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Meeting ID: 820 7161 7212

**TOWN OF THOMPSON  
-Regular Meeting Agenda-**

**TUESDAY, AUGUST 18, 2020**

**7:00 PM MEETING**

**\*\*DUE TO THE COVID-19 PANDEMIC THIS MEETING WILL BE STREAMED LIVE ON ZOOM**

**TO JOIN: PLEASE SEE OUR TOWN WEBSITE: [WWW.TOWNOFTHOMPSON.COM](http://WWW.TOWNOFTHOMPSON.COM)**

**OR FACEBOOK @ TOWN OF THOMPSON NY**

**CALL TO ORDER  
ROLL CALL  
PLEDGE TO THE FLAG**

**APPROVAL OF PREVIOUS MINUTES:** August 4<sup>th</sup>, 2020 Regular Town Board Meeting

**PUBLIC COMMENT**

**CORRESPONDENCE:**

- **Town Clerk Calhoun:** Letter dated 08/11/20 to Mr. Robert Krutman, Esq. Re: Response to (FOIL) Request pertaining to Forest Park Estates, SBL #9.-1-67.
- **Town Clerk Calhoun:** Letter dated 08/13/20 to Lebaum Company, Inc. Re: Verified Answer to the Amended Complaint involving Notice of Claim for Claimant Noreen K. Padua, Date of Loss: 06/13/2019.

**AGENDA ITEMS:**

**1) KIAMESHA LAKE WWTP IMPROVEMENT PROJECT:**

- **REVIEW & ACCEPT MAP, PLAN & REPORT – COMPLETED BY DELAWARE ENGINEERING, D.P.C.**
- **APPROVE ORDER CALLING PUBLIC HEARING FOR BONDING**

**2) EMERALD GREEN WWTP IMPROVEMENT PROJECT:**

- **REVIEW & ACCEPT MAP, PLAN & REPORT – COMPLETED BY DELAWARE ENGINEERING, D.P.C.**
- **APPROVE ORDER CALLING PUBLIC HEARING FOR BONDING**

**3) APPROVE STANDARD WORK DAY AND REPORTING RESOLUTION FOR ELECTED AND APPOINTED OFFICIALS (RS 2417-A) NYS RETIREMENT SYSTEM**

**4) DISCUSS SCHEDULING FALL CLEAN UP AND SHRED DAY EVENTS**

**5) REQUEST TO APPROVE SETTLEMENT OFFER OF TOTAL RECOVERY RESOURCES AND COORDINATION (TRRAC) IN THE AMOUNT OF \$12,666.88 LESS THE ADMINISTRATIVE FEE OF \$2,533.38 FOR ADELAAR LIGHTING DISTRICT**

**6) REVIEW & APPROVE CHANGE ORDER NO. 3 FOR EMERALD GREEN SEWER DISTRICT REHABILITATION PROJECT (CONTRACT 2G FOR OSTERHOUDT EXCAVATING, INC.) FOR CREDIT OF \$14,488.18 (MH&E PROJECT NO. 18-701)**

**7) BILLS OVER \$2,500.00**

**8) BUDGET TRANSFERS & AMENDMENTS**

**9) ORDER BILLS PAID**

**10) UPDATE: CORONAVIRUS (COVID-19) PANDEMIC**

**OLD BUSINESS  
NEW BUSINESS**

**REPORTS: SUPERVISOR, COUNCILMEN, & DEPARTMENT HEADS  
PUBLIC COMMENT  
ADJOURN**

MARILEE J. CALHOUN  
Town Clerk

KELLY M. MURRAN  
Deputy Town Clerk

# Town of Thompson

TOWN HALL  
4052 Route 42  
Monticello, NY 12701-3221

Telephone (845) 794-2500 Ext.302  
Fax (845) 794-8600

C

August 11, 2020

Mr. Robert Krutman, Esq.

Re: Freedom of Information Law (FOIL) Request  
Forest Park Estates, SBL # 9.-1-67

Dear Attorney Krutman:

I am in receipt of your above-mentioned (FOIL) request dated August 6<sup>th</sup>, 2020. I searched our records and was unable to locate a Map, Plan and Report for Forest Park Estates. I contacted the Building, Planning & Zoning Department to inquire further and was advised that there is no Map, Plan and Report since this property was already located in the Kiamesha Lake Sewer District prior to Development.

In the event that this request is being denied in part or whole you have the right to appeal such decision in writing within 30-days of the denial. Appeals should be directed to Town Attorney Michael B. Mednick, PO Box 612, Monticello, New York 12701.

Thank you for your attention to this matter and please feel free to contact me or the Building, Planning & Zoning Department should you have any questions.

Sincerely,



Marilee J. Calhoun  
Town Clerk

MJC:

PC:  Hon. William J. Rieber, Jr., Supervisor and Town Board  
Mr. Michael B. Mednick, Town Attorney  
Mrs. Paula E. Kay, Town Attorney  
Mr. James L. Carnell, Jr., Building, Planning & Zoning

MARILEE J. CALHOUN  
Town Clerk

KELLY M. MURRAN  
Deputy Town Clerk

# Town of Thompson

TOWN HALL  
4052 Route 42  
Monticello, NY 12701-3221

Telephone (845) 794-2500 Ext.302  
Fax (845) 794-8600

August 13, 2020

Lebaum Company, Inc.  
PO Box 450  
Monsey, New York 10952

Re: Notice of Claim – Date of Loss: 06/13/2019  
Claimant: Noreen K. Padua

To Whom It May Concern:

Enclosed please find a copy of a **Verified Answer to the Amended Complaint** on the above matter that was received into this office on 08/11/2020 from Sobo & Sobo, Attorneys at Law, on behalf of Noreen K. Padua, Claimant. A copy has also been forwarded to the Town Attorney, Town Board, Comptroller, and Highway Superintendent.

Thank you in advance for your prompt attention to this matter and if you should have any questions regarding the above, feel free to contact our Town Attorney Michael B. Mednick, Esq. at (845) 794-5200.

Sincerely,



Marilee J. Calhoun  
Town Clerk

Encl. (1 Set)  
MJC:kmm

PC: Michael B. Mednick, Town Attorney  
PO Box 612  
Monticello, New York 12701

✓ Hon. William J. Rieber, Jr., Supervisor and Town Board

Melissa DeMarmels, Town Comptroller

Hon. Richard L. Benjamin, Jr., Highway Superintendent

AI  
#1

**marilee (clerk-town of thompson)**

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**From:** Helen Budrock <hbudrock@delawareengineering.com>  
**Sent:** Wednesday, August 12, 2020 2:24 PM  
**To:** Mayer, Randolph J.  
**Cc:** William J. Rieber, Jr.; Robert Chiappisi; Marilee Calhoun; John Peterson; Poh, Uyen; Mike Messenger  
**Subject:** RE: Kiamesha MPR for board packet and bond resolution  
**Attachments:** Kiamesha MPR Complete 8.12.20.pdf  
**Importance:** High

To all:

Attached is a copy of the updated MPR for the Kiamesha WWTP for inclusion in the board packet. Randy, please prepare the bond resolution with an anticipated public hearing date of September 1, 2020.

Emerald Green to follow shortly. Let me know if you have any questions.

Helen

**Helen Budrock**

Senior Planner  
☎: 845.791.7777 x121 (office)  
☎: 845.665.1468 (cell)  
✉: 548 Broadway | Monticello, NY 12701  
🌐: [www.delawareengineering.com](http://www.delawareengineering.com)



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**From:** Mayer, Randolph J. <randolph.mayer@nortonrosefulbright.com>  
**Sent:** Monday, August 3, 2020 10:12 AM  
**To:** Helen Budrock <hbudrock@delawareengineering.com>  
**Cc:** William J. Rieber, Jr. <supervisor@townofthompson.com>; Robert Chiappisi <rchiappisi@delawareengineering.com>; Marilee Calhoun <marilee@townofthompson.com>; John Peterson <jpeterson@delawareengineering.com>; Poh, Uyen <uyen.poh@nortonrosefulbright.com>  
**Subject:** Re: Kiamesha & Emerald Green MPRs for resolution

Hello Helen. I haven't seen anything on this recently, so I just wanted to confirm that we don't need proceedings for tomorrow for the various affected districts.

Randy Mayer

Sent from my iPhone

On Jul 20, 2020, at 2:03 PM, Mayer, Randolph J. <[randolph.mayer@nortonrosefulbright.com](mailto:randolph.mayer@nortonrosefulbright.com)> wrote:

Thanks Helen. We appreciate your help and will await developments.

Randy Mayer

Sent from my iPhone

On Jul 20, 2020, at 1:52 PM, Helen Budrock <[hbudrock@delawareengineering.com](mailto:hbudrock@delawareengineering.com)> wrote:

Randy:

Thank you very much for your thorough review and comments. I just got off the phone with Bill Rieber and we both agree that it is important for all of the affected property owners (including those in the other districts) to have a clear understanding of the rate impact of the proposed upgrade, and to have the appropriate notice and opportunity to be heard at the hearing. To that end, we will keep the proposed upgrades on the Town Board agenda as a discussion item but Bill would prefer to hold off on adopting the MPRs and setting the public hearing date until we can get additional information we need to calculate the rate impact for all users.

