

GLENBARD WASTEWATER AUTHORITY  
Executive Oversight Committee  
Minutes  
April 11, 2024  
8:00 a.m.

Members Present:

Mark Senak	President, Village of Glen Ellyn
Keith Giagnorio	President, Village of Lombard
Kelli Christiansen	Trustee, Village of Glen Ellyn
Robert Bachner	Trustee, Village of Lombard
Mark Franz	Village Manager, Village of Glen Ellyn
Scott Niehaus	Village Manager, Village of Lombard
John Hubsy	Assistant Public Works Director, Village of Glen Ellyn
Carl Goldsmith	Public Works Director, Village of Lombard

Others Present:

Matthew Streicher	Executive Director, GWA
Jeremy Henning	Assistant Executive Director, GWA
Rick Freeman	Electric Superintendent, GWA
Jon Braga	Maintenance Superintendent, GWA
Patrick Brankin	Finance Director, Village of Glen Ellyn

1. Call to Order at 8:00 a.m.
2. Pledge of Allegiance
3. Roll Call: President Senak, President Giagnorio, Trustee Christiansen, Mr. Niehaus, Mr. Franz, and Mr. Goldsmith, answered "Present". Mr. Franz arrived at 8:07 a.m. after roll call.
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 January 2024, (partial month), full months of February and March 2024 and payroll in the amount of \$1,335,888.05 (Trustee Christiansen).*

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

- 5.1 Executive Oversight Committee Meeting Minutes:  
January 18, 2024 EOC Meeting
- 5.2 Vouchers Previously Reviewed:  
Partial month of January, and full months of February and March 2024 Payroll  
– Trustee Christiansen
- 5.3 Ratification of Email Poll Items

5.3.1 Authorization to Execute a Letter of Understanding with the Village of Glen Ellyn

During previous Executive Oversight Committee (EOC) meetings, discussion has been held regarding the need for the reconstruction of the Administration Building parking lot at the main plant site. This reconstruction project was designed back in 2015 but was put on hold in order to align with the Village of Glen Ellyn repaving Bemis Road.

In late January a meeting was held with Village of Glen Ellyn Public Works Engineering Team to discuss including the Authority's project with the Village's summer road repaving/reconstruction program for economies of scale. One of the bigger aspects of the Village's summer program this year is to reconstruct Bemis, and repave the portion of Sunnybrook in front of the Authority's Administration building. Since the Village's project is inclusive of most of the items included in the Authority's parking lot construction, the favorable option is that the Authority would include its quantities into the Village's base bid, and receive favorable pricing rather than bidding it separately with much smaller quantities. The other option was to attach the Authority's plans/specs onto the Village's bid as an alternate for contractors to bid on. The latter option has the possibility of not yielding favorable results, since contractors have the option to submit different unit prices on alternates, as alternates may not get awarded. The low bid contractor on the base bid may also not be the low bid on the alternate bid, but the Authority would still have to use the low base bid contractor. Therefore, the Authority requested its scope to be included into the Village's base bid.

It is unlikely the Authority would receive more favorable unit prices bidding separately with smaller quantities, and therefore, the Authority would not wish to back out after the Village awards a contract. In addition, this project is long overdue and should not be delayed further. In regards to the Authority's contribution to the Bemis Road reconstruction, that cost and the Authority's expectations are not defined yet, so the letter is worded in a way that doesn't over obligate the Authority, but agrees to the intent.

***Prior to signing this letter of understanding, the Authority is seeking authorization from the EOC to do so.***

5.4 Declaration of Surplus

As the Authority routinely gathers items that are no longer being used or are obsolete, a request to declare them as surplus is needed from the Executive Oversight Committee, and then the items are auctioned off to the highest bidder and some amount of recapture is realized. Enclosed with this packet is a formal resolution to declare Authority property as surplus and allow for staff to place it at auction.

