



Livingston County Water & Sewer Authority  
1997 D'Angelo Drive  
PO Box 396  
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## *Agenda*

### LIVINGSTON COUNTY WATER & SEWER AUTHORITY REGULAR MEETING February 16, 2022 at 8:00 am Watershed Education Center (Vitale Park) Lakeville, NY 14480

#### 1. Call to Order

#### 2. Executive Session

#### 3. Approval of Agenda

#### 4. Approval of Minutes

- a. January 19, 2022 – Organizational Meeting
- b. January 19, 2022 – Regular Meeting

#### 5. Reports

- a. Financial Report–January 2022
  - i. Approval of Financial Report
  - ii. Approval of Expenditures
- b. Operation/Capital Report
- c. Executive Director's Report
  - i. Update Richmond Mills Road water line
  - ii. Pine Tree and Lake Forest Mobile Home Park
  - iii. Authorities Budget Office training and Fiduciary Statement

#### 6. Other Business

- #2022-10 RESOLUTION TO STANDARDIZE WATER METERS FOR THE LIVINGSTON COUNTY WATER AND SEWER AUTHORITY
- #2022-11 RESOLUTION AUTHORIZING THE EXECUTIVE DIRECTOR OF THE LIVINGSTON COUNTY WATER AND SEWER AUTHORITY TO SIGN A MEMORANDUM OF AGREEMENT WITH THE LIVINGSTON COUNTY BOARD OF SUPERVISORS FOR PROJECT MANAGEMENT AND OVERSIGHT SERVICES
- #2022-12 RESOLUTION TO ACCEPT A PROPOSAL FROM GHD CONSULTING SERVICE INC. (GHD) FOR PROFESSIONAL SERVICES TO SUPPORT MODIFICATIONS AND IMPROVEMENTS TO THE LIVINGSTON COUNTY WATER AND SEWER AUTHORITY COMMUNICATION SYSTEM

#### 7. Communications

## **8. Adjournment**

**Next Regular Meeting: Wednesday, March 16, 2022 @ 8 am**

All attachments and reports referenced above may be found at  
<http://www.co.livingston.state.ny.us/lcwsa.htm>  
Go to Board meetings tab / current agenda.



The Chairman called the meeting to order at 7:59 AM and opened nominations for officers of the Authority for 2022.

**TEMPORARY CHAIRMAN**

*Motion: M. Falk moved, and S. Beardsley seconded to nominate T. Saunders as temporary Chairman of the Board. Carried unanimously.*

**CHAIRMAN**

*Motion: T. Saunders moved, and S. Beardsley seconded to nominate M. McKeown for Chairman of the Board. Carried unanimously.*

**VICE CHAIRMAN**

*Motion: D. Higgins moved, and M. Falk seconded to nominate D. Fanaro for Vice Chairman of the Board. Carried unanimously.*

**TREASURER**

*Motion: M. McKeown moved, and D. Higgins seconded to nominate S. Beardsley for the Treasurer of the Board. Carried unanimously.*

**SECRETARY**

*Motion: M. McKeown moved, and T. Saunders seconded to nominate C. Murphy for Secretary of the Board effective March 1, 2022 Carried unanimously.*

**MEETINGS**

**Regular Meeting Schedule for 2022**

(Location: Watershed Education Center in Vitale Park, 5828 Big Tree Road, Lakeville, NY 14480)

*\* Note: Due to the ongoing COVID-19 pandemic, the Board may elect to hold meeting remotely vs in-person. Any meeting changes will be posted on LCWSA's webpage\**

<b>Date</b>	<b>Time</b>
1/19/22	Immediately following Organizational Meeting at 8:00 am
2/16/22	8:00 am
3/16/22	8:00 am
4/20/22	8:00 am
5/18/22	8:00 am
6/15/22	8:00 am
7/20/22	8:00 am
8/17/22	8:00 am
9/21/22	8:00 am
10/19/22	8:00 am
11/16/22	8:00 am
12/16/22	9:00 am

#2022-01

RESOLUTION SETTING THE LIVINGSTON COUNTY WATER AND SEWER AUTHORITY MEETING SCHEDULE FOR 2022

*Motion: S. Beardsley moved, and M. Falk seconded to approve Resolution #2022-01 to SET THE LIVINGSTON COUNTY WATER AND SEWER AUTHORITY MEETING SCHEDULE FOR 2022. Carried unanimously.*