Our hope is to have the updated rate impact info incorporated into a revised MPR for adoption at the next meeting on August 4<sup>th</sup>. We will keep you posted!

Thanks very much for your patience,

Helen Budrock

**Helen Budrock**

Senior Planner

☎: 845.791.7777 x121 (office)

☎: 845.665.1468 (cell)

✉: 548 Broadway | Monticello, NY 12701

🌐: [www.delawareengineering.com](http://www.delawareengineering.com)

<image001.jpg>

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**From:** Mayer, Randolph J. <[randolph.mayer@nortonrosefulbright.com](mailto:randolph.mayer@nortonrosefulbright.com)>

**Sent:** Monday, July 20, 2020 2:06 PM

**To:** William J. Rieber, Jr. <[supervisor@townofthompson.com](mailto:supervisor@townofthompson.com)>

**Cc:** Helen Budrock <[hbudrock@delawareengineering.com](mailto:hbudrock@delawareengineering.com)>; Robert Chiappisi

<[rchiappisi@delawareengineering.com](mailto:rchiappisi@delawareengineering.com)>; Marilee Calhoun

<[marilee@townofthompson.com](mailto:marilee@townofthompson.com)>; John Peterson

<[jpeterson@delawareengineering.com](mailto:jpeterson@delawareengineering.com)>; Poh, Uyen

<[uyen.poh@nortonrosefulbright.com](mailto:uyen.poh@nortonrosefulbright.com)>

**Subject:** Re: Kiamesha & Emerald Green MPRs for resolution

Hello Supervisor Rieber.

Yes, the Town can determine to apportion the Capital costs of an which benefits multiple improvement districts. A combined hearing could be held under Section 202-b, and the notice of hearing would have to state the estimated maximum cost to be apportioned to each district. The MPR would have to include the user costs for each benefited district.

In this way, each affected property owner (including those in the other districts) would have notice and the opportunity to be heard at the hearing. The present MPR assumes that the other districts will in some manner bear a portion of the capital costs, but it does not state which districts will bear which costs or state what the expected costs per property are in those districts. Please feel free to call me at +19142603216 about this if you have any questions; certain consequences of this approach are probably more easily communicated in a call.

Sent from my iPhone

On Jul 20, 2020, at 8:25 AM, William J. Rieber, Jr.  
<[supervisor@townofthompson.com](mailto:supervisor@townofthompson.com)> wrote:

Randy

So if I understand it correctly, you are saying that we can apportion the capital costs between districts without consolidation if we so choose. Is that correct?

I do think that for management purposes consolidation will make things easier.

Bill

*William J. Rieber, Jr.*  
Supervisor  
Town of Thompson  
845-794-2500 Ext. 306  
845-794-8600 – Fax  
Email: [supervisor@townofthompson.com](mailto:supervisor@townofthompson.com)

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**From:** Mayer, Randolph J.  
[<mailto:randolph.mayer@nortonrosefulbright.com>]  
**Sent:** Friday, July 17, 2020 4:38 PM  
**To:** 'Helen Budrock' <[hbudrock@delawareengineering.com](mailto:hbudrock@delawareengineering.com)>  
**Cc:** Robert Chiappisi <[rchiappisi@delawareengineering.com](mailto:rchiappisi@delawareengineering.com)>; Marilee Calhoun <[marilee@townofthompson.com](mailto:marilee@townofthompson.com)>; William J. Rieber, Jr. <[supervisor@townofthompson.com](mailto:supervisor@townofthompson.com)>; John Peterson <[jpeterson@delawareengineering.com](mailto:jpeterson@delawareengineering.com)>  
**Subject:** RE: Kiamesha & Emerald Green MPRs for resolution

Hello Helen.

Here is the provision of Section 202-b of the Town Law, which, if the Town elected to proceed on that basis, would require an allocation of capital costs to each benefitted district:

The powers hereinbefore provided in subdivisions one and two of this section may be exercised by the town board on behalf of two or more districts jointly, provided that such districts are wholly situated in the town, and whether or not the districts were established for the same purpose. The notice of hearing shall be published and the hearing held in the manner provided in subdivision one of this section. The cost, including both debt service and operation and maintenance, shall be annually apportioned among the districts by the town board, and the amounts so apportioned shall be levied and collected in each district as provided in sections two hundred two and two hundred two-a hereof.

**Randolph J. Mayer** | Of Counsel  
1301 Avenue of the Americas, New York, New York 10019-6022, United States  
Tel +1 212 318 3383 | Cell +1 914 260 3216  
[randolph.mayer@nortonrosefulbright.com](mailto:randolph.mayer@nortonrosefulbright.com)

*Law around the world*  
[nortonrosefulbright.com](http://nortonrosefulbright.com)

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**From:** Helen Budrock [<mailto:hbudrock@delawareengineering.com>]  
**Sent:** Friday, July 17, 2020 12:32 PM  
**To:** Mayer, Randolph J. <[randolph.mayer@nortonrosefulbright.com](mailto:randolph.mayer@nortonrosefulbright.com)>  
**Cc:** Robert Chiappisi <[rchiappisi@delawareengineering.com](mailto:rchiappisi@delawareengineering.com)>; Marilee Calhoun <[marilee@townofthompson.com](mailto:marilee@townofthompson.com)>; William J. Rieber, Jr. <[supervisor@townofthompson.com](mailto:supervisor@townofthompson.com)>; John Peterson <[jpeterson@delawareengineering.com](mailto:jpeterson@delawareengineering.com)>  
**Subject:** RE: Kiamesha & Emerald Green MPRs for resolution

Randy:

Just checking in to see if you have everything you need to prepare the resolutions accepting the MPRs and setting a public hearing date for August 4<sup>th</sup> in reference to the Kiamesha and Emerald Green WWTP upgrades. You should have copies of both MPRs, but I attached them just in case. If there is anything else you need, just let me know.

Thanks for the help, and have a great weekend!

Helen

**Helen Budrock**

Senior Planner

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# TOWN OF THOMPSON, NY

SULLIVAN COUNTY, NEW YORK

## KIAMESHA LAKE WASTEWATER TREATMENT PLANT UPGRADE MAP, PLAN, & REPORT

PREPARED FOR:

**TOWN OF THOMPSON, NY**

4052 STATE ROUTE 42  
MONTICELLO, NY 12701

PREPARED BY:



**DELAWARE ENGINEERING, D.P.C.**

55 SOUTH MAIN STREET  
ONEONTA, NEW YORK 13320  
607-432-8073

**AUGUST 12, 2020**



## 1.0 Introduction

This Map, Plan, and Report (MPR) has been prepared as required by, and in accordance with New York State Town Law 202b, and is intended to assist Town officials and residents in evaluating the public benefit of a project that will upgrade the wastewater treatment plant (WWTP) serving the Kiamesha Lake Sewer District. Completion of the MPR is required whenever a town resolves to undertake a project to improve or reconstruct existing facilities and appurtenances on behalf of a sewer district.

A comprehensive upgrade of the 65 year-old facility is necessary to meet recently updated water quality standards, to improve and expand bio-solids processing capacity, and to ensure the plant's long-term viability.

In February 2020, the Town was informed by the New York State Environmental Facilities Corporation (NYSEFC) that this upgrade project is eligible for interest-free ("hardship") financing for a term of up to 30 years through the Clean Water State Revolving Fund (CWSRF).

The Town intends to seek additional financial support for this upgrade through other funding programs. However, since funding from those sources has not yet been secured, this MPR assumes that the CWSRF will be the sole source of funding.