6. Approval of the issuance of Member Debt by the Village of Glen Ellyn for improvements to the Authority's Wastewater Treatment Facilities, including the Primary Clarifier and Gravity Thickener Improvements Project, pursuant to and in accordance with the provisions of Article VIII(B) of the Joint Agreement.

After exhausting several routes of obtaining financing for the Primary Clarifier and Gravity Thickener Improvements Project, the Finance Directors and financial advisors recommended method was for the Village of Glen Ellyn to issue debt for the Authority, with the Authority repaying the Village of Glen Ellyn for said debt.

Each respective Village Board approved an amendment to the intergovernmental agreement between the Village's that formed the Authority, which allowed for such issuance to take place, and outlined terms of repayment plans for this current proposed debt. The terms of repayment were made general so they could be applicable to any potential future debt from the issuance of bonds.

***The Authority seeks a motion for approval of the issuance of Member Debt by the Village of Glen Ellyn for improvements to the Authority's Wastewater Treatment Facilities, including the Primary Clarifier and Gravity Thickener Improvements Project, pursuant to and in accordance with the provisions of Article VIII(B) of the Joint Agreement.***

***Trustee Christiansen motioned and President Senak seconded approval of the issuance of Member Debt by the Village of Glen Ellyn, for the improvements to the Authority's Wastewater Treatment Facilities, including the Primary Clarifier and Gravity Thickener Improvements Project, pursuant to and in accordance with the provisions of Article VIII(B) of the Joint Agreement. President Giagnorio, President Senak, Trustee Bachner, Trustee Christiansen, Mr. Niehaus, Mr. Goldsmith and Mr. Hubsky responded "Aye" during a roll vote. The motion carried.***

7. Authorization to Release Funds for the Reconstruction of the Administrative Building Parking Lot & Bemis Road Reconstruction

The parking lot for the Authority's Administration Building, providing for Authority's main public parking location, has been in significant need of replacement for nearly a decade. A replacement was designed in 2015 that included a full reconstruction and grading of the parking lot, which included additional parking spots, current ADA

requirements, and improved drainage. After reaching 90% design of the project, the Authority was made aware of plans for the Village of Glen Ellyn to repave or reconstruct Bemis Road in the coming years, and so the decision was made to shelf the project and re-address it when the Bemis Road project began. After continuing to deteriorate for nearly 8 years after the initial design, the parking lot is in dire need of replacement, with extremely degraded surfaces, lack of sufficient parking, inadequate stormwater drainage, and insufficient ADA accommodations.

The Authority then received authorization from the Executive Oversight Committee to enter into an understanding with the Village of Glen Ellyn so that the reconstruction of the Authority's Administration Building Parking lot would be included in the base bid amounts for the Village of Glen Ellyn's 2024 Reconstruction Utility and Roadway Improvements. The intent of including the Authority's quantities with the Village's was to gain an economy of scale and yield a lower price for the Authority. After the Village opened the bids, the portion of the work related to the Authority's parking lot reconstruction was determined to be \$257,835.75. This demonstrated the favorable results to the Authority, as the Engineers estimate for the work was valued at \$363,341.

Another component of the Village's summer roadway improvements project is to perform a full reconstruction of Bemis Road. Previous conversations between the Village of Glen Ellyn and the Village of Lombard had concluded that, because of the heavy truck traffic to and from the main treatment plant, the Authority would be contributing a portion of the cost for the reconstruction of Bemis Road.

The Village of Glen Ellyn requested for the Authority to contribute towards half of the roadway aggregate subgrade (including excavation), required roadway undercuts, roadway fabric, and asphalt base course in the total amount of \$266,867.25 based off the low bid. This is a conservative not to exceed amount as certain portions of the reconstruction, for example; deep patches/spot repairs, are assumed to use the fully budgeted amount but the total is unknown at this time and could be significantly lower than the ~\$35,000 allocated towards that line item.