- #2022-02 RESOLUTION DESIGNATING THE 2022 OFFICAL NEWSPAPERS  
*Motion: T. Saunders moved, and M. Falk seconded to approve The Genesee Country Express & the Livingston County News the official newspapers for 2022. Carried unanimously.*
- #2022-03 RESOLUTION DESIGNATING THE OFFICAL BANK FOR THE LIVINGSTON COUNTY WATER AND SEWER AUTHORITY  
*Motion: M. Falk moved, and D. Higgins seconded to approve Five Star Bank as the official bank for 2022 for daily deposits and transactions; however, the Board may utilize other Livingston County bank as necessary. Carried unanimously.*
- #2022-04 RESOLUTION TO APPROVE THE CLARK, PATTERSON & LEE RATES FOR GENERAL PROFESSIONAL ENGINEERING SERVICES TO THE LIVINGSTON COUNTY WATER AND SEWER AUTHORITY  
*Motion: S. Beardsley moved, and M. Falk seconded to approve Resolution #2022-04 naming Clark Patterson Lee for General Professional Engineers of the Livingston County Water and Sewer Authority for 2022. Carried unanimously.*
- #2022-05 RESOLUTION REVIEWING AND ADOPTING VARIOUS LIVINGSTON COUNTY WATER AND SEWER AUTHORITY POLICIES  
*Motion: S. Beardsley moved, and M. Falk seconded to approve Resolution #2022-05 Adopting various Livingston County Water and Sewer Authority Policies. Carried unanimously.*

#### **PAYMENT OF BILLS**

*Motion: S. Beardsley moved and T. Saunders seconded to authorize any officer of the Board to approve any payment of bills to either take advantage of discounts or avoid penalties, and further those payments shall be brought to the attention of the Board at the next meeting. Carried unanimously.*

#### **BOARD COMMITTEES**

*Discussed and agreed committee would remain the same as last year and any vacancy will be filled by the new incoming board member*

- D. Fanaro, M. McKeown and vacant to the Governance Committee; and*
- S. Beardsley, D. Higgins, and D. Higgins to the Audit/Finance Committee; and*
- D. Fanaro, T. Saunders, and M. McKeown (alternate) to the Unity Task Force (Village of Livonia/LCWSA Joint Water/Sewer Committee). Carried unanimously.*

*Adjourn: Motion: D. Higgins moved, and S. Beardsley seconded to adjourn the Organizational meeting at 8:15 am. Carried unanimously.*



**Members Attending:** S. Beardsley, M. McKeown, T. Saunders, M. Falk, D. Higgins

**Excused:** D. Fanaro

**Absent:**

**Others attending:** J. Molino (Executive Director), M. Kosakowski (Director of Operations), R. Lewis (Principal Account Clerk) and Eric Wies (Clark Paterson Lee)

### Approval of Agenda

*Motion: M. Falk moved, and D. Higgins seconded to approve the agenda as presented. Carried unanimously.*

### Approval of Minutes -December 17, 2021

*Motion: F. Falk moved, and T. Saunders seconded to approve the regular board meeting minutes dated December 17, 2021. Carried unanimously.*

**Financial Report:** R. Lewis reviewed the Financial Report with the Board (on file with Secretary).

*Motion: S. Beardsley moved, and M. Falk seconded to approve the December 2021 Financial Report. Carried unanimously.*

### Approval of Expenditures

*Motion: T. Saunders moved, and S. Beardsley seconded to approve paying Total Capital & Operating expenditures of \$122,723.48. Carried unanimously.*

*Motion: S. Beardsley moved, and D. Higgins seconded to approve paying Utilities & Miscellaneous expenditures in an amount not to exceed \$575,162.47 Carried unanimously.*

### Operations and Capital Report

M. Kosakowski reviewed the Operations and Capital Reports with the Board (on file with Secretary).

*Motion: M. Falk moved, and D. Higgins seconded to approve the Operations and Capital Report. Carried unanimously.*

### Other Business

#2022-06 RESOLUTION TO APPROVE AN ELEVENTH SUPPLEMENTAL RESOLUTION TO ALLOW AN INCREASE IN BORROWING TO FINANCE CERTAIN WATER IMPROVEMENTS IN CONNECTION WITH E.F.C. STATE DRINKING WATER REVOLVING FUND PROJECT NO.: 18746

*Motion: M. Falk moved, and S. Beardsley seconded to approve resolution #2022-06 approving AN ELEVENTH SUPPLEMENTAL RESOLUTION TO ALLOW AN INCREASE IN BORROWING TO FINANCE CERTAIN WATER IMPROVEMENTS IN CONNECTION WITH E.F.C. STATE DRINKING WATER REVOLVING FUND PROJECT NO.: 18746. Carried unanimously.*