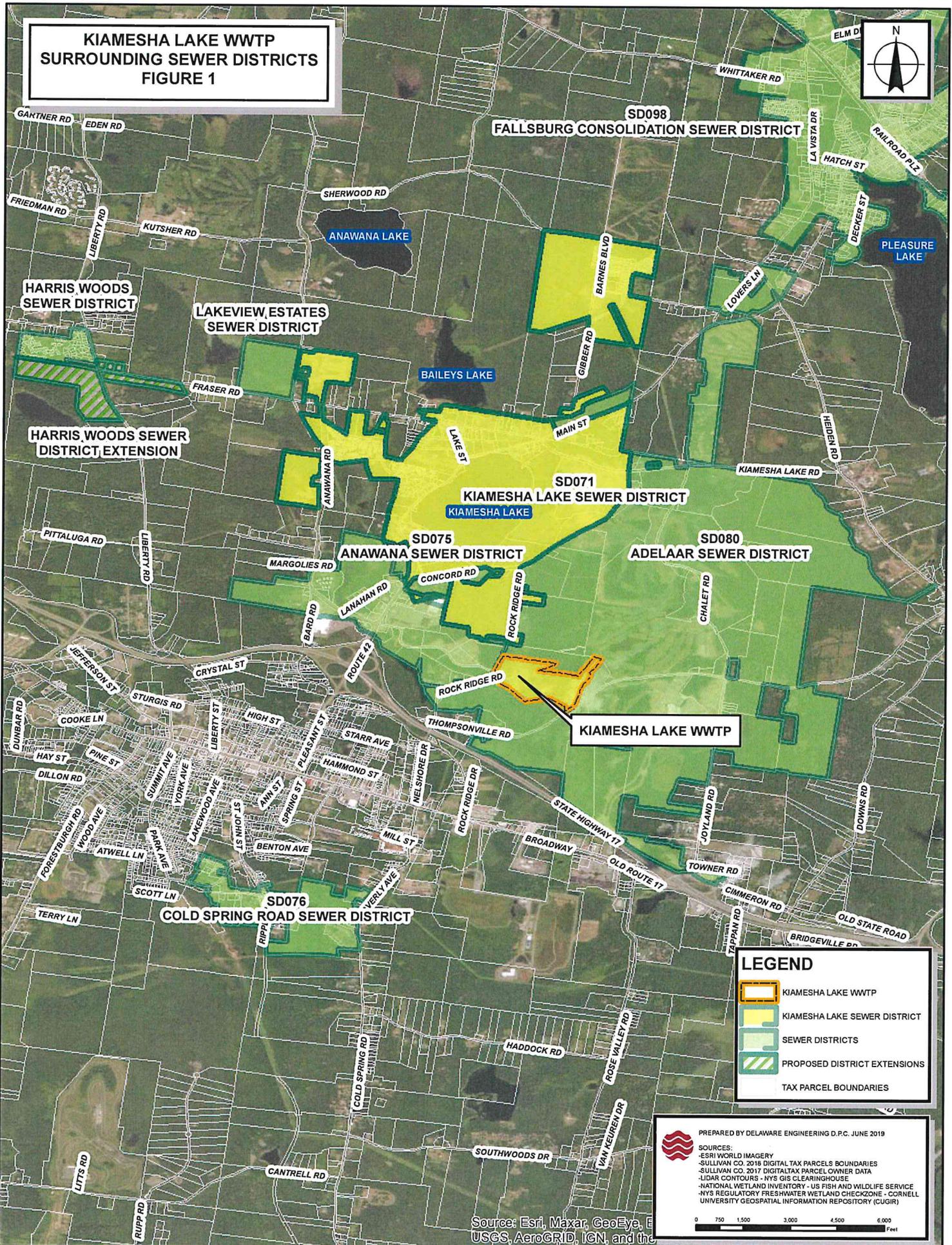
### 1.1 Background

The Town of Thompson, Sullivan County, is located in the foothills of New York State's Catskill Mountain region. The Town owns and operates the Kiamesha Lake wastewater treatment plant (WWTP) which is located on a 48.3-acre parcel along Rock Ridge Road, northeast of the NYS Route 17/42 interchange. A map identifying the Kiamesha Lake WWTP site and sewer district boundaries is included as **Figure 1 – Location Map**.

The WWTP serves residents and businesses in the hamlet of Kiamesha Lake which has a full-time population of approximately 1,100 residents. The Kiamesha Lake sewer district has 378 service accounts of which 287 ( $\pm$  75%) are single-family dwellings. While there are no large industrial users connected to the system, wastewater from the Adelaar Resort complex and the Route 42 commercial corridor is treated at the Kiamesha Lake WWTP.

The WWTP is regulated by the New York State Department of Environmental Conservation (NYSDEC) under the State Pollutant Discharge Elimination System (SPDES) Permit program and operates under SPDES Permit No. NY 003 0724. The SPDES permit regulates the volume (capacity) and quality of water (effluent) permitted to be discharged from the facility, and details the daily and monthly water quality monitoring requirements.

**KIAMESHA LAKE WWTP  
SURROUNDING SEWER DISTRICTS  
FIGURE 1**



**LEGEND**

-  KIAMESHA LAKE WWTP
-  KIAMESHA LAKE SEWER DISTRICT
-  SEWER DISTRICTS
-  PROPOSED DISTRICT EXTENSIONS
-  TAX PARCEL BOUNDARIES

PREPARED BY DELAWARE ENGINEERING D.P.C. JUNE 2019

**SOURCES:**

- ESRI WORLD IMAGERY
- SULLIVAN CO. 2018 DIGITAL TAX PARCELS BOUNDARIES
- SULLIVAN CO. 2017 DIGITAL TAX PARCEL OWNER DATA
- LIDAR CONTOURS - NYS GIS CLEARINGHOUSE
- NATIONAL WETLAND INVENTORY - US FISH AND WILDLIFE SERVICE
- NYS REGULATORY FRESHWATER WETLAND CHECKZONE - CORNELL UNIVERSITY GEOSPATIAL INFORMATION REPOSITORY (CUGIR)

0 750 1,500 3,000 4,500 6,000 Feet

Source: Esri, Maxar, GeoEye, Earthstar, CNES, Airbus, GeoEye, USDA, USGS, AeroGRID, IGN, and the

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The SPDES permit allows for the plant to discharge up to 2.0 million gallons per day (MGD), although the plant typically operates at approximately 50% capacity. Outflows from the plant are received by an unnamed tributary of the Kiamesha Creek. In 2017, the SPDES permit was modified to include discharge limits for fecal coliform and chlorine residual. To meet the updated permit limits, the Town will install ultra-violet (UV) disinfection facilities as part of the planned facility upgrade.

## 1.2 Reasons for the Project

- 1) The Kiamesha Lake WWTP has been in service for nearly 65 years and while the equipment, systems and processes have been maintained throughout the intervening years, the plant is approaching the end of its design life expectancy, typically 35-40 years. In addition, the plant employs older technologies that are costly to repair and maintain due to the difficulties in obtaining replacement parts.
- 2) In order to maintain SPDES permit compliance, the Town is required to install disinfection facilities by May 2022. Effluent disinfection is required to meet the permit limits for fecal coliform (since the Town intends to employ UV disinfection, chlorine residual limits will not be a factor). The plant does not currently have any disinfection facilities to address the modified permit limits. Without this upgrade, the plant will be out of compliance with permit discharge limits after May of 2022.
- 3) In addition to the Kiamesha Lake WWTP, the Town of Thompson owns and operates four additional wastewater treatment facilities. Kiamesha Lake is the only plant with functional sludge handling and processing equipment. Consequently, sludge from the other Town plants is sent to the Kiamesha facility for processing. Processing the additional sludge strains the plant's aging equipment, making upgrades to the existing system both necessary and prudent. Additionally, new technologies will reduce the overall sludge volume thereby lowering disposal costs.

To address these conditions, the Town is proposing a comprehensive WWTP upgrade with an estimated capital project cost of **\$26,535,721**. The proposed project will upgrade the existing plant and provide new treatment facilities that will ensure continued compliance with SPDES permit requirements for the near term, as well as for the estimated loading conditions at 2.0 MGD.

## 2.0 District Boundary Description

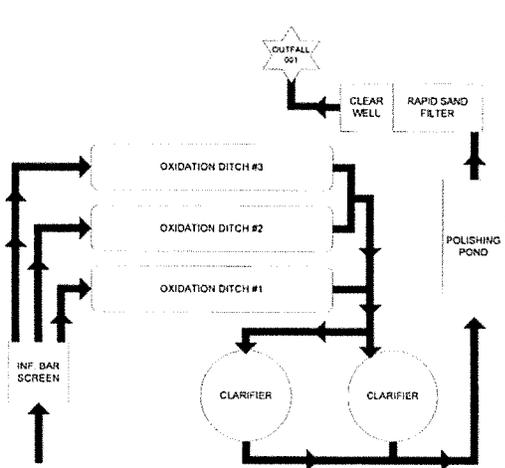
The Town of Thompson owns, operates and maintains multiple sanitary sewer districts. The primary sewer district served by the Kiamesha Lake WWTP is the Kiamesha Lake Sewer District. As shown in **Figure 1**, outside users in four additional districts also convey sanitary sewage to the Kiamesha plant as follows:

- Adelaar Resort Sewer District
- Anawana Sewer District
- Harris Woods Sewer District
- Lakeview Estates Sewer District

An expansion of the Harris Woods sewer district is currently under review by the Thompson Town Board as shown in Figure 1. This proposed expansion would include two existing bungalow colonies and four single-family residential properties located in the vicinity of Harris Woods along Old Liberty Road and Fraser Road.

## 3.0 Description of Existing WWTP Facilities

The Kiamesha Lake WWTP is an extended aeration, oxidation ditch style, activated sludge treatment plant that achieves biological ammonia removal through nitrification. The secondary treatment process includes two clarification tanks, while tertiary treatment uses sand filtration units to meet discharge permit levels.



Process Diagram from SPDES permit

Influent enters the facility through the influent channel structure where it passes through a mechanically cleaned bar screen, Parshall flume, grit chamber, and flow splitter box. At the flow splitter box, the incoming sewage is divided and conveyed to the three oxidation ditches.