Due to the contract for this project being between the Village of Glen Ellyn and its contractor, John Neri Construction, ***the Authority is seeking a motion to authorize the Authority to issue payments to John Neri Construction and/or the Village of Glen Ellyn in a total not to exceed amount of \$524,703.*** The funds will come out of the general capital fund 40-580180, where a total of \$500,000 was budgeted for the design, construction, and construction engineering of the parking lot and Bemis Roadway improvements.

*Mr. Henning provided a summary of the costs for the project and how by joining with the Village of Glen Ellyn, GWA was able to realize cost savings for the parking lot project.*

*Mr. Goldsmith noted that since there is no direct contract between GWA and Neri Construction, when it comes time for the audit next year, GWA will not be able to substantiate the payment to Neri Construction; and suggests that Neri Construction*

*should invoice the Village of Glen Ellyn, as they are the actual contract holder on record; and then GWA reimburse the Village. Mr. Goldsmith noted that this approach would prevent any confusion during the audit process, since GWA does not have any type of project contract directly with Neri Construction that would connect the payment to them.*

*Mr. Streicher stated he would discuss this item with the Village of Glen Ellyn's engineer working on the project, as he felt the engineer was trying to keep things separate for the ease of billing.*

*Mr. Niehaus noted that Neri should be able to issue a separate invoice for the parking lot work to the Village fairly easily.*

***Mr. Goldberg motioned to amend the motion and Mr. Niehaus seconded the amended motion to authorize GWA to issue payment to the Village of Glen Ellyn in a not to exceed amount of \$524,703 as reimbursement of costs for GWA's Admin Building Parking lot project. This amount will be taken out of the designated account in the CY2024 Approved Budget, Fund 40-580180. President Giagnorio, President Senak, Trustee Bachner, Trustee Christiansen, Mr. Niehaus, Mr. Franz, Mr. Goldsmith and Mr. Hubsby responded "Aye" during a roll vote. The motion carried.***

8. Authorization to Award Construction Services Contract for the Administrative Building Parking Lot Improvements

The Authority originally retained Trotter & Associates in 2015 to perform the design on the parking lot, and as mentioned above, the design was halted at 90% design in order to combine remaining efforts with the Village of Glen Ellyn's Road reconstruction project. Based on the successful completion of the 90% design, and the Authority's professional services policy that allows waiving of a competitive process to award a professional service based on a continuing relationship relating to work in a specific area of infrastructure, the Authority received approval to award Trotter & Associates the remaining 10% of design and bidding assistance in the amount not to exceed \$18,000.

Based on the successful completion of the now 100% design, and the Authority's professional services policy that allows waiving of a competitive process to award a professional service based on a continuing relationship relating to work in a specific area of infrastructure, the Authority also sought a proposal from Trotter & Associates for construction engineering services. A proposal was returned in the amount of \$30,500, which is approximately 11.8% of the construction cost, and an acceptable amount for construction engineering for a project.

***The Authority is seeking a motion to authorize the Authority to waive a competitive selection process and award Trotter & Associates the construction engineering services contract for the Administrative Road Parking Lot Improvements for a not to exceed amount of \$30,500. The funds will come out of the general capital fund 40-580180,***

where a total of \$500,000 was budgeted for the design, construction, and construction engineering of the parking lot and Bemis Roadway improvements.

***President Giagnorio motioned and Trustee Bachner seconded the motion to authorize the Authority to waive a competitive selection process and award Trotter & Associates the construction engineering services contract for the Administrative Road Parking Lot Improvements for a not to exceed amount of \$30,5000. This amount will be taken out of the designated account in the CY2024 Approved Budget, Fund 40-580180. President Giagnorio, President Senak, Trustee Bachner, Trustee Christiansen, Mr. Niehaus, Mr. Franz, Mr. Goldsmith and Mr. Hubsy responded “Aye” during a roll vote. The motion carried.***

9. North Regional Interceptor Phase 2 Construction

In September 2022 the Executive Oversight Committee awarded Final Design Engineering Services pertaining to the 2022-2024 Collection System Rehabilitation Program to RJN Group. 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.

