,500	6,770	10,100	18.8%	1,600
520980 SC	Maint. - Electronics	1,912	1,500	1,298	1,800	20.0%	300
521201 SC	Electric Power	14,683	20,000	23,689	20,000	0.0%	0
Total		19,023	30,950	32,580	32,850	6.1%	1,900
North Regional Interceptor							
520970 NRI	Maint. - Piping & Grnds.	104	0	0	0	#DIV/0!	0
Total		104	0	0	0	#DIV/0!	0
Total 270-2		19,127	30,950	32,580	32,850	6.1%	1,900

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 .5 mile gravity sewer that flows into the SRI Pump Station. Through the 1.5 miles the pipe diameter changes from 18" to 30" as three additional sewers enter the SRI. 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" sewer line to the Glenbard Plant. 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.

The Valley View Lift Station was completely rebuilt during short year 2014 and a portion of calendar year 2015. The project included building a new wet well, valve vault, emergency by-pass pumping capabilities, a new control building that includes a control room, a new generator, and a utility closet. The project also addressed stormwater retention, low cost site maintenance, and site security. The total project cost for the station was \$1,945,190 which is \$32,622 less than the bid award. This project was designed and built with budgeted Capital Improvements Funds.

Budget CY2023
Operations & Maintenance
270-3
SRI / Valley View L.S.

EXPENSES

		Actual CY2021	Budgeted CY2022	Estimated CY2022	Budgeting CY2023	% Difference CY22-CY23	\$ Difference CY22-CY23
Valley View Lift Station							
520970 VV	Bldg. & Grnds. Support	104	1,200	8,076	1,200	0.0%	0
520975 VV	Maint. - Equipment	3,828	5,750	4,153	6,500	13.0%	750
520980 VV	Maint. - Electronics	0	500	435	1,000	100.0%	500
521201 VV	Electric Power	6,831	13,000	10,669	13,000	0.0%	0
521203 VV	Water	1,486	2,000	1,387	2,000	0.0%	0
Total		12,249	22,450	24,720	23,700	5.6%	1,250
South Regional Interceptor							
520970	Maint. - Piping & Grnds.	104	0	0	0	#DIV/0!	0
Total		104	0	0	0	#DIV/0!	0
Total 270-3		12,353	22,450	24,720	23,700	5.6%	1,250