#2022-07 RESOLUTION TO ESTABLISH THE SEASONAL LABORER WAGE RATE FOR 2022

**Motion: D. Higgins and seconded by T. Saunders to approve resolution #2022-07 to ESTABLISH THE SEASONAL LABORER WAGE RATE FOR 2022 at \$18 per hour. Carried unanimously.**

#2022-08 RESOLUTION TO ACCEPT A PROPOSAL FOR \$66,600 FROM CLARK, PATTERSON AND LEE (CPL) FOR DESIGN, BIDDING AND INSPECTION SERVICES FOR THE GROVELAND STATION WWTF UV DISINFECTION PROJECT

**Motion: M. Falk and seconded by S. Beardsley to approve resolution #2022-08 to ACCEPT A PROPOSAL FOR \$66,600 FROM CLARK, PATTERSON AND LEE (CPL) FOR DESIGN, BIDDING AND INSPECTION SERVICES FOR THE GROVELAND STATION WWTF UV DISINFECTION PROJECT. Carried unanimously.**

### **Communications/Executive Director Report**

J. Molino updated the board on the Richmond Mills Road water line.  
J. Molino updated the board on Pine Tree & Lake Forest mobile home parks  
J. Molino will be attending upcoming meetings at Livonia Central School, Village of Leicester, Town of Sparta and the Board of Supervisors.

### **Executive Session**

***Motion: T. Saunders moved, and D. Higgins seconded that the board reconvene in Executive Session at 9:44 am for the purpose of discussions concerning the employments history of a particular person or corporation, or matter leading to the appointment. Employment, promotion, demotion, discipline, suspension, dismissal or removal of a particular person or corporation, Executive Director J. Molino was asked to stay. Carried unanimously.***

***Motion: S. Beardsley moved, and M. Falk seconded to end the Executive Session at 10:00 am. Carried unanimously.***

### **Amend Agenda**

***Motion: T. Saunders moved, and D. Higgins seconded to amend the agenda to add***

#2022-09 RESOLUTION TO SET THE COMPENSATION FOR THE POSITION OF DIRECTOR OF OPERATIONS

**Motion: D. Higgins moved, and M. Falk seconded to approve Resolution #2022-09 setting THE COMPENSATION FOR THE POSITION OF DIRECTOR OF OPERATIONS to \$82,696. Carried unanimously.**

***Adjourn: Motion: S. Beardsley moved, and M. Falk seconded to adjourn the Board meeting at 11:00 am. Carried unanimously.***

## LCWSA OPERATIONS REPORT

February 16 , 2022

### Water and Sewer Work Program

Customer Work Orders	Staff completed 39 workorders; up 9 from last month.
UFPO	Staff completed 45 stakeouts; down 35 from last month.
PM Maintenance	All PM maintenance was completed.
Sampling & Testing	All sampling and testing were completed.

### Water Work Program

Curb Box Replacements	Staff replaced 2 curb boxes and rods
New Water Connections	Staff completed 1 water tap for the OGS Trailer at Groveland Correctional
Shelly Rd Pump Station	Air reliefs have come in Siewert Equipment will be installing sometime this week. Also Colacino Industries have put in additional fail safe features and will be tying that back to the SCADA System
Meter reading	Staff completed meter reading. Bills have been sent out.

### Sewer Work Program

Sewer Repair	Fineline Pipeline replaced a sewer lateral at 7 West Ave in the Village of Livonia from the cleanout back to the main.
Sewer Cleaning and Televising	As weather allows staff is cleaning and televising in the Village of Livonia.

## LCWSA CAPITAL PROJECTS REPORT

February 16, 2022

### 31085 DOCCS WSP

No change- still averaging between 110,000 and 135,000 gpd.

### 31131 Countywide Water System Improvements - Phase 1 (ARS Water Main Ext + Grov. Sta Inter)

Randsco has been off site. They will be coming back to do the services towards the end of the month and their sub contractor will be doing the demolition of the upper water tank. Still waiting on the electrical components for the Chlorine building. As soon as they come in the electrician will install.