Phase I of the project was completed in December of 2023 and successfully rehabilitated approximately 1,200 feet of sewer main and five manholes along St. Charles Road. The upcoming Phase II will cover approximately 2,000 feet of sewer main and six manholes that follow I-355 from St. Charles Road down to GWA’s CSO plant on Hill Avenue. Similar to Phase I, Phase II will consist of pre-construction cleaning, televising (pre and post construction), pipelining (varying from 24”-27” diameter), and the structural lining, epoxy coating, and grouting of the six manholes.

The results of the April 3rd, 2024 bid opening were as follows:

<b>Budgeted Amount</b>	<b>National Power Rodding</b>	<b>Hoerr Construction</b>	<b>Insituform Technologies</b>	<b>Visu-Sewer</b>	<b>Benchmark Construction</b>
\$ 650,000.00	\$ 869,428.90	\$ 517,565.00	\$ 608,336.30	\$ 694,355.00	\$ 703,000.00

All five plan holders provided bids for this project and after opening the bids, RJN Group examined the bidding documents to ensure all proper documentation was included, and performed reference checks on the apparent low bidder. Having worked with Hoerr Construction previously, RJN is confident in Hoerr’s approach and has provided a recommendation letter. With all documents in place and satisfactory references, RJN is recommending award to Hoerr Construction.

Therefore, it is recommended the EOC authorize the Authority to award Hoerr Construction the 2024 Collection System Rehabilitation Construction Contract in an amount not to exceed \$517,565.00. This amount will be taken out of the budgeted \$650,000 in the CY2024 Approved Budget, Fund 40-580150 Capital Plant Equipment Rehabilitation.

***The Authority is requesting the Executive Oversight Committee give authorization to award Hoerr Construction with a notice to proceed for the 2024 NRI Rehabilitation Project in the amount of \$517,565.00.*** This project was budgeted for in the CY2024 Approved Budget, Fund 40-580150 Capital Plant Equipment Rehabilitation.

*Mr. Niehaus noted that he was pleased to see there were five bids on the project and liked seeing the competitiveness between Hoerr and Insituform.*

***Mr. Niehaus motioned and Mr. Franz seconded the motion to authorize The Authority to issue a notice to proceed to Hoerr Construction for he 2024 NRI Rehabilitation Project in the amount of \$517,565. This amount will be taken out of the designated account in the CY2024 Approved Budget, Fund 40-580180. President Giagnorio, President Senak, Trustee Bachner, Trustee Christiansen, Mr. Niehaus, Mr. Franz, Mr. Goldsmith and Mr. Hubsy responded “Aye” during a roll vote. The motion carried.***

10. Request for Approval of Data Analysis and Reporting Platform

Early in 2023, the GWA admin and supervisory team began discussions regarding the difficulties with our ability to pull reporting and analytical data from the various systems the Authority uses. Currently, process and control data is saved in two primary systems; first our SCADA platform called GE iFix which helps control and visualize the treatment process at the main plant and all remote sites, and a program called OpWorks that helps the operations and lab staff capture manually recorded information. These two systems do not communicate or share data with each other, which creates challenges when attempting to analyze or report on process data. Both systems have separate reporting functionality, but neither are very robust and both have shortcomings that can make them difficult to utilize.

After narrowing down the list of potential platforms, the shortened list of five software providers were demoed by the full admin and supervisory team. Each team member was provided a scoring matrix during the process and cost was not a consideration during evaluation to ensure a product was picked on functionality alone. After all demoes were performed, scoring was tallied, and the team convened to discuss their comments and impressions; a platform called Ignition by Inductive Automation was selected. Ignition can provide all of the data consolidation, reporting, and analytical functionality the team is looking for and provide a path forward to expand upon the capabilities of our current SCADA system in the future.