Effluent from the oxidation ditch flows to the secondary clarifiers and then to the sand filter units for tertiary treatment. Tertiary effluent passes through the post aeration tank prior to discharge to an unnamed tributary of the Kiamesha Creek.

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## 4.0 General Plan of Improvements

The following is a summary of the principal proposed upgrades and improvements necessary to adequately treat current demands and provide for future needs. The current proposed layout of these facilities is shown on the site plan (see **Figure 2 – Upgrade Site Plan**).

The comprehensive facility upgrades and improvements will encompass plant buildings, equipment, systems, and site conditions. Significant improvements include installation of a new UV disinfection system, Autothermal Thermophilic Aerobic Digestion (ATAD) system and sludge press, and construction of a new Maintenance and Shop building.

The upgrade will occur within the current property limits and within previously disturbed areas.

The following is a detailed list of proposed improvements to the Kiamesha Lake WWTP

- Influent Channel and Flow Splitter Box Improvements
- Grit Removal Improvements
- Oxidation Ditch Improvements
- Process Air Supply Blower Improvements
- Sand Filter Improvements
- Post Aeration Improvements
- New UV Disinfection System & Building
- Sludge Holding Tank Improvements
- RAS/WAS Pump Improvements
- Aerobic Sludge Digestion Improvements (new ATAD system)
- Sludge Press Improvements
- Sludge Drying Bed Improvements
- Pump Station Process Improvements
- Control Building Improvements
- Grit Removal Building Improvements
- Filter Building Improvements
- Storage Building Improvements
- Blower Building Improvements
- New Work Shop and Maintenance Building
- New emergency generator
- Yard Piping Improvements
- Site Work Improvements
- SCADA Improvements
- Instrumentation Improvements



## 5.0 Proposed District Operations

The Town of Thompson Water and Sewer Department oversees day-to-day operations, maintenance and administration of all four of the Towns' wastewater treatment facilities. The department is managed by the superintendent and assistant superintendent with support by a foreman and account clerk. Additionally, the Kiamesha plant employs a dedicated staff of one 3a-certified licensed operator and three 2a-certified operators.

It is anticipated that additional personnel will not be required to operate or maintain the upgraded facilities, and staffing is anticipated to remain at current levels.

## 6.0 Statement of Regulatory Review and Approvals Required Prior to Construction

Regulatory review and approvals of the engineering report and design documents are anticipated to be conducted by the NYS Department of Environmental Conservation (DEC) and the NYS Environmental Facilities Corporation (EFC).

Plans will also be submitted to the Delaware River Basin Commission (DRBC), a regional water resource management consortium made up of four states and the US Army Corps of Engineers. The DRBC coordinates with states and local governments on water and wastewater projects throughout the Delaware River Basin region. The WWTP is located in an area identified by the DRBC as "special protection waters" and DRBC review is required for any new treatment facility or expansion of an existing facility with an average daily discharge rate of 10,000 gallons a day or more during any consecutive 30-day period.

Because this action will require the discretionary approval of multiple governmental and quasi-governmental agencies, NYS requires the completion of a State Environmental Quality Review (SEQR) coordinated with all involved, and potentially involved agencies. The SEQR process was initiated at the May 19, 2020 meeting of the Thompson Town Board, at which time the Board declared their intent to serve as lead agency for the Unlisted action.

## 7.0 Maximum Amount to be Expended

The maximum amount that is planned to be expended is **\$26,535,721** (see attached cost estimate).

**Town of Thompson, NY  
Kiamesha Lake WWTP Upgrade  
Estimated Project Cost Summary**

Last Revised 07-31-2020

		OPTION A 2019 PER Budget	OPTION B No DPW Bldg	OPTION C No DPW/No ATAD
1.)	Construction - All Trades (General, Electrical, HVAC, & Plumbing)			
a.)	Influent Channel/Flow Splitter Box Process Improvements	\$ 34,000	\$ 34,000	\$ 34,000
b.)	Mechanical Screen Process Improvements	\$ -	\$ -	\$ -
c.)	Grit Removal Process Improvements	\$ -	\$ -	\$ -
d.)	Oxidation Ditch D1 & D2 Process Improvements	\$ 949,140	\$ 949,140	\$ 949,140
e.)	Oxidation Ditch D3 Process Improvements	\$ 330,925	\$ 330,925	\$ 330,925
f.)	Blower Building Process Improvements	\$ 558,146	\$ 558,146	\$ 558,146
g.)	Secondary Clarifier Process Improvements	\$ 1,200	\$ 1,200	\$ 1,200
h.)	Filter Building Process Improvements	\$ 564,450	\$ 564,450	\$ 564,450
i.)	UV Disinfection Process	\$ 1,043,250	\$ 1,043,250	\$ 1,043,250
j.)	Polishing Lagoon Process Improvements	\$ -	\$ -	\$ -
k.)	Sludge Holding Tank Process Improvements	\$ 267,250	\$ 267,250	\$ 267,250
l.)	RAS/WAS Pump Process Improvements	\$ 355,200	\$ 355,200	\$ 355,200
m.)	Aerobic Sludge Digester Process (Added chiller \$60,000)	\$ 5,171,780	\$ 5,171,780	\$ -
n.)	Sludge Dewatering Process Improvements and Sludge Tanker Truck	\$ 1,033,400	\$ 1,033,400	\$ 1,033,400
o.)	Sludge Drying Bed Improvements	\$ 401,360	\$ 401,360	\$ 401,360
p.)	Pump Station Process Improvements	\$ 46,400	\$ 46,400	\$ 46,400
q.)	Control Building Improvements	\$ 191,305	\$ 191,305	\$ 191,305
r.)	Grit Removal Building Improvements	\$ 28,150	\$ 28,150	\$ 28,150
s.)	Filter Building Improvements	\$ 477,025	\$ 477,025	\$ 477,025
t.)	Storage Building Improvements (old Blower Building)	\$ 40,400	\$ 40,400	\$ 40,400
u.)	Blower Building Improvements	\$ 63,900	\$ 63,900	\$ 63,900
v.)	WWTP Work Shop/8-Bay Maintenance Building (9,900 SF) - New Item	\$ 2,944,100	\$ -	\$ -
w.)	Yard Piping	\$ 387,145	\$ 387,145	\$ 387,145
x.)	Site Work (Revised to include Paving limited to WWTP Work Shop area, disturbance <1 AC, no SWPPP req)	\$ 185,106	\$ 185,106	\$ 185,106
y.)	SCADA	\$ 438,000	\$ 438,000	\$ 438,000
z.)	Instrumentation	\$ 70,950	\$ 70,950	\$ 70,950
aa.)	WWTP Emergency Generator	\$ 576,000	\$ 576,000	\$ 576,000
ab.)	Other Expenses	\$ 85,200	\$ 85,200	\$ 85,200
ac.)	NYSEFC Contract Compliance	\$ 38,500	\$ 38,500	\$ 38,500
ad.)	Contractors Overhead and Profit (15% Max)	\$ 2,442,342	\$ 2,000,727	\$ 1,224,960
ae.)	Mobilization/Demobilization/Bonds/Insurance (3% Max)	\$ 561,739	\$ 460,167	\$ 281,741
	<b>Subtotal - All Construction</b>	<b>\$ 19,286,363</b>	<b>\$ 15,799,076</b>	<b>\$ 9,673,103</b>
5.)	Construction Cost Inflation Adjustment (@3% per year, August 2019 - Sept. 2021 Bidding = 2 Years)	\$ 1,157,182	\$ 947,945	\$ 580,386
	<b>Subtotal - Construction Cost Inflation Adjustment</b>	<b>\$ 1,157,182</b>	<b>\$ 947,945</b>	<b>\$ 580,386</b>
	<b>Subtotal - All Construction</b>	<b>\$ 20,443,545</b>	<b>\$ 16,747,021</b>	<b>\$ 10,253,489</b>
6.)	Other Costs (18%)	\$ 3,679,838	\$ 3,014,464	\$ 1,845,628
a.)	Engineering/Professional Services	\$ 3,531,886	\$ 2,866,512	\$ 1,697,676
	<b>Subtotal - Engineering/Professional Services</b>	<b>\$ 3,531,886</b>	<b>\$ 2,866,512</b>	<b>\$ 1,697,676</b>
b.)	Other Town Costs (includes short term financing for preconstruction phase \$1.5M @ 5% for 1 year)	\$ 147,952	\$ 147,952	\$ 147,952
	<b>Subtotal - Other Town Costs</b>	<b>\$ 147,952</b>	<b>\$ 147,952</b>	<b>\$ 147,952</b>
	<b>Subtotal - Other Costs</b>	<b>\$ 3,679,838</b>	<b>\$ 3,014,464</b>	<b>\$ 1,845,628</b>
7.)	Project Contingency (10% of Construction and Other Costs)	\$ 2,412,338	\$ 1,976,148	\$ 1,209,912
	<b>Subtotal - Project Contingency (10% of All Project Costs)</b>	<b>\$ 2,412,338</b>	<b>\$ 1,976,148</b>	<b>\$ 1,209,912</b>
8.)	SRF Issuance Costs (1.84%) (If hardship this goes to 0%)	\$ -	\$ -	\$ -
	<b>Subtotal - SRF Issuance Cost (1.84% of All Project Costs)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
	<b>Total Estimated Project Cost</b>	<b>\$ 26,535,721</b>	<b>\$ 21,737,633</b>	<b>\$ 13,309,029</b>

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## 8.0 Cost of Hook-Up Fees Charged by District, If any

The Town intends to continue with its current policy regarding hook-up fees and reserves the right to modify this in the future.