Capital

GLENBARD WASTEWATER AUTHORITY FUND 40 CAPITAL PLAN

		Foot notes																					
REVENUE in Thousands \$		CY(2022)	CY(2023)	CY(2024)	CY(2025)	CY(2026)	CY(2027)	CY(2028)	CY(2029)	CY(2030)	CY(2031)	CY(2032)	CY(2033)	CY(2034)	CY(2035)	CY(2036)	CY(2037)	CY(2038)	CY(2039)	CY(2040)	CY(2041)	CY(2042)	CY(2043)
		Estimated	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning
Proceeds from Borrowing	1	1392	6000			2300	4800	5000		30000	0	0	0	0	0	0	0	0	0	0	0	0	0
Investment Income		20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Glen Ellyn Conn Fees		25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Lombard Conn Fees		56	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Demand Response Program	2	26	26	27																			
Leachate Revenue	3	60	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
Fats Oil & Grease (FOG) / Industrial Waste Tipping Fees	4	150	100	100	100	100	100	100	100	100	100	100	100	100	100								
Cell Tower Revenue	5	64	67	71	76	80	85	90	96	101	107	114	121	128	136	144	152	162	171	182	192	204	216
Operating Surplus Transfers	6	155	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Pretreatment Fines		0	0																				
Renewable Energy Credits		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
Misc. Revenue		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Capital Fund Contribution - Glen Ellyn		1687	1692	1705	1722	1739	1757	1774	1792	1810	1828	1846	1865	1883	1902	1921	1940	1960	1979	1999	2019	2039	2060
Capital Fund Contribution - Lombard		2027	2059	2084	2105	2126	2147	2169	2190	2212	2234	2257	2279	2302	2325	2348	2372	2395	2419	2444	2468	2493	2518
Total Capital Fund Contribution	7	3714	3751	3789	3827	3865	3904	3943	3982	4022	4062	4103	4144	4185	4227	4269	4312	4355	4399	4443	4487	4532	4577
TOTAL REVENUE		5693	10138	4180	4196	6538	9082	9326	4371	34416	4463	4510	4558	4606	4656	4606	4658	4710	4763	4817	4873	4929	4987
EXPENSES in Thousands \$		CY(2022)	CY(2023)	CY(2024)	CY(2025)	CY(2026)	CY(2027)	CY(2028)	CY(2029)	CY(2030)	CY(2031)	CY(2032)	CY(2033)	CY(2034)	CY(2035)	CY(2036)	CY(2037)	CY(2038)	CY(2039)	CY(2040)	CY(2041)	CY(2042)	CY(2043)
Debt Service Payments:		Estimated	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning	Planning
Ana Digester Project Debt Payment (P&I)	8	637	637	637	319			293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293
Final Clarifier Project Debt Payment (P&I)								293	293	293	293	293	293	293	293	293	293	293	293	293	293	293	293
Biosolids Project Debt Payment (P&I)	9	16	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142
Primary Clarifier Project Debt Payment (P&I)				343	343	343	343	343	343	343	343	343	343	343	343	343	343	343	343	343	343	343	343
Chem P Debt Payment (P&I)							147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147
CSO Plant Rehab Debt Payment (P&I)								305	305	305	305	305	305	305	305	305	305	305	305	305	305	305	305
Biological Nutrient Removal Debt Payment (P&I)											1915	1915	1915	1915	1915	1915	1915	1915	1915	1915	1915	1915	1915
FIP Debt Payment Actual (P&I)	10	1022	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021
Debt Service Payment Subtotal		1676	1800	2143	1825	1506	1653	1946	2251	2251	4166	4166	4166	4166	4166	4166	4166	4166	4166	4166	3145	3145	3145
Debt Service Subtotal		1676	1800	2143	1825	1506	1653	1946	2251	2251	4166	4166	4166	4166	4166	4166	4166	4166	4166	4166	3145	3145	3145
Capital Improvements																							
Property Acquisition		0	550																				
Capital Improvement Projects																							
Vehicle and Equipment Replacement	11	0	313	161	33	208	82	130	130	130	130	130	130	183	130	130	62	130	130	130	130	130	49
Small Capital Projects	12	516	325	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Infrastructure Improvements	13	56	109	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Roof Replacements - Updated based on Repl. Schedule	14	247	0	0	133	212	259	100	80	53	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant Equipment Rehabilitation	15	229	571	1060	200	600	600	600	600	200	600	600	600	600	200	600	600	600	600	200	600	600	600
Atomospheric Vaporizer Lease	16	20	20	20	20	20	20	20	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0
MCC Replacements	17	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140
PLC Replacements - Campus Wide	18	40	40	40	40	40	40	40	40	40	40	40	40	40	40	300	40	40	40	40	40	40	40
Unox Deck Replacements*	19	100	100	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0
DuPage River Salt Creek Work Group Assmt for Watershed Projects	20	289	260	260	260																		
Electric Service Distribution System Rehabilitation Project																							
Engineering		0	0																				
Construction		500	0																				
RAS Pump Station Rehabilitation*		79	0																				
Biosolids Dewatering Improvement Project																							
Engineering		17	0																				
Construction		1392	0																				
Primary Clarifier & Gravity Thickener Improvements Project	21																						
Engineering		243	600																				
Construction		0	6,000																				
Electronic O&M Manuals	22		380																				
Bemis Road, Administrative Parking Lot Improvements, and Plant/CSO Resurfacing	23		1100																				
Facility Plan				200				200						200					200				
RAS Mag Meter Replacement*				60																			
Primary Sludge Direct Digester Feed				400																			
Collection System Televising					350					350					350					350			
South Sludge Lagoon Cleanout					200																		
Grit Washer #1 and Grit Blower Flow Meter Replacement*					225																		
Grit Washer #2 and Effluent Meter Replacement*					225																		
Intermediate Clarifier Rehabilitation						1200																	
Intermediate Pumping Station Rehabilitation						1900																	
Chemical Phosphorus Removal (1.0 mg/L)						2300																	
Final Clarifier Rehabilitation							4800																
CSO Plant Rehab, Barscreen & Grit Collection System Upgrade								5000															
Carbo RAS Meter & Final Clarifier RAS Waste Pump VFD Replacement*								210															
Grit Removal Chamber #1 Replacement*									225														
Grit Removal Chamber #2 & Blower Replacement*									345														
Anticipated Future Projects per the 20 Year 2013 Facility Plan.																							
Biological Nutrient Removal										30000													
Project Total		3867	9958	2791	2276	7070	6391	6690	2235	31388	1260	1260	1260	1513	1210	1520	1192	1260	1460	1210	1260	1260	1179
IFT/DEBT SERVICES / PROJ TOTAL		5543	12308	4934	4101	8576	8044	8636	4486	33639	5426	5426	5426	5679	5376	5686	5358	5426	5626	5376	4405	4405	4324
Cash on Hand 1/1		4844	4994	2824	2071	2165	127	1165	1855	1740	2517	1554	638	(231)	(1303)	(2024)	(3103)	(3804)	(4520)	(5383)	(5942)	(5942)	(5474)
Gain/Loss FY		150	(2170)	(754)	95	(2038)	1038	690	(115)	777	(963)	(916)	(868)	(1073)	(720)	(1080)	(700)	(716)	(863)	(559)	468	524	663
Cash on Hand 12/31		4994	2824	2071	2165	127	1165	1855	1740	2517	1554	638	(231)	(1303)	(2024)	(3103)	(3804)	(4520)	(5383)	(5942)	(5474)	(5418)	(4811)

CY2023

FUND 40 CAPITAL FOOTNOTES

(1) **Proceeds From Borrowing (\$6,000,000):**

This line item depicts the borrowing in CY2023 to help fund the Primary Clarifier Rehabilitation Project. The total amount being requested to borrow is estimated to be \$6,000,000. The 20-year Debt payment is scheduled to begin in CY2024.

(2) **Demand Load Response Program (\$26,000)**

In CY2018 the EOC approved the Authority to enter into a Demand Load Response program. Since we have the ability to use the backup generators to remove ourselves from the power grid, the power companies ask that we remain available to do so in the event their demand is too high for any given period. For remaining available to do so we are granted some revenue. This is a 6-year program and will end in CY2023, at which point it may be renewed.

(3) **Leachate Revenue (\$17,000):**

For many years the Authority has been accepting leachate from Waste Management. Leachate is water drained from closed landfills, and is generally inert in nature. Historically, the Authority saw a revenue of anywhere between \$100,000 upwards some years to near \$200,000. Leachate flow is heavily dependent on rainfall, so if less than average precipitation amounts are experienced, there will be a decrease in leachate revenue, and likewise for higher amounts of rainfall. Unfortunately, over the course of 2022, the Authority has realized a significant decline in the amount of leachate being brought in. This is mostly related to hauling logistics, and that Waste Management has been building direct pipelines from closed landfills to wastewater treatment plants, all of which are closer geographically to the landfills than the Authority.

(4) **Fats Oil & Grease (FOG)/Industrial Waste Tipping Fees (\$100,000)**

In CY2016 upon the completion of the Combined Heat and Power Engines and the FOG receiving station, the EOC approved the acceptance of these materials in order to generate revenue (\$0.05/gallon). The program was put on a moratorium in August 2017 during a major biological upset, but was restarted again in April 2018 after thorough research into proper methods. Historically, \$75,000 had been budgeted for revenue, but as the program has grown so has revenue, allowing this budgetary number to be increased.