### 31138 Comprehensive SCADA System Evaluation

We have received the Engineering Services Proposal from GHD. Jason and I will be reviewing on the 2/10/2022

### 31140 I&I Study (Smoke Testing + San Sewer Cleaning & Televising)

no update at this time

### 31142 Lakeville WWTP Upgrades - Phase 2 + UV

Blue Heron has been working on the secondary clarifier installing the new bearings and shafts. They also have been working on the demolition of the methane tank. Pictures of demolition attached. Invictus has been replacing lights and panels in the Digester Bldg.





**RESOLUTION NO. 2022-10**

**RESOLUTION TO STANDARDIZE WATER METERS FOR THE LIVINGSTON COUNTY  
WATER AND SEWER AUTHORITY**

WHEREAS, The Livingston County Water & Sewer Authority (“LCWSA”) has been and is engaged in a substantial County wide water improvements project which will involve the installation of a substantial quantity of water meters, and

WHEREAS, For reasons of efficiency and economy there is a need for standardization upon a particular brand of water meters as hereinafter explained, and

WHEREAS, The LCWSA Board after investigation and consultation with the LCWSA Engineer has selected Neptune Automatic Meter Reading System (AMR) water meters for residential, commercial and industrial water meters, to include but not limited to, T10 and Mach10 meters as the standardized equipment for LCWSA, and now therefore be it,

RESOLVED, That the LCWSA Board does hereby standardize water meters throughout the LCWSA customers shall be Neptune AMR for the following reasons:

- a. Ease of repair;
- b. Less inventory to maintain and stock;
- c. Compatible with existing LCWSA meter reading hardware and software;
- d. Good history of reliability;
- e. Same meters as neighboring communities, which will help assure availability of parts.

February 16, 2022  
Livingston County Water & Sewer Authority  
Moved By:  
Seconded By:  
AYES:  
NAYS:

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To: Livingston County Water and Sewer Authority Board

From: Jason Molino, Executive Director 

Date: February 8, 2022

Subject: Standardize Water Meters

**Action Requested:** Board approval of resolution for standardizing Neptune water meters.

**Background:** In 2018 the LCWSA Board approved Resolution No. 2018-11 which authorized Ti-Sales, Inc. to provide Neptune water meters for capital project “Water Meter Replacement Program – Phase I”.

The process to select Ti-Sales, Inc. came after LCWSA solicited proposals from four qualified vendors to assist LCWSA in upgrading to an Automatic Meter Reading System (AMR) which consisted of replacing 300-400 water meters. LCWSA staff and engineers evaluated the proposals in accordance with criteria and corresponding weighting identified in a Request For Proposal (RFP), which included: Price Proposal (50%), Qualifications/Experience (30%), References (10%), Scalability (10%), and Warranty (10%).

The review and selection process resulted in Neptune water meters being selected as the preferred meter type, and awarded Ti-Sales, Inc. as the preferred, and only distributor in this geographic region for Neptune meters. Since 2018, LCWSA has purchased Neptune meters from Ti-Sales, Inc. for inventory replacement.

The current water meter replacement project, which is part of the ~\$8M County Wide Water Improvement Project, will be replacing approximately 2,330 water meters. LCWSA will be hiring additional staff to implement the meter replacement project as well as purchase 2,330 water meters. The NYS Environmental Facilities Corporation (EFC) requires LCWSA to either competitively bid the purchase of water meters or standardize the equipment. Because LCWSA has already evaluated and selected Neptune meters, as well as replaced approximately one-third of its current inventory of meters with Neptune meters, it is not suggested that LCWSA change meter type. In addition, Ti-Sale, Inc. is the only provider of Neptune water meters in our geographical region, therefore competitively bidding water meters would result in only one bidder. By standardizing our water meter by resolution, LCWSA will not have to competitively bid water meters in the future and will also be exempt from future MWBE requirements for water meter purchases as there are no MWBE vendors that provide Neptune meters.

**Financial Implications:** The quoted price for 2,330 water meters is \$533,400. This quote was provided by Ti-Sales, Inc. on January 25<sup>th</sup>. LCWSA placed the order based on this quote as the price of water meters was expected to increase 10% starting February 1<sup>st</sup>. Funding for the water meter replacement project is part of the ~\$8M County Wide Water Improvements Project.