## 9.0 Detailed Explanation of Costs (How Costs are Computed)

The schedule of rates for capital improvements and operation and maintenance expenses for properties included in the Kiamesha Lake Sewer District and extension thereof are computed based on the number of rent points assigned to each property. Rent points are determined based on property use and codified in §194-46 *Schedule of Points* of the Town Code. Single family dwellings are assigned 7.5 rent points each for capital improvements and 7.5 rent points for operations and maintenance costs.

Additional sewer Districts that send wastewater to the Kiamesha WWTP include the Adelaar, Anawana, Harris Woods and Lake View Sewer Districts. These sewer districts have their own budgets for operation and maintenance and debt service for their collection systems, and are charged annually a portion of the costs of the Kiamesha WWTP based on their contributed percentage of the total wastewater flow to the WWTP. Those WWTP charges are included in the individual sewer district budgets. Single family residences in the Anawana, Harris Woods and Lake View districts are assigned 10 debt points for capital improvements and 10 rent points for operations and maintenance costs. The Adelaar Sewer District assigns 1 point per property, and it includes the Catskill Regional Medical Center, which is charged a flat rate.

Costs to the typical user are calculated based on the total operations and maintenance (O&M) costs plus a unit share of any debt service owed by the sewer district. Only those properties within the district that are connected to public sewer system are responsible for a share of the O&M costs. However, all properties owners -- including vacant land not connected to the sewer system -- are and will continue to be charged for a share of the debt service.

Costs associated with the planned upgrade will be presented based on the anticipated receipt of interest-free (0%) financing through the NYSEFC, for a term of 30-years, for the capital improvements that would apply to current debt service rates.

Operation and maintenance (O&M) costs are anticipated to increase slightly as a result of this project due primarily to increased energy usage. Costs for debt service and O&M are described below and will be based on the current number of rent points (i.e., no additional users).

## 9.1 Operations and Maintenance (O&M)

The planned upgrade primarily entails the replacement of existing equipment for continued operation and the addition of two processes – UV disinfection and Autothermal Thermophilic Aerobic Digestion (ATAD). Additional O&M costs are associated with the anticipated increase in energy use and periodic UV bulb replacement.

In the Adopted 2020 Town of Thompson Budget, users in the districts that send wastewater to the Kiamesha WWTP were charged for operation and maintenance of the system as follows:

	O&M (per point)*	Points assigned to a typical user	Annual Cost
Kiamesha	\$60.20	7.5	\$451.48
Anawana	\$40.33	10	\$403.33
Harris Woods	\$52.30	10	\$523.02
Lake View	\$90.66	10	\$906.60
Adelaar	\$12,853.33	1	\$12,853.33

\* rounded to the nearest penny

The annual O&M budget is expected increase by approximately 3.5% after the proposed upgrade due primarily to an increase in energy usage. Changes in operations and maintenance costs can be spread among the contributing sewer districts according to the charges to each for treatment of wastewater.

## 9.2 Debt Service

Sewer Unit shares for debt service are calculated in accordance with Part 2, Article IX of the Thompson Town Code. Each property located in the sewer district is assigned a debt points value in accordance with §194-46 – *Schedule of Points*.

In the Adopted 2020 Town of Thompson Budget, users in the districts that send wastewater to the Kiamesha WWTP were charged for debt service as follows:

	Debt Service (per point)	Points assigned to a typical user	Annual Cost
Kiamesha	\$8.11	7.5	\$60.84
Anawana	\$0	10	-0-
Harris Woods	\$107.70	10	\$1076.99
Lake View	\$4.94	10	\$49.40
Adelaar	\$0	1	-0-

\* rounded to the nearest penny

The estimated full project cost to be financed is approximately \$26.5 million and it is anticipated that the town will receive hardship financing from NYSEFC at 0% interest for a 30-year period. Annual debt service is estimated at \$724,588.77. Two reduced scale alternatives that were considered included the full project without the new sludge digester, and the full project without the new DPW building.

Any future debt service associated with capital improvement costs for sludge processing will be allocated to the other WWTPs that send sludge to Kiamesha WWTP, as the new equipment would benefit those operations as well. Annual debt service fees will be apportioned to each contributing Sewer District according to each district's approximate percentage of wastewater flow to the Kiamesha WWTP.

## 10.0 Cost to a Typical Single Family Home

The estimated rate impact to a typical sewer user, assuming a typical single-family home (SFH) in each of the districts that send wastewater to the Kiamesha WWTP is projected to be as follows:

<b>2020 Annual Sewer Costs for a Typical SFH</b>			
	<b>O&amp;M</b>	<b>Debt</b>	<b>Total</b>
Kiamesha Lake	\$451.48	\$60.84	<b>\$512.32</b>
Adelaar	\$12,853.33	-	<b>\$12,853.33</b>
Anawana	\$403.33	-	<b>\$403.33</b>
Harris Woods	\$523.02	\$1076.99	<b>\$1,600.01</b>
Lake View	\$906.60	\$49.40	<b>\$956.00</b>

<b>Estimated Future Annual Sewer Costs for a Typical SFH</b>			
	<b>Current Costs</b>	<b>Additional O&amp;M and Debt</b>	<b>Total</b>
Kiamesha Lake	\$512.32	\$206.54	<b>\$718.86</b>
Adelaar	\$12853.33	\$2,326.46	<b>\$15,179.79</b>
Anawana	\$403.33	\$94.57	<b>\$497.90</b>
Harris Woods	\$1600.01	\$144.93	<b>\$1744.94</b>
Lake View	\$956.00	\$543.58	<b>\$1,499.58</b>

*Note: The capital costs for the new digester and sludge processing equipment will be allocated to users in other districts that send sludge to the Kiamesha WWTP, resulting in a new debt charge of \$46.82 for a typical SFH in those sewer districts (Emerald Green, Sackett Lake and Melody Lake).*

The above costs and rate impacts are based on current district users, 2020 Sewer Rates and 0% financing from NYSEFC. Costs would be reduced if the town is able to secure grant funding for the proposed improvements. Future development would also reduce the cost to each individual user as the user base increases.

The Town is also in the process of consolidating and restructuring rates for all of the sewer districts, which will impact future rates in the Kiamesha Lake Sewer District as costs are allocated across a larger user base. Note that the estimated costs summarized in the above tables are averages and are used as an example of possible rate changes, in order to assist in decision making.

### **11.0 Method of Finance**

At this time, the Town has a commitment from NYSEFC to provide 0% short and long-term financing for the project for a term of 30 years term through the CWSRF Program. Additional subsidized grant financing through NYSEFC's Water Infrastructure Improvement Act (WIIA) and NYSDEC's Water Quality Improvement Program (WQIP) are anticipated to be sought to reduce financial impact of the project to system users.

### **12.0 Statement as to Benefit Assessment**

At this time, the costs associated with the debt service from the bond that is planned to be secured to finance the facility upgrades, and associated increases in O&M costs, will be charged on a benefit basis. Each holder of real property within the sewer district that will benefit from the project, as well as any out of district users, will be levied a share of those costs in accordance with the current Town Code and/or sewer use agreements/contracts.

AI  
#2

**marilee (clerk-town of thompson)**

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**From:** Helen Budrock <hbudrock@delawareengineering.com>  
**Sent:** Wednesday, August 12, 2020 3:15 PM  
**To:** Mayer, Randolph J.  
**Cc:** William J. Rieber, Jr.; Robert Chiappisi; Marilee Calhoun; John Peterson; Poh, Uyen; Mike Messenger  
**Subject:** RE: Emerald Green MPR for board packet and bond resolution  
**Attachments:** Emerald Green MPR 8-12-2020.pdf

To all:

Attached is a copy of the updated MPR for the Emerald Green WWTP for inclusion in the board packet. Randy, please prepare the bond resolution with an anticipated public hearing date of September 1, 2020.

Let me know if you have any questions.