(5) Cell Tower Revenue (\$63,600):

In CY2016 the Authority and the Village of Glen Ellyn negotiated with TowerCo to build a new tower capable of accepting up to four carriers. The new tower was built in CY2017, and added Verizon as a carrier, therefore adding our anticipated revenue from leasing the land for the cellular tower. In CY2019 TowerCo/the Village allowed for T-Mobile to also be added, increasing the revenue from about \$53,000/year to \$75,000/year. However, T-Mobile still has yet to install their equipment, so the additional revenue has not been seen. There is no anticipated date for the equipment installation either, so a conservative number was chosen for this revenue item. This could be increased if an additional carrier signs onto the tower, as there is still room for one more carrier.

(6) Operating Surplus Transfers (\$155,452):

The EOC approved the audit reported CY2021 O&M surplus to be transferred to the Capital Fund 40 at the June 9, 2022 meeting.

(7) Capital Fund Contributions (\$3,751,377):

The Capital Improvement Fund 40 relies on dedicated contributions from both communities to support GWA capital expenses. Based on Facility Planning efforts during FY2013 and FY2014 the Capital Fund 40 will be increased annually based on project demands for an estimated 20 years. The current rate of increase for the Capital Fund is calculated at 1% annually which is a 1% increase compared to CY2022. Due to inflation, price material escalations, and other market factors – the contribution increase may need to be increased in the near future to account for future projects.

(8) Anaerobic Digester Improvement Project Debt Payment (\$637,001):

This is the principal and interest payment for the IEPA Loan utilized for the 2007-2013 installation of a new 80' digester at the Glenbard Plant. Also included in this project was some cleanup work from the BIP Project. The amount of the loan was \$7,543,026 to be paid back over fifteen (15) years at an interest rate of 2.5%. Substantial completion was awarded near the end of FY2011. Final Completion of the Anaerobic Digester Project was awarded in November 2013.

(9) Biosolids Dewatering Improvements Project Debt Payment (\$142,175):

This is the principal and interest payment for the IEPA Loan utilized for the 2021 Biosolids Dewatering Improvements Project. The amount of the loan was \$2,490,750 to be paid back over twenty years at an interest rate of 1.35%, however, only \$2,085,000 of the approved loan amount is expected to be used. Repayments are expected to start in early 2023.

(10) Facility Improvement (FIP) Debt Payment Actual (Principal & Interest) (\$1,020,863)

This is the principal and interest payment for the IEPA loan utilized for the 2016 Facility Improvement Project, which included the installation of new tertiary filters, a new raw pump station, and new plant utilities. The total amount of the loan to be paid back is \$16,725,000 to be paid back over 20 years at an interest rate of 1.75%. Substantial Completion of this project was achieved in July 2020.

(11) Rolling Stock (\$313,00):

GWA had budgeted to replace a F250 Pickup/Plow truck in CY2022, however, due to supply chain issues, the Authority was advised this purchase would not be possible – and is therefore deferred to CY2023. In addition, the Authority plans to replace its crane truck in CY2023, as the existing crane truck is nearing the end of its useful life, and it is a heavily used piece of equipment.

(12) Small Capital Improvements (\$325,000):

This cost center provides for small capital improvements, such as miscellaneous equipment, property demolition, small projects, materials and small projects.

(13) Infrastructure Improvements (\$109,000):

This cost center provides for various infrastructure improvements throughout the GWA Facilities, which would include underground work on various plant utilities.

(14) Roof Replacements (\$0):

This year GWA will be taking a hiatus on minor roofing replacements at the Glenbard Plant while we evaluate the updated plan for future needs.

(15) Plant Equipment Rehabilitation (\$570,730):

This cost center provides for various equipment rehabilitations throughout the GWA Facilities, such as work on sewers and lift stations, and rehabilitating existing equipment. Specifically, in CY2023, the Authority intends to perform some significant rehabilitation to its interceptors, as a considerable need for it was revealed in a recent study performed in CY2021

(16) Atmospheric Vaporizer Lease (\$20,000)

In CY2017 the Authority decommissioned its aging cryogenic plant that was used to create pure oxygen and begin hauling in liquid oxygen produced offsite. In order to meet the needs of this new process,

atmospheric vaporizers were leased, as it was determined more cost effective to lease them than purchase them.

(17) Motor Control Center (MCC) Replacements (\$140,000)

Sufficient replacement funds should be established to support the rehabilitation and replacement efforts necessary to ensure continued operation of all equipment onsite, and to maintain safe electrical equipment. Based on the estimated replacement costs provided in the facility plan, it is recommended that the Authority budget to replace all of the identified equipment over the next ten years. In addition, it is recommended that as part of each capital improvements project that the Authority completes that the MCC's identified be incorporated into the scope of the project. The overall budgeted values should then be updated based on the improvements that have been completed at the end of each year.

(18) Program Logic Controller (PLC) Replacements (\$40,000)

Sufficient replacement funds should be established to support the rehabilitation, repair, and replacement efforts necessary to ensure the continued future reliability of the aging instrumentation and control equipment, as well as to take advantage of new technology. Based on the estimated replacement costs provided, it is recommended that the Authority budget to replace all of the identified equipment over the next ten years. In addition, it is recommended that as part of each capital improvements project that the Authority completes that the PLC's identified be incorporated into the scope of the project. The overall budgeted values should then be updated based on the improvements that have been completed at the end of each year. Typically, the capital fund would designate \$130,000 per year for this item. However, after purchasing new PLC's and having them installed in CY2021 for a cost of \$216,000, this item has been lowered to \$40,000 per year in order to begin budgeting for future years.

(19) Unox Deck Replacements (\$100,000)

Due to the age and condition of the equipment and structures on the unox deck, the high cost of complete replacement, and the strong possibility of needing a new process due to future regulations – the facility plan recommended budgeting \$100,000 over until the anticipated plant upgrade in order to anticipate various replacements for failed equipment and rehabilitation of structures.