Licensing and implementation costs were discussed with the Authority's SCADA integrator, Concentric Integration, who is a Gold Certified Integrator with Ignition. After determining the appropriate modules and licensing level, Concentric provided a quote of \$14,590.93 that would cover all licensing and the first year of support. While Authority staff does have some of the expertise needed to implement the platform, the extensive experience Concentric has with Ignition implementations will ensure it is installed efficiently and utilizing best practices. The Authority intends to work with Concentric to determine areas of the implementation where costs can be saved by having Authority staff perform certain tasks.

Because of that and to provide the most flexibility for the implementation of the software, GWA is requesting authorization to utilize the remainder of the \$30,000 budgeted for this project (\$15,409.07) on a time and material basis with Concentric Integration. Concentric has provided an hourly rate range of their intended staff members of \$175-\$210 per hour. Authority staff will be closely monitoring costs and progress of the project to ensure the total does not exceed the budgeted \$30,000; and if further work is needed, additional funds will be budgeted in 2025 to continue to build out the platform.

***Therefore, the Authority is seeking a motion to authorize the waiving of a competitive selection process and utilize Concentric Integration for purchase and time and material implementation of Ignition by Inductive Automation for its Data Analysis and Reporting Platform in an amount not to exceed \$30,000.*** The funds will come out of the Small Capital Improvement fund 40-580120.

*Mr. Henning provided a brief background on the goal of acquiring this software to consolidate and replace the current process and operational data acquisitions systems.*

*Mr. Niehaus asked for an example of the data that staff will be able to extract from this software. Mr. Henning stated this came about as a result of GWA seeking the 50001 Energy Certification, when trying to grab the energy usage data, in order to find areas additional where usage could be reduced; the search was very intensive as the equipment run times data could be found in the SCADA system and the operational data could be found in OpsWork, the data could not be merged in a manner that made sense and was labor intensive to pull together. Mr. Streicher noted brief example in that on the previous month the SRI lift station was programmed to switch between two different modes and it did not as it should, and this software would have caught this sooner.*

*Mr. Henning added that this software does have the capability to serve as a SCADA system, so the potential to move our existing SCADA to this platform in the future, is another positive feature.*

***President Giagnorio motioned and Trustee Christiansen seconded the motion to authorize The Authority to waive the competitive selection process and utilize Concentric Integration for the purchase and time and material implementation of Ignition by Inductive Automation for its Data Analysis and Reporting Platform in an amount not to exceed \$30,000. This amount will be taken out of the designated***



**account in the CY2024 Approved Budget, Fund 40-580120. *President Giagnorio, President Senak, Trustee Bachner, Trustee Christiansen, Mr. Niehaus, Mr. Franz, Mr. Goldsmith and Mr. Hubsy responded “Aye” during a roll vote. The motion carried.***

11. Hydrogen Peroxide Contract Renewal

In 2020, the TAC approved a pilot program with USP to provide odor control services to GWA. The EOC was made aware and GWA moved forward with the pilot program. Included in the pilot was installation of peroxide containment, dosing lines, dosing pumps, sensors, communications, project management, and maintenance. The pilot program was successful in reducing odors produced in the treatment process and was evident by a significant decrease in odor complaints during the most odorous season. Due to the success of the pilot study, GWA entered into a 3-year contract with USP to provide odor control starting June of 2021 and will expire in June of 2024 for a total not to exceed amount of \$136,920. To date, the Authority has exhausted the majority of the total amount approved by the EOC, and is seeking to renew the contract with USP.

With the previous contract expiring this June, a proposal was requested from USP to provide odor control services for another 3 years, starting in May 2024 and continuing through May of 2027.

Included in the proposal, USP will be upgrading the dosing equipment, pump controls and reporting platform, as well as providing continued use of peroxide containment storage, maintenance and management of all the equipment, testing to ensure proper dosing is being completed and is effective, the gallons of peroxide that will be used, peroxide delivery supervision, SCADA integration, emergency response, and any necessary training. GWA also has the ability to cancel the contract at any time, with a 30-day notice.