Helen

**Helen Budrock**

Senior Planner  
☎: 845.791.7777 x121 (office)  
☎: 845.665.1468 (cell)  
✉: 548 Broadway | Monticello, NY 12701  
🌐: [www.delawareengineering.com](http://www.delawareengineering.com)



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**From:** Mayer, Randolph J. <[randolph.mayer@nortonrosefulbright.com](mailto:randolph.mayer@nortonrosefulbright.com)>  
**Sent:** Monday, August 3, 2020 10:12 AM  
**To:** Helen Budrock <[hbudrock@delawareengineering.com](mailto:hbudrock@delawareengineering.com)>  
**Cc:** William J. Rieber, Jr. <[supervisor@townofthompson.com](mailto:supervisor@townofthompson.com)>; Robert Chiappisi <[rchiappisi@delawareengineering.com](mailto:rchiappisi@delawareengineering.com)>; Marilee Calhoun <[marilee@townofthompson.com](mailto:marilee@townofthompson.com)>; John Peterson <[jpeterson@delawareengineering.com](mailto:jpeterson@delawareengineering.com)>; Poh, Uyen <[uyen.poh@nortonrosefulbright.com](mailto:uyen.poh@nortonrosefulbright.com)>  
**Subject:** Re: Kiamesha & Emerald Green MPRs for resolution

Hello Helen. I haven't seen anything on this recently, so I just wanted to confirm that we don't need proceedings for tomorrow for the various affected districts.

Randy Mayer

Sent from my iPhone

On Jul 20, 2020, at 2:03 PM, Mayer, Randolph J. <[randolph.mayer@nortonrosefulbright.com](mailto:randolph.mayer@nortonrosefulbright.com)> wrote:

Thanks Helen. We appreciate your help and will await developments.

Randy Mayer

Sent from my iPhone

On Jul 20, 2020, at 1:52 PM, Helen Budrock <[hbudrock@delawareengineering.com](mailto:hbudrock@delawareengineering.com)> wrote:

Randy:

Thank you very much for your thorough review and comments. I just got off the phone with Bill Rieber and we both agree that it is important for all of the affected property owners (including those in the other districts) to have a clear understanding of the rate impact of the proposed upgrade, and to have the appropriate notice and opportunity to be heard at the hearing. To that end, we will keep the proposed upgrades on the Town Board agenda as a discussion item but Bill would prefer to hold off on adopting the MPRs and setting the public hearing date until we can get additional information we need to calculate the rate impact for all users.

Our hope is to have the updated rate impact info incorporated into a revised MPR for adoption at the next meeting on August 4<sup>th</sup>. We will keep you posted!

Thanks very much for your patience,

Helen Budrock

**Helen Budrock**

Senior Planner

☎: 845.791.7777 x121 (office)

☎: 845.665.1468 (cell)

✉: 548 Broadway | Monticello, NY 12701

🌐: [www.delawareengineering.com](http://www.delawareengineering.com)

<image001.jpg>

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**From:** Mayer, Randolph J. <[randolph.mayer@nortonrosefulbright.com](mailto:randolph.mayer@nortonrosefulbright.com)>

**Sent:** Monday, July 20, 2020 2:06 PM

**To:** William J. Rieber, Jr. <[supervisor@townofthompson.com](mailto:supervisor@townofthompson.com)>

**Cc:** Helen Budrock <[hbudrock@delawareengineering.com](mailto:hbudrock@delawareengineering.com)>; Robert Chiappisi

<[rchiappisi@delawareengineering.com](mailto:rchiappisi@delawareengineering.com)>; Marilee Calhoun

<[marilee@townofthompson.com](mailto:marilee@townofthompson.com)>; John Peterson

<[jpeterson@delawareengineering.com](mailto:jpeterson@delawareengineering.com)>; Poh, Uyen

<[uyen.poh@nortonrosefulbright.com](mailto:uyen.poh@nortonrosefulbright.com)>

**Subject:** Re: Kiamesha & Emerald Green MPRs for resolution

Hello Supervisor Rieber.

Yes, the Town can determine to apportion the Capital costs of an which benefits multiple improvement districts. A combined hearing could be held under Section 202-b, and the notice of hearing would have to state the estimated maximum cost to be apportioned to each district. The MPR would have to include the user costs for each benefited district.

In this way, each affected property owner (including those in the other districts) would have notice and the opportunity to be heard at the hearing. The present MPR assumes that the other districts will in some manner bear a portion of the capital costs, but it does not state which districts will bear which costs or state what the expected costs per property are in those districts. Please feel free to call me at +19142603216 about this if you have any questions; certain consequences of this approach are probably more easily communicated in a call.

Sent from my iPhone

On Jul 20, 2020, at 8:25 AM, William J. Rieber, Jr.  
<[supervisor@townofthompson.com](mailto:supervisor@townofthompson.com)> wrote:

Randy

So if I understand it correctly, you are saying that we can apportion the capital costs between districts without consolidation if we so choose. Is that correct?

I do think that for management purposes consolidation will make things easier.

Bill

*William J. Rieber, Jr.*  
Supervisor  
Town of Thompson  
845-794-2500 Ext. 306  
845-794-8600 – Fax  
Email: [supervisor@townofthompson.com](mailto:supervisor@townofthompson.com)

<image001.jpg>

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**From:** Mayer, Randolph J.  
[<mailto:randolph.mayer@nortonrosefulbright.com>]  
**Sent:** Friday, July 17, 2020 4:38 PM  
**To:** 'Helen Budrock' <[hbudrock@delawareengineering.com](mailto:hbudrock@delawareengineering.com)>  
**Cc:** Robert Chiappisi <[rchiappisi@delawareengineering.com](mailto:rchiappisi@delawareengineering.com)>; Marilee Calhoun <[marilee@townofthompson.com](mailto:marilee@townofthompson.com)>; William J. Rieber, Jr. <[supervisor@townofthompson.com](mailto:supervisor@townofthompson.com)>; John Peterson <[jpeterson@delawareengineering.com](mailto:jpeterson@delawareengineering.com)>  
**Subject:** RE: Kiamesha & Emerald Green MPRs for resolution

Hello Helen.

Here is the provision of Section 202-b of the Town Law, which, if the Town elected to proceed on that basis, would require an allocation of capital costs to each benefitted district:

The powers hereinbefore provided in subdivisions one and two of this section may be exercised by the town board on behalf of two or more districts jointly, provided that such districts are wholly situated in the town, and whether or not the districts were established for the same purpose. The notice of hearing shall be published and the hearing held in the manner provided in subdivision one of this section. The cost, including both debt service and operation and maintenance, shall be annually apportioned among the districts by the town board, and the amounts so apportioned shall be levied and collected in each district as provided in sections two hundred two and two hundred two-a hereof.

**Randolph J. Mayer** | Of Counsel  
1301 Avenue of the Americas, New York, New York 10019-6022, United States  
Tel +1 212 318 3383 | Cell +1 914 260 3216  
randolph.mayer@nortonrosefulbright.com

*Law around the world*  
[nortonrosefulbright.com](http://nortonrosefulbright.com)

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**From:** Helen Budrock [<mailto:hbudrock@delawareengineering.com>]  
**Sent:** Friday, July 17, 2020 12:32 PM  
**To:** Mayer, Randolph J. <[randolph.mayer@nortonrosefulbright.com](mailto:randolph.mayer@nortonrosefulbright.com)>  
**Cc:** Robert Chiappisi <[rchiappisi@delawareengineering.com](mailto:rchiappisi@delawareengineering.com)>; Marilee Calhoun <[marilee@townofthompson.com](mailto:marilee@townofthompson.com)>; William J. Rieber, Jr. <[supervisor@townofthompson.com](mailto:supervisor@townofthompson.com)>; John Peterson <[jpeterson@delawareengineering.com](mailto:jpeterson@delawareengineering.com)>  
**Subject:** RE: Kiamesha & Emerald Green MPRs for resolution

Randy:

Just checking in to see if you have everything you need to prepare the resolutions accepting the MPRs and setting a public hearing date for August 4<sup>th</sup> in reference to the Kiamesha and Emerald Green WWTP upgrades. You should have copies of both MPRs, but I attached them just in case. If there is anything else you need, just let me know.

Thanks for the help, and have a great weekend!

Helen

**Helen Budrock**

Senior Planner

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**TOWN OF THOMPSON,**  
SULLIVAN COUNTY, NEW YORK

**EMERALD GREEN WASTEWATER TREATMENT PLANT UPGRADE  
MAP, PLAN, & REPORT**

PREPARED FOR:

**TOWN OF THOMPSON, NY**

4052 STATE ROUTE 42  
MONTICELLO, NY 12701

PREPARED BY:



**DELAWARE ENGINEERING, D.P.C.**

55 SOUTH MAIN STREET  
ONEONTA, NEW YORK 13820  
607-432-8073

**AUGUST 12, 2020**



## 1.0 Introduction

This Map, Plan, and Report (MPR) has been prepared as required by, and in accordance with New York State Town Law 202b, and is intended to assist Town officials and residents in evaluating the public benefit of a project that will upgrade and expand the wastewater treatment plant (WWTP) serving the Emerald Green-Lake Louise Marie Sewer District (EGSD). Completion of the MPR is required whenever a town resolves to undertake a project to improve or reconstruct existing facilities on behalf of a sewer district.