(20) DuPage River Salt Creek Work Group (\$259,999):

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 overly stringent 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. The IEPA has granted the Authority with first of two potential permit cycles (10) years without impending NPDES limits for phosphorus. If the Authority fails to support the assessed fees as agreed to per the commitment agreement with the DRSCWG we may be facing a phosphorus limit as low as .1 mg/l versus a 1.0 mg/l. In CY2021, the EOC approved entering into an additional 3 years of this special assessment from the workgroup to continue avoiding regulations related to phosphorus

(21) Primary Clarifier Improvements Project Engineering & Construction (Phase 1 & 2) (\$600,000 and \$6,000,000)

This project consists of three separate projects that were broken down individually in previous budgets (Primary Clarifier Improvements, Primary Grit Odor Control Improvements [Phase 1 & 2], and Gravity Thickener Improvements. These projects were combined due to an economy of scale due to their adjacent locations within the plant, and similar scope of work. Below are individual descriptions of the projects that are now combined into one:

As part of the 2018 Facility Plan, a comprehensive Odor study was performed, with one of the recommendations being to construct additional odor control measures at the preliminary treatment processes. Preliminary treatment processes are typically major sources of odor emissions for liquid stream treatment, and generally consist of raw sewage pumps, grit removal, and screening. GWA has two separate facilities for raw sewage pumping, screening, and grit removal. The majority of the raw sewage pumping and screening is contained. Additionally, the grit building had the HVAC system replaced as part of the Facilities Improvements Project. The recommendation in the Facility Plan was a two phased approach, in which the first phase would be to install primary clarifier launder covers, which essentially cover the areas of the primary tanks that emit the greatest odors. Phase two proposed to install a complex system that would draw the air out from under those covers, and treat it in a biological system that would remove the odorous components of the air. However, phase two was a multi-million-dollar effort, and due to other recent improvements, it may no longer be necessary. Therefore, at this time, the Authority is planning to move forward with phase one, which will require outside consultant engineering to assist in design, and a public bidding process for installation. If the

phase one improvements do not prove to be completely successful for mitigating odors, the Authority can evaluate moving into phase two.

Also as part of the 2018 Facility Plan, recommendations were put together to continually plan to replace existing equipment as it exceeds its recommended useful life. Although existing equipment may still be functional, as it passes the age of its recommended useful life, it is prone to failure. If failure occurs, the Authority could be at risk of violating its permit, or having to perform emergency repairs that may be more costly. In 2022, the plan calls out to rehabilitate the Gravity Sludge Thickener. Portions of the work would be performed in-house, and would consist of evaluating the purchase of a new cover, replacing the collector, the drive, and motor. A breakdown of the individual equipment costs is located in the facility plan.

Primary treatment at the GAWTF includes two circular primary sedimentation tanks which perform solids and organic removal prior to biological treatment. Effluent from these clarifiers is combined with RAS from the intermediate clarifiers and split between the carbonaceous stage of the secondary treatment process. Primary sludge is pumped from the bottom of the clarifiers to the gravity sludge thickener. Scum is skimmed from the top of the primary clarifiers and is discharged via scum pots to a Lakeside wedge wire scum screen before being disposed of in the landfill. All gates at the primary diversion structure are original to construction of the plant. Due to the age of the equipment, a capital replacement project has been developed for the primary clarifier mechanisms, primary sludge pumping equipment, associated electrical work, as well as general site work. The complexity of the design of these improvements will require an outside design consultant, and some assistance with construction engineering. Since this work would be located in the same vicinity as the Primary Grit Odor Control Improvement, these two projects would be tied together for economy of scale.

Budget CY2023
Glenbard Treatment Facility
Fund 40 Capital Plan
Capital Improvements Detail

	Estimated CY2022	Budgeting CY2023
PROCEEDS FROM BORROWING	1,391,855	4,000,000
INVESTMENT INCOME	20,000	20,000
CONNECTION FEES - GLEN ELLYN	25,000	25,000
CONNECTION FEES - LOMBARD	56,000	50,000
ENERNOC DEMAND RESPONSE PROGRAM	26,000	26,000
LEACHATE REVENUE	60,000	17,000
FATS OIL & GREASE (FOG) / INDUSTRIAL WASTE TIPPING FEES	150,000	100,000
CELL TOWER REVENUE	63,600	67,416
OPERATING SURPLUS TRANSFERS	155,452	50,000
PRETREATMENT FINES	0	0
RENEWABLE ENERGY CREDITS	30,000	30,000
MISCELLANEOUS REVENUE	1,000	1,000
EQUIPMENT REPLACEMENT FUND		
	GLEN ELLYN - 45.11%	1,686,820
	LOMBARD - 54.89%	2,027,415
REVENUES TOTAL:	5,693,142	8,137,793
PRINCIPAL & INTEREST:		
IEPA FIP PRINCIPAL	749,300	762,470
IEPA FIP INTEREST	273,169	258,393
IEPA BIOSOLIDS PRINCIPAL	11,183	109,224
IEPA BIOSOLIDS INTEREST	4,931	32,951
IEPA DIGESTER PRINCIPAL	587,599	602,381
IEPA DIGESTER INTEREST	49,402	34,621
PRINCIPAL & INTEREST TOTALS:	1,675,583	1,800,040
CAPITAL IMPROVEMENTS		
PROPERTY ACQUISITION		
SPENT/ESTIMATED TO SPEND	0	550,000
CAPITAL IMPROVEMENT PROJECTS		
VEHICLE AND EQUIPMENT REPLACEMENT	0	313,000
SMALL CAPITAL PROJECTS	516,103	325,000
INFRASTRUCTURE UPGRADES	55,500	109,000
ROOF REPLACEMENTS	247,185	0
PLANT EQUIPMENT REHABILITATION	229,000	570,730
CRYO MAINTENANCE/ATMOSPHERIC VAPORIZER PURCHASE OR LEASE	20,000	20,000
MCC REPLACEMENTS	140,000	140,000
PLC REPLACEMENTS	40,000	40,000
UNOX DECK REPLACEMENTS	100,000	100,000
DUPAGE RIVER SALT CREEK WORKGROUP ASSESSMENT	288,888	259,999
ELECTRONIC O&M MANUALS	0	380,000
ADMINISTRATION PARKING LOT AND PLANT (MAIN & CSO) RESURFACING	0	1,100,000
PRIMARY CLARIFIER & GRAVITY THICKENER REHABILITATION ENGINEERING	243,000	600,000
PRIMARY CLARIFIER & GRAVITY THICKENER REHABILITATION CONSTRUCTION	0	6,000,000
RAS PUMP STATION REHABILITATION	78,889	0
BIOSOLIDS DEWATERING EQUIPMENT REPLACEMENT ENGINEERING	17,284	0
BIOSOLIDS DEWATERING EQUIPMENT REPLACEMENT CONSTRUCTION	1,391,855	0
ELECTRIC SERVICE DISTRIBUTION SYSTEM REHABILITATION PROJECT CON. ENG	0	0
ELECTRIC SERVICE DISTRIBUTION SYSTEM REHABILITATION PROJECT	499,673	0
CAPITAL IMPROVEMENTS TOTALS:	3,867,377	9,957,729
PRINCIPAL & INTEREST / CAPITAL IMPROVEMENTS TOTALS	5,542,960	12,307,769