USP’s unit price per gallon is subject to an annual price increase. Annual price increases are to be capped at 6% based off previous contract years unit price.

***Therefore, due to the professional nature of the services and the lack of other providers, GWA, is respectfully requesting to waive the competitive bidding process per the purchasing policy C.1.a Professional Services and C.1.e. Single Source Purchases and is requesting EOC motion to authorize the approval of the USP Technologies proposed 3-year contract with a not-to-exceed amount of \$195,955 over the length of the contract.*** This will come out of the budget 270-530440 Chemicals Fund, which has \$50,000 budgeted for hydrogen peroxide in CY2024, and will be budgeted appropriately for in future years.

*Mr. Niehaus asked if the \$50,000 allocation is enough for the coming year. Mr. Streicher noted that while this particular line item was budgeted at \$50,000, there is the room in the overall chemical budget in the event more chemical is needed. Mr. Streicher added that GWA controls the dosage amount and the usage would also depend on the weather, dry weather more usage; wet weather, less usage.*

*President Senak noted that the annual increase is capped at 6% and asked if there is a potential for the annual increase to be less than that amount. Mr. Streicher stated that there is a potential for a lower annual increase percentage, but it was capped to help protect GWA's interest. Mr. Streicher commended Mr. Henning and Andy Pakosta, Operations Superintendent, on negotiating the shipping surcharge, which was not clearly defined, to a maximum 4% annual increase over and above the cost of the chemical.*

***Trustee Bachner motioned and Mr. Franz seconded the motion authorize The Authority to waive the competitive selection process per the purchasing policy C.1.a Professional Services and C.1.a Single Sources Purchases and is requesting EOC motion to authorize the approval of the USP Technologies proposed 3-year contract with a not-to-exceed amount of \$195,955 over the length of the contract. This amount will be taken out of the designated account in the CY2024 and future year's Approved Budget, Fund 270-530440. President Giagnorio, President Senak, Trustee Bachner, Trustee Christiansen, Mr. Niehaus, Mr. Franz, Mr. Goldsmith and Mr. Hubsy responded "Aye" during a roll vote. The motion carried.***

## 12. Discussion

### 12.1 CHP Replacement Planning and Alternatives

#### 12.1.1 Renewable Natural Gas

*Mr. Streicher noted that staff has continued to investigate options for replacement of the CHP's; however, GWA does see a lot of revenue from the FOG intake and co-digestion that powers the CHP engines; and if there is not an alternative use for the gas this process generates, then this revenue stream will no longer be lost.*

*Mr. Streicher noted that RNG seems to be a very viable route; and with GWA making a capital investment, a favorable ROI being 6-13 years. Mr. Streicher noted that staff was very pessimistic in what could possibly go wrong to hit the 13-year mark; and as a result, staff felt this was a very viable option to pursue. Mr. Streicher explained that GWA, in February/March, became aware of a federal grant that was available for facilities to convert; with a catch being GWA had to belong to a coalition to be eligible for the grant; so, GWA joined a coalition with 8 other wastewater treatment plants and a landfill facility, to submit a grant application for \$196 million dollars, with the idea that the grant would cover all of the capital costs that GWA would have to pay to convert to an RNG facility. Mr. Streicher explained that if the grant was awarded, the ROI would go down to 0 (zero) for GWA and would be able to generate over \$1 Million dollars a year in revenue.*

*Mr. Streicher explained that one of the reasons in bringing this to the EOC Committee, was that due to the short turnaround time, he had signed a letter of intent with the Coalition, that does not commit GWA to anything, but merely states we have an “intent” to commit. Mr. Streicher noted that by July 1<sup>st</sup>, if the likelihood of the grant is favorable, he will seek EOC Committee’s approval to sign a Memorandum of Understanding or agreement with the Coalition, which would commit GWA to using its portion of the funds to convert to a RNG facility.*