A comprehensive upgrade of the facility is necessary to meet recently updated water quality standards, expand plant flow capacity, expand bio-solids processing capacity, and to ensure the plant's long-term viability.

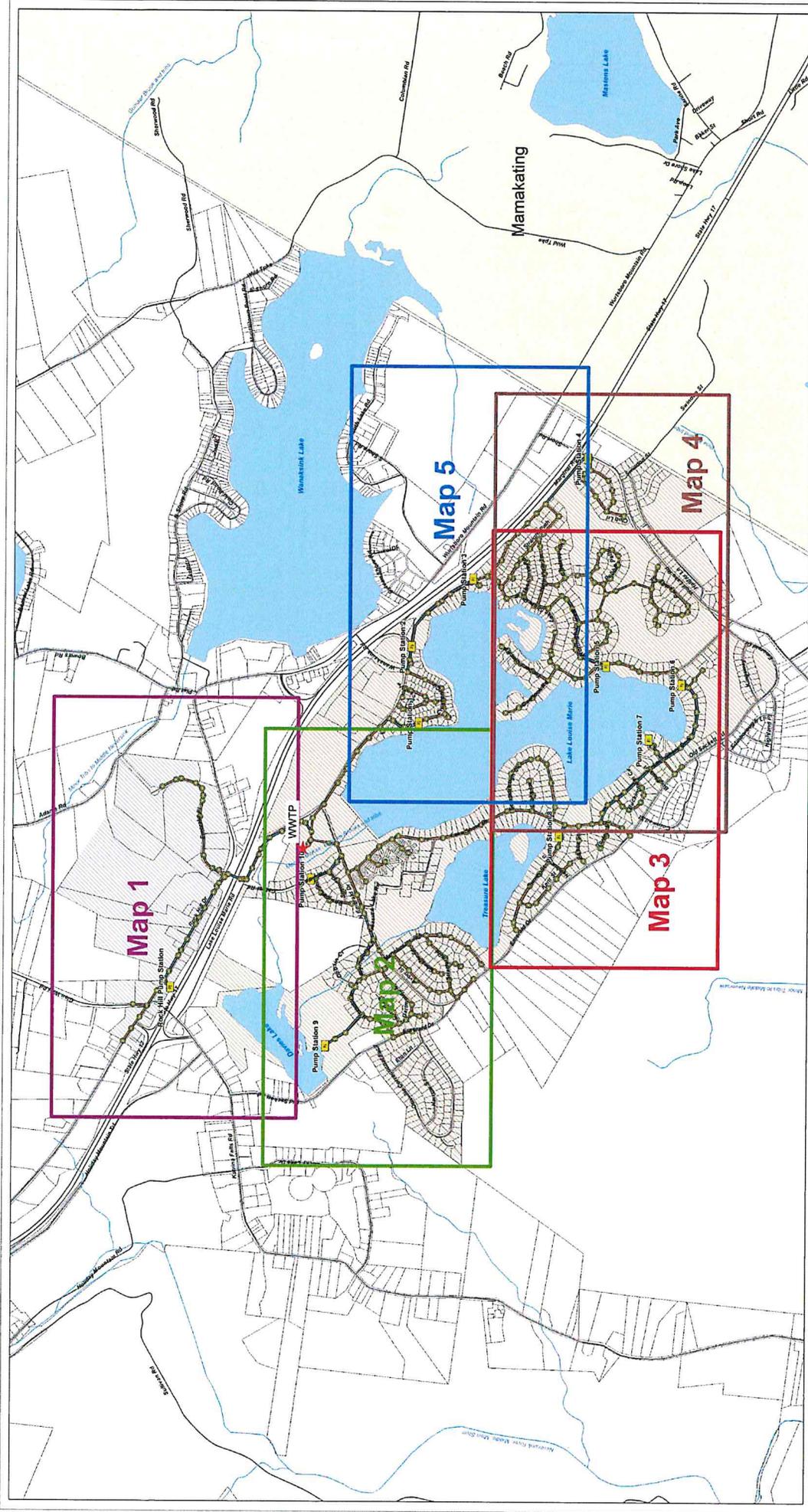
Funding for this upgrade and expansion project has not yet been secured. The Town intends to apply for funding through the New York State Environmental Facilities Corporation (NYSEFC) Clean Water State Revolving Fund (CWSRF). Additionally, the Town will submit a grant application to the NYS Water Grant program authorized through the Water Infrastructure Improvement Act (WIIA), which may provide grant funds up to 25% of the eligible project costs. Additional funding sources, including the NYSDEC Water Quality Improvement Program (WQIP) and the NY State and Municipal (SAM) funding program will be applied for pending completion of project eligibility reviews.

### 1.1 Background

The Town of Thompson, Sullivan County, is located in the foothills of New York State's Catskill Mountain region. The Town owns and operates the Emerald Green wastewater treatment plant (WWTP) which is located on a 14.92 -acre parcel on the southern side of NY Route 17 and just north of Lake Louise Marie, in the hamlet of Rock Hill. A map identifying the Emerald Green WWTP site and sewer district boundaries is included as **Figure 1 – Location Map**.

The WWTP serves residents and businesses in the hamlet of Rock Hill. Flow contributions to the plant are primarily from district residences with some light-commercial users. There are approximately 1,350 properties in the EGSD for which the Town has approximately 885 service accounts. Approximately 97% (862) of the accounts are registered single-family homes (SFH). There are no major industrial discharges to the WWTP nor are any planned or anticipated in the near future.

The WWTP is regulated by the New York State Department of Environmental Conservation (NYSDEC) under the State Pollutant Discharge Elimination System (SPDES) Permit program and



**Scale**

1 inch equals 700 feet



Manholes and pump stations located by NYRWAA using GPS in March 2008. 2008 parcel and district boundaries provided by Sullivan County Division of Planning and Community Development. Lake, stream, and road centerline data from the New York State GIS Clearinghouse.

- Legend**
- Sewage Pump Station
  - Manhole
  - Road Centerline
  - Sewer Main Force
  - Sewer Main Gravity
  - Stream
  - Parcel Boundary
  - Sewer District Emerald Green
  - Sewer District Rock Hill



Map No. A

Drawn By: S/JW

Checked by: JH

Date: July 2008

**Town of Thompson, NY  
Emerald Green & Rock Hill  
Sewer Districts Index Map**

New York Rural Water Association  
 P.O. Box 452, Clarendon, NY 13315  
 Phone: 518-232-3155  
 Web Site: <http://www.nyrwaa.org>

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operates under SPDES Permit No. NY0035645. The SPDES permit regulates the volume (capacity) and quality of water (effluent) permitted to be discharged from the facility, and details the daily and monthly water quality monitoring requirements.

The SPDES permit allows for the plant to discharge up to 0.410 million gallons per day (MGD), and the plant typically operates at approximately 70% capacity. Outflows from the plant are received by McKee Brook, a class B(T) stream.

The SPDES permit was recently modified to include discharge limits for fecal coliform and total residual chlorine. These modifications will go into full effect as of May 1, 2022. Additionally, the SPDES permit requires that the facility implement a temperature monitoring program to ensure that the effluent is not exceeding the 70° F permit limit. The monitoring program is currently ongoing.

## **1.2 Reasons for the Project**

- 1) Under its current process configuration, the Emerald Green WWTP has been in service for nearly 30 years and while the equipment and systems have been maintained throughout the intervening years, the plant is approaching the end of its design life.
- 2) While the existing disinfection system is able to meet interim SPDES permit limits for Total Residual Chlorine (2.0 mg/l), it is uncertain whether the system will be capable of consistently meeting the stricter limits (0.03 mg/l) set to go into effect in May 2022. To remedy this, the Town will remove the chemical disinfection and switch to UV disinfection, thereby avoiding possible exceedances of the SPDES permit limit for Total Residual Chlorine.
- 3) The plant is currently utilizing approximately 70% of its available hydraulic capacity. The Town is requesting a permit increase of 65,000 GPD to ensure the facility will be able to accommodate future growth.
- 4) The plant does not currently have facilities for processing waste sludge, which is hauled to the Town's Kiamesha WWTP for processing. If the Kiamesha sludge handling and processing facilities were ever disabled, the Emerald Green facility, with its limited waste sludge storage capacity, would experience a severe operational disruption as well. By adding sludge processing facilities, the facility would be able to function independent of the Kiamesha plant operations.

To address these conditions, the Town is proposing a comprehensive WWTP upgrade with an estimated capital project cost of **\$13,553,241**. The proposed project will upgrade the existing plant, provide new treatment facilities that will ensure continued compliance with SPDES permit requirements for the near term, as well as for the estimated increase in loading conditions up to 0.475 MGD.