**Glenbard Wastewater Authority
CY2023 Small Capital Improvement
40 580120**

Designation	Recommendations	CY22 Budgeted	CY22 Estimated	CY23 Budgeting
	Miscellaneous Office Furniture Upgrades	2,000	2,000	2,000
	Property Demolition	60,000	38,650	0
	Solar Feasibility Study	0	0	30,000
	Interior LED Lighting	0	0	30,000
	Health & Wellness- Exercise Equipment Upgrades	1,000	1,000	1,000
	Software Upgrades (OS & Application)	6,000	5,000	6,000
	Workstation Replacements SCADA & LAN	2,000	2,000	2,000
	Generator Battery Replacement	10,000	0	0
	UPS Battery Replacement	10,000	0	0
	CNC Machine	20,000	0	0
	Metal Cutting Bandsaw	15,000	15,000	0
	Final RAS Header Repair	0	139,953	0
	Grinder Exchange Program	25,000	25,000	25,000
	Metal Stock and Metal for Various Projects	5,000	5,000	5,000
	PVC Pipe, Fittings and Valves	5,000	5,000	5,000
	Combined Heat & Power Spare Parts	10,000	10,000	10,000
	Screw Pump - Lower Bearing Replacement	10,000	0	10,000
	Property Boundary Landscape Clearing/Improvements	8,000	0	8,000
	Rehabilitate/Replace Instrument Air Compressor	60,000	0	60,000
	Acquired Property Fence Line	53,000	53,000	0
	UVT Study	15,000	24,000	0
	Fire Alarm System Upgrade	235,000	190,500	0
	Admin HVAC Humidity Fix	20,000	0	20,000
	UNOX LEL Monitoring Equipment Replacement	0	0	20,000
	UHF Two-Way Radio/Battery Replacement	0	0	20,000
	Arc Flash Protectice Suit/Headgear/Gloves	0	0	5,000
	FOG Feed and Digester Transfer Flow Meter Replacement	0	0	20,000
	UV System Toriodal Transformers		0	40,000
	Miscellaneous Laboratory Equipment	6,000	0	6,000
	Grand Total	\$578,000	\$516,103	\$325,000

Glenbard Wastewater Authority
CY2023 Infrastructure Improvement
40 580140

Designation	Recommendations	CY22 Budgeted	CY22 Estimated	CY23 Budgeting
	Campus Surveillance System Design	20,000	0	20,000
	Campus Surveillance System Installation	0	0	50,000
	Remote Sites Cellular Radio Replacement	40,500	40,500	0
	Cisco 2911 Integrated Services Router Replacement	5,000	5,000	0
	Distribution System PM/Testing Development	15,000	0	15,000
	Routine Interior Painting (see schedule)	20,000	0	24,000
	Roof Replacement Consulting	10,000	10,000	0
	Grand Total	\$110,500	\$55,500	\$109,000

**Glenbard Wastewater Authority
CY2023 Plant Equipment Rehabilitation
40 580150**

Designation	Recommendations	CY22 Budgeted	CY22 Estimated	CY23 Budgeting
Glenbard Plant	Moyno Pumps Spare Parts (Total of 10 Moyno Pumps)	25,000	20,000	25,000
	Annual Collection System Rehabilitation Funding (Televising, Repairs, etc.)	350,000	45,000	310,730
	Collection System Rehabilitaiton Engineering	55,000	77,000	50,000
	Digester Condensate Drain Replacement	15,000	0	0
	Digester Cleaning	0	0	70,000
	Digester Mixing Pump Rebuild	15,000	0	0
	Primary Check Valve Replacement	10,000	0	0
	Siloxane and Hydrogen Sulfide Media Replacement	100,000	82,000	100,000
	Grit Chamber Rehabilitation - Steel, Redwood, Chain & Sprockets	5,000	5,000	5,000
	Concrete Lining System	10,000	0	10,000
	Annual Lift Station Rehabilitation Funding	50,000	0	0
Grand Total		\$635,000	\$229,000	\$570,730

CY2023

GLENBARD WASTEWATER AUTHORITY EQUIPMENT REPLACEMENT FUND

FUND 40		Actual CY21 Bdgt	Approved CY22 Bdgt	Estimated CY22 Bdgt	Budgeting CY23 Bdgt
5966	Equipment Replacement Flow Split - Total = Half of the Whole	1,838,730	1,857,118	1,857,118	1,875,689
	* Glen Ellyn Flow Split - 40.21%	745,605	758,261	758,261	754,214
	* Lombard Flow Split - 59.79%	1,093,125	1,098,856	1,098,856	1,121,474
	Equipment Replacement Split in Equity - Total = Half of the Whole	1,838,730	1,857,118	1,838,730	1,875,689
	Glen Ellyn Flow Split - 50%	919,365	928,559	928,559	937,844
	Lombard Flow Split - 50%	919,365	928,559	928,559	937,844
	Total	3,677,461	3,714,235	3,695,848	3,751,377