*Mr. Goldsmith asked Mr. Streicher to confirm if Fox Metro is serving as the lead for all agencies on this. Mr. Streicher confirmed that they are. Mr. Goldsmith explained that GWA would then be entering into an agreement with Fox Metro to serve as lead.*

*Mr. Franz asked what the capital investment looks like for this. Mr. Streicher noted that the CHP engines would go away and might be able to re-purpose the building, but without having any engineering done at this point, it is hard to say what the capital investment would actually be; however, the main part of the RNG process is gas scrubbing and while there is a gas scrubbing process in place for the CHP engines, it will need to be upgraded to be more robust system to achieve RNG grade. Mr. Streicher added that GWA would probably abandon the current scrubbing system and install a completely new system.*

*Mr. Streicher noted that GWA is currently using only 60% of the gas that is being generated and with a move to RNG, 90% of the gas would be used.*

*President Senak asked if the plan for RNG would still go forward without the grant. Mr. Streicher noted that the capital plan would need to be evaluated and additional discussions had concerning costs and ROI; as this would be a substantial capital investment, but with a very favorable ROI.*

*Mr. Franz noted that the savings on maintenance on the engines has to be taken into consideration.*

*Mr. Neihaus noted that the engines would most likely not have much resale value. Mr. Streicher noted that the grant has to be used within five (5) years; therefore, GWA would likely use the engines until the end of their useful life.*

*Mr. Brankin asked how the grant funds would be distributed, submit for reimbursement as funds are used. Mr. Streicher stated that the funds would be an up-front lump payment and GWA would have to be able to show that they went to building of the RNG facility.*

*Mr. Goldsmith asked what the timeline was for the grant award. Mr. Streicher stated he believes the deadline decision is prior to July 1<sup>st</sup>, with the actual grant awards scheduled for an October distribution.*

*Mr. Bachner asked when GWA planned to spend the funds. Mr. Streicher indicated that the deadline for spending is October 2029. Mr. Streicher noted that the only costs GWA would have to cover is the engineering, as the engineering design will be unique to each facility, and the grant is designed to cover all of the construction costs. Mr. Streicher added that within the first year of use, the engineering costs would be recovered.*

*Mr. Goldsmith asked if there had been any discussions about all of the facilities using the same engineering firm to try and save costs. Mr. Streicher noted that while it is left up to the individual facility to come up with their own design, Strand Associates, one of GWA's short-listed engineering firms, provided the assistance in putting the grant together, so it would make sense to use a firm already involved in the project, as well as having extensive experience with RNG in Wisconsin and Iowa.*

*Mr. Franz asked for the status of the Facility Plan and whether RNG would be incorporated into the project. Mr. Streicher advised that the plan is about a third of the way complete; and the RNG project is not being included, due to the uncertainty of the project.*

*Mr. Streicher noted that the next action from the EOC Committee, would be approval to sign the Memorandum to Proceed letter prior to or around July 1<sup>st</sup>.*

12.1.2 Solar Discussion

*Mr. Streicher provided a summary of GWA efforts to pursue the installation of a solar field.*

*Mr. Streicher noted that two (2) attempts were made to secure solar development services and both efforts yielded only one (1) response each time, with the reason being that due to the uncertainty of using the planned area is an unknown.*

*Mr. Streicher explained that GWA sought its own feasibility study to determine what the costs would be for GWA to prepare the land for a solar field, with the costs coming back at approximately \$2 million dollars, \$600,000 for just the lagoon area and the balance for the area just north of the lagoons with the trees.*

*Mr. Streicher stated that the study was presented to the solar consultant, with the question as to whether or not GWA should handle the land preparation work on its own, to which the consultant agreed, as its foreign territory for contractors who are used to leveling corn fields. Mr. Streicher advised that after discussions with the TAC it was determined to proceed with only the lagoon area, as there are permitting issues with the tree area to the north of the lagoons is a flood way.*