**RESOLUTION NO. 2022-11**

**RESOLUTION AUTHORIZING THE EXECUTIVE DIRECTOR OF THE LIVINGSTON COUNTY WATER AND SEWER AUTHORITY TO SIGN A MEMORANDUM OF AGREEMENT WITH THE LIVINGSTON COUNTY BOARD OF SUPERVISORS FOR PROJECT MANAGEMENT AND OVERSIGHT SERVICES**

WHEREAS, on December 23, 2014, an Order On Consent and Administrative Settlement was entered into by and among the State of New York, the County of Livingston, Akzo Nobel, Inc. and Akzo Nobel Salt Inc. (collectively "Akzo Nobel") for purposes of addressing the Retsof Salt Mine collapse that occurred on March 12, 1994. Said Order required Akzo Nobel to pay \$20,000,000.00 jointly to the State and the County with the understanding the proceeds would be used to address the impacts of the collapse; and

WHEREAS, the Livingston County Board of Supervisors authorized the County Administrator to form a committee, now known as the Akzo Settlement Committee, for purposes of developing policies and procedures and providing recommendations on projects to be funded through the use of the Akzo Nobel settlement funds; and

WHEREAS, Resolution 2021-185 formally approved the Akzo Settlement Committee's recommendation to fund planning and engineering work needed to improve the public drinking water infrastructure for the Towns of Leicester and York ("Project") and authorized the County Administrator to submit the required documentation to the New York State Attorney General's Office and the New York State Department of Environmental Conservation for purposes of obtaining approval to utilize Akzo Nobel settlement funds for this Project. Said approval was subsequently received from these state agencies on or about July 8, 2021; and

WHEREAS, the Akzo Settlement Committee strongly believes project management and oversight assistance is needed for the Project. Pursuant to discussions with the Livingston County Water and Sewer Authority's ("Authority") Executive Director, the Committee has become aware of the Authority's strong qualifications and staff capacity to provide the needed project management and oversight assistance. Furthermore, the Project corresponds nicely with the Authority's mission to provide high quality, environmentally sound, efficient, reliable, and affordable water and sewer services to the people who live, work and visit Livingston County. As such, the Akzo Settlement Committee has recommended the execution of a Memorandum of Agreement between Livingston County and the Authority relative to the Authority providing desired project management and oversight assistance; now, therefore, be it

RESOLVED, that the Livingston County Water and Sewer Authority Board hereby supports the recommendation of the Akzo Settlement Committee, and the Executive Director is hereby authorized to sign any and all necessary Memorandum of Agreement documents with Livingston County, subject to review and approval by the LCWSA Attorney; now, therefore, be it further

RESOLVED, the Livingston County Water and Sewer Authority Board authorizes the Executive Director to sign any and all necessary documents with Livingston County to effectuate project

management and oversight assistance for furthering the successful completion of the Project, subject to review and approval by the LCWSA Attorney.

February 16, 2022

Livingston County Water & Sewer Authority

Moved By:

Seconded By:

AYES:

NAYS:

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To: Livingston County Water and Sewer Authority Board

From: Jason Molino, Executive Director 

Date: February 8, 2022

Subject: Memorandum of Agreement with Livingston County

**Action Requested:** Board approval of a resolution for entering into a Memorandum of Agreement with Livingston County to designate and authorize LCWSA to provide project management and oversight assistance for the planning and engineering work needed to improve the public drinking water infrastructure for the Towns of Leicester and York and other parts of Livingston County.

**Background:** In May 2021 the County submitted an application (\$700,000 total; 50/50 match of which \$350,000 was Akzo Settlement Funds) to the Northern Border Regional Commission to fund planning, environmental, design and engineering work and partial implementation of water infrastructure improvements for the Towns of Leicester and York. This followed the completion of the Livingston County Comprehensive Water Supply Update in December 2020. The County's application was not awarded funding.

After several months of discussion, the Akzo Settlement Committee has recommended that the County still use \$350,000 of the Akzo Settlement Funds for the planning, environmental, design and engineering work for the water infrastructure improvements as originally intended. During these discussions I offered that LCWSA provide project management and oversight services at no cost to the County considering this project is in line with our mission and LCWSA will likely be very involved with the county wide water expansion discussion. The Akzo Settlement Committee has recommended this approach to the Board of Supervisors, suggesting a Memorandum of Agreement (MOA) be executed with LCWSA outlining project management and oversight services for the project. It was also recommended a Project Management Committee would be formed comprising representatives from the Akzo Settlement Committee and LCWSA. A resolution to execute a MOA with LCWSA was adopted at the February 9, 2022 Board of Supervisors meeting.

**Financial Implications:** There are no financial implications in taking on the project management and oversight services role for this project other than staff time. All engineering and planning costs will be paid for by Livingston County with Akzo Settlement Funds.