	Total Contributions			Percentage by Contribution
Total Glen Ellyn Equipment Replacement Fund Contribution:	1,664,970	1,686,820	1,686,820	45.11%
Total Lombard Equipment Replacement Fund Contribution:	2,012,490	2,027,415	2,027,415	54.90%

* Indicates Current 5 Year Avg. Flow Split for CY2023

**Calendar Year 2022
Position Classification**

	Salary Range	CY 19	CY 20	CY 21	CY 22	CY 23
ADMINISTRATION						
Executive Director	S	1	1	1	1	1
Assistant Executive Director	Q	1	1	1	1	1
Enviromental Resources Coordinator	I	1	1	1	1	1
Seasonal FTE = .25	D	1	1	1	2	2
Administrative Secretary	F	1	1	1	1	1
FT Employee Totals		4	4	4	4	4
PT Employee Totals		1	1	1	0	0.5
FTE Totals		4.25	4.25	4.25	4.5	4.5
Operations						
Operations Superintendent	N	1	1	1	1	1
Lead Operator	K	N/A	N/A	N/A	N/A	1
Plant Operator I	I	2	2	3	1	1
Plant Operator II	H	0	0	0	0	0
Plant Operator III	G	0	0	0	0	0
Plant Operator IV	F	2	2	1	3	2
Operator-in-Training	E	0	0	0	0	1
Operator PT - FTE = 1.0	E	5	5	5	5	5
Laboratory Services Coordinator	K	N/A	1	1	1	1
Wastewater Laboratory Technician	I	1	0	0	0	0
PT Laborer - FTE = .50	D	1	1	1	1	1
FT Employee Totals		6	6	6	6	6
PT Employee Totals		6	6	6	6	6
FTE Totals		7.5	7.5	7.5	7.5	7.5
MECHANICAL MAINTENANCE						
Mechanical Maintenance Superintendent	N	1	1	1	1	1
Maintenance Mechanic I	I	1	1	1	1	1
Maintenance Mechanic II	G	2	1	1	1	2
Maintenance Mechanic III	F	0	1	1	1	0
FT Employee Totals		4	4	4	4	4
PT Employee Totals		0	0	0	0	0
FTE Totals		4	4	4	4	4
ELECTRICAL MAINTENANCE						
Electrical Superintendent	N	1	1	1	1	1
Electronic Technician	J	1	1	1	1	1
Plant Electrician	J	1	1	1	1	1
FT Employee Totals		3	3	3	3	3
PT Employee Totals		0	0	0	0	0
FTE Totals		3	3	3	3	3
TOTAL OF ALL CATEGORIES						
Total Full Time Employees		17	17	17	17	17
Total PT/Seasonal Employees		7	7	7	6	6.5
Total Full Time Equivalent (FTE)		18.75	18.75	18.75	19	19

Glenbard Wastewater Authority
Salary Schedule - January 1, 2023 through December 31, 2023

Range	Annualized			Hourly		
	Min	Mid	Max	Min	Mid	Max
CY22 Salary Schedule Adjustment = ??% Increase to Salary Ranges from CY21						
A	38,408	48,377	58,323	18.47	23.26	28.04
B	40,284	50,773	61,240	19.37	24.41	29.44
C	42,318	53,350	64,382	20.35	25.65	30.95
D	44,421	55,972	67,524	21.36	26.91	32.46
E	46,659	58,821	70,983	22.43	28.28	34.13
F	49,010	61,782	74,554	23.56	29.70	35.84
G	51,496	64,879	78,262	24.76	31.19	37.63
H	54,073	68,134	82,173	26.00	32.76	39.51
I	56,764	71,548	86,310	27.29	34.40	41.49
J	59,567	75,074	90,582	28.64	36.09	43.55
K	62,573	78,872	95,171	30.08	37.92	45.76
L	65,738	82,806	99,873	31.60	39.81	48.02
M	68,971	86,897	104,801	33.16	41.78	50.39
N	72,430	91,238	110,046	34.82	43.86	52.91
O	76,137	95,962	115,788	36.60	46.14	55.67
P	79,935	100,710	121,484	38.43	48.42	58.41
Q	83,846	105,638	127,430	40.31	50.79	61.26
R	88,118	111,041	133,940	42.36	53.38	64.39
S	92,504	116,579	140,632	44.47	56.05	67.61