*Mr. Streicher advised that at the next TAC discussions will be had in order to determine if GWA should continue with, at least, the engineering for just the land development of the lagoon parcel, should continue.*

*No action at this time, anticipate some approval at a future EOC Committee meeting.*

*Mr. Franz asked if both lagoon areas will be developed. Mr. Streicher confirmed that both will be done, noting that the north lagoon has already been filled in.*

*Trustee Bachner asked if the wetlands would have any affect on the drainage. Mr. Streicher indicated they would, while the lagoons are located in a 100-year flood plain, it would be a matter of getting a map revision letter from FEMA, as they are not hydraulically connected to the river in any manner, unlike the wooded area to the north, which is tied to the river and is a floodway.*

*Trustee Bachner asked what depth would have to be back-filled. Mr. Streicher stated that the north lagoon is already filled in, and the south lagoon has been estimated at 4-6 feet average. Trustee Bachner asked if the fill needed to be engineered fill. Mr. Streicher noted that it would need to simply be clean fill and may require some dredging since there is a layer of sludge that needs to be removed; and then clean filled dumped, which GWA has been taking from various Village sources. Trustee Bachner asked if some of the solid waste being trucked out could be used or is it the material not clean enough. Mr. Streicher noted that material is clean enough, however it is not dense enough to work.*

*Mr. Henning stated that pilings would be installed and the contractors just need a flat surface to work with.*

*Mr. Streicher noted that any project at GWA that requires the removal of soil and will not be placed back, will be dumped into the lagoon, which is how the north lagoon was filled.*

*Mr. Goldsmith asked if there was a potential for a solar field at the CSO plant. Mr. Henning advised that a field had been investigated; however, a better return is realized when the energy is being used, rather than feeding it back to the grid, which is what would be happening.*

*Trustee Christiansen asked if panels could be installed on the flat roofs located throughout the facility. Mr. Streicher indicated that in general, flat roofs are not as preferable as open land; and GWA has a number of small roofs, instead of several large roofs that would make that an option. Mr. Streicher added that with various projects, HVAC equipment has been mounted to the roofs now.*

*President Senak excused himself from the meeting at 8:39 a.m.*

#### 12.1.3 Primary Sludge Direct Feed Line

#### 12.1.4 Upcoming Vehicle Purchases

*Trustee Christiansen asked if any delays in delivering the vehicles was anticipated. Mr. Streicher noted that the mini-van and fuel truck should be readily available, the crane truck is being investigated a little deeper.*

*Mr. Streicher noted that while the above items will require EOC Committee approval, a meeting will not be called if these are the only items.*

13. Other Business

13.1 Technical Advisory Committee Updates

13.2 Other Items

*Mr. Streicher noted that GWA was, once again, recognized as a Department of Energy ISO 50001 Energy Efficient organization for 2023.*

*Mr. Niehaus noted that he had no problem mentioning that GWA was approached by the neighbor located directly north of GWA's main parking about the potential of purchasing the property. Mr. Niehaus added that GWA should proceed with getting an appraisal for the property to begin discussions with the owners. Mr. Streicher noted that GWA has been a good neighbor and mentioned to them in the past that if they wanted to sell, GWA would like to be the first contact. Mr. Niehaus stated that by mentioning it today, Mr. Streicher can advise them that it has been discussed at a meeting and further discussions can begin.*

14. **Next EOC Meeting - The next regularly scheduled EOC Meeting is set for *Thursday, May 9, 2024 at 8:00 a.m.***

***Mr. Niehaus made the motion to adjourn the April 11, 2024 EOC Committee meeting and Mr. Franz seconded the MOTION. President Giagnorio, Trustee Bachner, Trustee Christiansen, Mr. Niehaus, Mr. Franz, Mr. Goldsmith and Mr. Hubsy, responded "Aye" during a roll call. The motion carried. The meeting adjourned at 8:49 a.m.***

Submitted by:

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Gayle A. Lendabarker  
GWA Executive Assistant