**RESOLUTION NO. 2022-12**

**RESOLUTION TO ACCEPT A PROPOSAL FROM GHD CONSULTING SERVICE INC. (GHD) FOR PROFESSIONAL SERVICES TO SUPPORT MODIFICATIONS AND IMPROVEMENTS TO THE LIVINGSTON COUNTY WATER AND SEWER AUTHORITY COMMUNICATION SYSTEM**

WHEREAS, The Livingston County Water & Sewer Authority (“Authority”) operates and maintains a large number of pump stations, water tanks, and pressure relief valve facilities across their service area. These facilities all communicate using various technologies to the central programmable logic controller (“PLC”) and supervisory control and monitoring computer (“SCADA”) located at the Lakeville Wastewater Treatment Facility; and

WHEREAS, Installations and updates to the existing equipment have occurred over many years under many different projects, and resulted in a variety of designs and implementations of equipment and technology across the system. Troubleshooting and maintenance of the system automation has become difficult and cumbersome due to the lack of up-to-date and accurate electrical and automation documentation, age of equipment, availability of spare parts and the lack of the ability of the Authority to make configuration/programming changes; and

WHEREAS, The communication system also suffers from periodic outages and interruptions requiring a power cycle to the equipment causing additional labor and travel costs; and

WHEREAS, The current SCADA system is antiqued and in need of upgrades, and the Authority Board, through the adoption of the 2022 budget and the County Wide Water Improvements Project, has identified a capital project to invest in updating the system for future reliability, continuity of operations and growth in customer base; and

WHEREAS, GHD has provided a scope of work that will address the deficiencies in the current system including:

- The development of a modern and reliable communications infrastructure plan across all remote system assets;
- The collaborative development of a design standard for communication systems, automation equipment, control elements, and monitoring devices;
- The production of a multi-phased approach to the construction and integration of the remote assets;
- The development of construction drawings and a specification package, as needed, for the assets and equipment designated for the first phase of construction. The assets will consist of a mixture of potable water and wastewater facilities; and therefore, be it

RESOLVED, The Livingston County Water and Sewer Authority Board approves a proposal from GHD for an amount not to exceed \$150,000 for communication improvements, automation design standardization, cybersecurity audit and design, multi-phased design/bid/build up plan and first phase design services.

February 16, 2022

Livingston County Water & Sewer Authority

Moved By:

Seconded By:

AYES:

NAYS:

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To: Livingston County Water and Sewer Authority Board

From: Jason Molino, Executive Director 

Date: February 8, 2022

Subject: SCADA Design

**Action Requested:** Board approval to accept a proposal from GHD Consulting Services Inc. (GHD) for professional services to support modifications and improvements to the Livingston County Water and Sewer Authority (Authority) communication system.

**Background:** The Authority currently operates and maintains many pump stations, water tanks, and pressure relief valve facilities across our service area. These facilities all communicate using various technologies and supervisory control and monitoring computer (SCADA) located at the Lakeville Wastewater Treatment Facility.

In recent years, there has been discussion with the Board regarding needed upgrades to the current communications system as installations and updates to the existing equipment have occurred over many years under many different projects. The current condition of the system makes troubleshooting and maintenance of the system difficult and cumbersome due to the lack of up-to-date and accurate electrical and automation documentation, age of equipment, availability of spare parts and the lack of the ability of the Authority to make configuration/programming changes. The communication system also suffers from periodic outages and interruptions requiring a power cycle to the equipment causing additional labor and travel costs; and

The Authority Board, through the adoption of the 2022 budget approved a capital project (\$370,000 – SCADA System Wide Improvements Phase 1) to design system upgrades needed to provide greater reliability and continuity of operations with our communications system. This effort was further supported with expanding the County Wide Water Improvements Project and increasing the bond resolution at the January 2022 Board meeting to provide an additional \$900,000 of funding for SCADA upgrades.

GHD has provided a scope of work that will address the deficiencies in the current system including, the development of a modern and reliable communications infrastructure plan across all remote system assets; the collaborative development of a design standard for communication systems, automation equipment, control elements, and monitoring devices; the production of a multi-phased approach to the construction and integration of the remote assets; and the development of construction drawings and a specification package, as needed, for the assets and equipment designated for the first phase of construction.



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Executive Director  
Jason Molino

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**Financial Implications:** The provided scope of work will provide the Authority with design standards for future upgrades and system expansion as well as assist with developing bid documents for the first phase of upgrades. The fee for this proposal is \$144,800. It is requested that the Board approve an amount not to exceed \$150,000 providing some additional contingency for any unforeseen additions to the scope of work.