TABLE 1. TOTAL WASTEWATER FLOWS AND PERCENTAGES FOR CY2022 BUDGET

	MONTH	TOTAL FLOW MILLION GALS (MG)	GLEN ELLYN FLOW (MG)	PERCENT OF TOTAL	LOMBARD FLOW (MG)	PERCENT OF TOTAL
Y e a r O n e	Jan-17	384.403	156.180	40.63%	228.223	59.37%
	Feb-17	283.491	121.309	42.79%	162.182	57.21%
	Mar-17	428.291	163.067	38.07%	265.224	61.93%
	Apr-17	498.452	192.400	38.60%	306.052	61.40%
	May-17	524.012	218.211	41.64%	305.801	58.36%
	Jun-17	309.589	115.265	37.23%	194.324	62.77%
	Jul-17	313.630	112.004	35.71%	201.626	64.29%
	Aug-17	228.498	84.021	36.77%	144.477	63.23%
	Sep-17	201.378	75.029	37.26%	126.349	62.74%
	Oct-17	577.263	187.698	32.52%	389.565	67.48%
	Nov-17	391.068	136.452	34.89%	254.616	65.11%
	Dec-17	276.902	94.246	34.04%	182.656	65.96%
Y e a r T w o	Jan-18	381.492	122.602	32.14%	258.890	67.86%
	Feb-18	502.867	175.046	34.81%	327.821	65.19%
	Mar-18	373.514	138.570	37.10%	234.944	62.90%
	Apr-18	372.669	141.336	37.93%	231.333	62.07%
	May-18	481.336	186.327	38.71%	295.009	61.29%
	Jun-18	477.075	186.258	39.04%	290.817	60.96%
	Jul-18	251.469	106.069	42.18%	145.400	57.82%
	Aug-18	280.070	103.967	37.12%	176.103	62.88%
	Sep-18	290.026	110.434	38.08%	179.592	61.92%
	Oct-18	459.853	124.849	27.15%	335.004	72.85%
	Nov-18	295.224	123.642	41.88%	171.582	58.12%
	Dec-18	382.605	161.226	42.14%	221.379	57.86%
Y e a r T h r e e	Jan-19	318.896	138.933	43.57%	179.963	56.43%
	Feb-19	451.171	172.314	38.19%	278.857	61.81%
	Mar-19	395.588	157.321	39.77%	238.267	60.23%
	Apr-19	467.686	177.686	37.99%	290.000	62.01%
	May-19	762.655	293.351	38.46%	469.304	61.54%
	Jun-19	323.629	142.766	44.11%	180.863	55.89%
	Jul-19	269.388	121.928	45.26%	147.460	54.74%
	Aug-19	247.046	105.654	42.77%	141.392	57.23%
	Sep-19	306.237	121.314	39.61%	184.923	60.39%
	Oct-19	417.528	180.472	43.22%	237.056	56.78%
	Nov-19	335.586	144.345	43.01%	191.241	56.99%
	Dec-19	320.896	128.362	40.00%	192.534	60.00%
Y e a r F o u r	Jan-20	424.596	168.315	39.64%	256.281	60.36%
	Feb-20	319.328	140.284	43.93%	179.044	56.07%
	Mar-20	403.218	170.790	42.36%	232.428	57.64%
	Apr-20	379.428	179.917	47.42%	199.511	52.58%
	May-20	564.516	269.806	47.79%	294.710	52.21%
	Jun-20	304.067	129.924	42.73%	174.143	57.27%
	Jul-20	251.938	116.077	46.07%	135.861	53.93%
	Aug-20	180.173	87.324	48.47%	92.849	51.53%
	Sep-20	218.823	95.204	43.51%	123.619	56.49%
	Oct-20	238.231	103.307	43.36%	134.924	56.64%
	Nov-20	232.185	104.535	45.02%	127.650	54.98%
	Dec-20	288.187	128.939	44.74%	159.248	55.26%
Y e a r F i v e	Jan-21	291.478	130.097	44.63%	161.381	55.37%
	Feb-21	270.933	118.070	43.58%	152.863	56.42%
	Mar-21	464.632	177.941	38.30%	286.691	61.70%
	Apr-21	269.610	113.646	42.15%	155.964	57.85%
	May-21	282.372	113.224	40.10%	169.148	59.90%
	Jun-21	342.575	123.978	36.19%	218.597	63.81%
	Jul-21	303.476	121.355	39.99%	182.121	60.01%
	Aug-21	267.744	108.183	40.41%	159.561	59.59%
	Sep-21	212.671	81.360	38.26%	131.311	61.74%
	Oct-21	344.196	126.452	36.74%	217.744	63.26%
	Nov-21	248.441	104.420	42.03%	144.021	57.97%
	Dec-21	293.108	119.972	40.93%	173.136	59.07%
AVERAGE		349.623	139.230	40.21%	210.394	59.79%

SECTION 11.0

OTHER BUSINESS

SECTION 11.1

TECHNICAL ADVISORY COMMITTEE UPDATES



Glenbard Wastewater Authority

945 Bemis Road Glen Ellyn, Illinois 60137
Telephone: 630-790-1901 – Fax: 630-858-8119

GWA Technical Advisory Committee (TAC) Meeting Agenda July 21, 2022 2:00pm

Present: Dave Buckley, Carl Goldsmith, Matt Streicher

1. Assistant Director
Mr. Streicher informed that TAC that GWA's new Assistant Director/Project Manager, Jeremy Henning, started today. He was unable to attend the TAC due to conflicts with on-boarding, but will be an active participant at all future TAC meetings.
2. EOC Agenda Items
 - a. Forklift Surplus Resolution
Currently, GWA has two forklifts, a newer one at the main plant, and an older one at the CSO plant. The older one at the CSO plant was only used to move dumpsters that collected grit. Recently, GWA's operations superintendent was able to get it's refuse company to begin picking up the dumpsters, which eliminated the need for the forklift. Therefore, it's being requested that the EOC declare the old forklift as surplus so that it can be auctioned off.
 - b. Siloxane Media Approval – Email Poll
GWA uses media to scrub the biogas before being burned in the CHP's; one of the medias is intended to remove siloxanes, which can harm the engines if it breaks through. The media has a certain life expectancy, which is approaching. GWA is ordering two rounds of media this time around since it has a long shelf life, and ample budget remains to do so.
 - c. No August meeting, wait until September
Due to a lack of urgency with any EOC items, in lieu of an August meeting, an email poll will be performed for the only item that will require sooner approval (siloxane media)
 - d. Possible CHP item
See item #3 below
 - e. RJN Proposal
See item 12.c below
3. CHP Status
 - a. Oil Pump Failure
Upon going to start engine #2 in June, maintenance noticed a low oil pressure alarm. After investigating further, metal shards were found in the engines oil, with a heavy concentration of them located in the oil filters themselves. It was found that one of the oil pumps on the engine failed and was coming apart.
 - b. New Engine vs. new oil pumps/repair
GWA's Maintenance Superintendent sent a request for a proposal to do the work to several mechanical contractors. The requested scope consisted of taking apart the engine, cleaning it all, installing new oil pumps, and reassembly. Only one contractor returned a quote, and it was for an entire new engine at \$76k, as it was cheaper for them to quote that out than do all the labor. Discussions with GWA's maintenance team also lead to the discussion of simply replacing the oil pump, and then flushing the oil out of the engine every 50 hours for the first couple hundred of hours. GWA's maintenance team wanted it to be known that there is a risk associated with that method, as without completely cleaning all the metal out of the engine – it could run fine for the rest of its useful life, or we could encounter another fairly. The TAC asked what the lead time on a new engine is, and if it may be better to go that route if it's an extremely long lead time anyways. More to follow.
4. Raw Influent Pump Failure
 - a. Second Pump at Risk

Protecting the Environment for Tomorrow

In early July one of the new low-flow raw influent pumps motor's failed. Staff speculated this was due to the motor being extremely hot, which has been a known issue since the pumps were installed. Despite the pumps only being 2 years old, the manufacturer initially did not want to cover 100% of the cost to repair the issue. Matt argued with them until they agreed too. It's speculated that the second low-flow pump could have the same type of failure, therefore, GWA is working with the manufacturer and design engineer to address the issue.

5. Lab Services

a. First Environmental

b. Anticipated cost \$17,296.20/year

GWA's existing laboratory contractor, Suburban Laboratories, recently increased prices and has had questionable QA/QC on their results. Therefore, GWA's laboratory staff obtained competitive pricing to change contractors. This was within the Village Managers approval limit, and was approved.

6. Strand Master Task Agreement

Strand Associates Inc. needed a "Master Agreement" in place in order to any issue any "task orders" for projects. The Master Agreement does not constitute that GWA will select Strand for any particular reason, it is simply front end documents that are referred to in each Task order. Matt wanted to make sure the TAC was aware that he approved/signed the master agreement, which was allowed since no dollar value was assigned to it.

7. CSO/CMOM Update

a. Information from Lombard

Lombard still needs to provide information that GWA requested several weeks ago in order to complete the required updates called for in the new NPDES permit it received from IEPA

8. CY2023 budget

The TAC was informed that currently the draft budget is seeing roughly a 3% increase overall, with a 5% increase on O&M. The past several years GWA's budget has had small increases, or none, so it's to be expected that eventually one will be needed. The increases are related to higher prices due to material price escalations, supply chain issues, and the need for more O&M items

9. Roofing Consultant

a. Professional Services

As GWA has done in the past, they are receiving a proposal from Arcon Roofing Consultants out of Lombard for the assistance in putting together CY2022's roofing project. The dollar amount will be able to be approved by Manager Franz

10. East Branch Bike Trail Complaint

Mr. Streicher wanted to bring to the TAC's attention that members of the subdivision to the South of the plant have put together a group opposing the proposed East Branch bike trail. They contacted GWA with the concern that it appeared part of the trail would go through GWA's property. The TAC made Matt aware that route is no longer being looked at because they could not get other HOA's to agree on it

11. Net Zero Assessment Plan's

A member of the Village of Glen Ellyn's environmental commission referred the Smart Energy Design Assistance Center (SEDAC) to GWA for perform a net zero assessment report. Matt shared this with the TAC. Essentially, it laid out a plan to get to net zero by 2044, however, many of the measures to get there may not be entirely feasible at GWA. While SEDAC's report is beneficial, and they gathered information from GWA in terms of electric bills and anticipated projects, many of the concepts are at a 30,000 ft. level and are lacking important details. Cost estimates that were provided also did not add up.

12. Old Business

a. Electrical Grid Construction Update

GWA is simply waiting on some ArcFlash stickers to be ordered and a few other remaining items before the project is closed out. None of the remaining delays are due to the contractor, they are simply supply chain issues

b. Biosolids Dewatering Improvements Project (BDIP) Update

i. "Liquidated Damages" \$21.6k

This project is technically complete, even though final completion has not been issued. Due to equipment delays, that the manufacturer was at fault with, GWA incurred extra engineering fees – however, since the project went past the completion date, these extra fees were viewed as liquidated damages. Therefore, despite the engineering contract seeing an additional \$21.6k, the construction contract was lowered by the same amount – making it a wash for GWA



Glenbard Wastewater Authority

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- c. Interceptor/VVFM Design Update
 - i. CY22: Final Design Phases 1 & Bidding = \$45k
 - ii. CY23: Construction & Engineering = \$311k & \$30k, respectively
 - iii. CY23: Final Design Phase 2 & Bidding = \$20k
 - iv. CY24: Construction & Engineering = \$602k & \$60k
In early CY22, RJN was selected after an RFP process for the preliminary design of GWA's interceptor rehabilitation. After preliminary design was completed, GWA requested a proposal for final design, bidding, and construction engineering. The proposal was submitted as one proposal, although it would be a multi-year/phase approach, and budgeted for in different calendar years. Seeking one proposal allows just one EOC approval, and obviously continuation of the contract is subject to the funding being approved in future years.
- d. Primary Clarifier Rehabilitation Project
 - i. SRF Loan eligibility
Unfortunately, this project was removed from the intended funding list for the IEPA low-interest loan program due to scoring lower than other eligible projects. However, it was moved to the bypass list, so it is more than likely GWA will still get the funding – it just will not be available until after the start of CY23. Therefore, this project's timeline is being pushed back to accommodate.
- e. USEPA PCI Inspection
 - i. Amend IGA between VOL & VOG
 - ii. Amend IGA's between Villages and other entities
No update. USEPA still has not provided a response to GWA's proposed actions
- f. Exhibits and language for Village/GWA Connection points at
 - i. VGE – Chidester vs St. Charles Rd. Lift Station
 - ii. VOL – L22 vs Junction Chamber
 - iii. **CSO Regulators and lines between the regulators to the facility**
 - iv. Any others that can be added
No update – Village of Lombard will send over GIS files to GWA for item mentioned in iii.

SECTION 12.0
NEXT EOC MEETING
THURSDAY,
OCTOBER 13, 2022
AT 8:00 A.M.