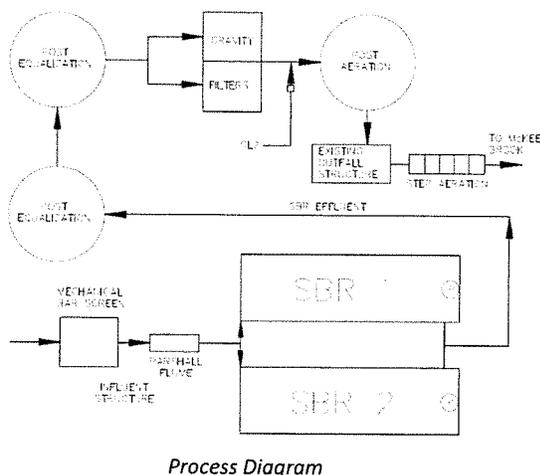
## 2.0 District Boundary Description

The Town of Thompson owns, operates and maintains multiple sanitary sewer districts. As shown in **Figure 1**, both the Emerald Green and the Rock Hill Sewer Districts convey sanitary sewage to the Emerald Green WWTP.

There will be no immediate expansion of the existing Emerald Green Sewer District boundaries resulting from this project, and all properties currently included in the district will remain in the district.

## 3.0 Description of Existing WWTP Facilities

The Emerald Green WWTP is a single stage nitrification process utilizing Sequenced Batch Reactors to achieve ammonia and phosphorus removal. The SBR effluent flows to tertiary treatment units to meet discharge permit levels.



Influent enters the facility through the influent channel structure where it passes through a mechanical bar screen and Parshall flume. Influent then flows to the influent holding tank and then on to the two SBR basins.

Treated water is removed from the SBR basins via decanters to the two Post EQ tanks then on through the sand filters. The effluent then passes through the chlorine contact tank and the post aeration tank. Finally, the effluent is dechlorinated prior to discharge to McKee Brook.

## 4.0 General Plan of Improvements

The following is a summary of the principal proposed upgrades and improvements necessary to adequately treat anticipated demand up to 0.475 MGD, and provide for future needs. The current proposed layout of these facilities is shown on the site plan (see **Figure 2 – Upgrade Site Plan**).

The comprehensive facility upgrades and improvements will encompass plant buildings, equipment, systems, and site conditions. Significant improvements include installation of a new UV disinfection system and the construction of a new sludge dewatering building.

The upgrade will occur within the current property limits and within previously disturbed areas.

The following is a detailed list of proposed improvements to the Emerald Green WWTP:

- Influent Channel Improvements
- Influent Holding Tank Improvements
- SBR Basin 1 & 2 Improvements
- SBR Basin 3 Construction
- Post Equalization 1&2 Improvements
- Process Air Supply Blower Improvements
- Sand Filter Improvements
- UV Disinfection Process Improvements
- Post Aeration Improvements
- Sludge Holding Tank Improvements
- Sludge Processing Construction and Belt Filter Press
- Yard Piping Improvements
- Site Work Improvements
- SCADA Improvements
- Other Improvements

Further details on this upgrade and expansion project are included in the Preliminary Engineering Report (July 2, 2020) prepared by Delaware Engineering, D.P.C..



## **5.0 Proposed District Operations**

The Town of Thompson Water and Sewer Department oversees day-to-day operations, maintenance, and administration of all four of the Towns' wastewater treatment facilities. The department is managed by the superintendent and assistant superintendent with support by a foreman and account clerk. Additionally, the Emerald Green facility employs a dedicated staff consisting of one 3a-certified licensed operator and two 2a-certified operators.

It is anticipated that additional personnel will not be required to operate or maintain the upgraded facilities, and staffing is anticipated to remain at current levels.

## **6.0 Statement of Regulatory Review and Approvals Required Prior to Construction**

Regulatory review and approvals of the engineering report and design documents are anticipated to be conducted by the NYS Department of Environmental Conservation (DEC) and the NYS Environmental Facilities Corporation (EFC).

Plans will also be submitted to the Delaware River Basin Commission (DRBC), a regional water resource management consortium made up of four states and the US Army Corps of Engineers. The DRBC coordinates with states and local governments on water and wastewater projects throughout the Delaware River Basin region. The WWTP is located in an area identified by the DRBC as "special protection waters" and DRBC review is required for any new treatment facility or expansion of an existing facility with an average daily discharge rate of 10,000 gallons a day or more during any consecutive 30-day period.

Because this action will require the discretionary approval of multiple governmental and quasi-governmental agencies, NYS requires the completion of a State Environmental Quality Review (SEQR) coordinated with all involved, and potentially involved agencies. The SEQR process was initiated at the June 2, 2020 meeting of the Thompson Town Board, at which time the Board declared their intent to serve as lead agency for the Unlisted action. At their July 7, 2020 meeting, the Town Board resolved to issue a negative declaration for the proposed action as no significant environmental impacts were identified during the SEQR process.

## **7.0 Maximum Amount to be Expended**

The maximum amount that is planned to be expended is **\$13,553,241** (see attached cost estimate).

Town of Thompson, NY  
Emerald Green WWTP Upgrade  
Estimated Project Cost Summary

Last Revised 07-28-2020

Rehab in-kind of Existing SBR's (0.410 MGD) and  
New SBRs (Up to 0.074 MGD), 0.475 MGD Total

	Estimated Cost	Major Cost Items
<b>1.) Construction - All Trades (General, Electrical, HVAC, &amp; Plumbing)</b>		
<b>a.) Headworks Improvements</b>		\$ 310,030
Influent manhole rehabilitation	\$ 50,000	
ULT flow sensor & transmitter	\$ 5,250	
Mechanical screen	\$ 95,680	
Compactor (complete with cold weather package)	\$ 80,100	
Structure Repair	\$ 14,000	
Gate repairs and replacment	\$ 25,000	
Electrical	\$ 25,000	
Non-potable water supply for washer compactor	\$ 15,000	
<b>b.) Influent Holding Tank Improvments</b>		\$ 77,000
Influent Holding Tank Equipment (replace 3 pumps, & rails)	\$ 35,000	
Influent Holding Tank Repair	\$ 15,000	
Other Misc. Influent Holding Tank Work	\$ 10,000	
Electrical	\$ 17,000	
<b>c.) SBR Tank Improvements (0.410 MGD)</b>		\$ 983,300
SBR Tank Equipment (replace jet aerators, & pumps)	\$ 759,500	
SBR Tank Blowers	\$ 163,800	
SBR Tank Repair	\$ 20,000	
Other Misc. SBR Work	\$ 20,000	
Electrical	\$ 20,000	
<b>d.) SBR Process Construction (0.074 MGD)</b>		\$ 1,944,320
1 Tank SBR Structures (tank only, cast in place, installed, 42'X44'X21')	\$ 1,050,000	
SBR Equipment Package	\$ 433,320	
SBR Tank Blowers	\$ 126,000	
Misc. Metals	\$ 85,000	
Misc. process piping	\$ 100,000	
Electrical	\$ 70,000	
Site Work	\$ 80,000	
<b>e.) Post SBR Equalization Tank 1</b>		\$ 15,000
Post SBR Equalization tank 1 repairs	\$ 15,000	
<b>f.) Post SBR Equalization Tank 2</b>		\$ 102,500
Post SBR Equalization tank 1 Equipment (replace 2 pumps, & rails)	\$ 52,500	
Post SBR Equalization tank 1 repairs	\$ 40,000	
Electrical	\$ 10,000	
<b>g.) Sand Filter Improvements (0.401 MGD to 0.475 MGD)</b>		\$ 1,121,800
Sand Filter Equipment (Replace in kind eg. steel tanks)	\$ 866,800	
Piping and valve replacment & repair	\$ 25,000	
Misc. Metals	\$ 70,000	
Other Misc. Sand Filter Work	\$ 70,000	
Backwash Pumps (replace 2 pumps, & rails)	\$ 60,000	
Electrical	\$ 30,000	
<b>h.) UV Disinfection</b>		\$ 292,500
UV equipment	\$ 202,500	
Structure modifications	\$ 30,000	
Piping modifications	\$ 35,000	
Electric	\$ 25,000	
<b>i.) Post Aeration -</b>		\$ 98,500
Post Aeration Tank Blowers (135 scfm)	\$ 16,000	
Tank Diffusers & Blowers (45-9" fine bubble diffusers)	\$ 37,500	
Electric	\$ 20,000	
Site Work	\$ 25,000	
<b>j.) Sludge Dewatering Improvements</b>		\$ 1,772,463
Air diffusers (Replace in kind) 36 Coarse Bubble Diffusers	\$ 20,000	
New Blowers	\$ 146,900	
Tank Dewatering	\$ 10,000	
Upgrade Sludge Pump	\$ 59,063	
New Sludge Pump	\$ 67,500	
Miscellaneous Metals	\$ 75,000	
Dewatering Building with Sludge Holding Tank (30' X 30' = 900 SF X \$750/SF)	\$ 675,000	
0.75 Meter Gravity Belt Thickener	\$ 333,000	
New sludge pipe from Sludge Building to Dewatering Building (110LF, 6" @ \$200/LF)	\$ 22,000	
New NPW line to the Dewatering Building (300 LF, 4" @\$200/LF)	\$ 60,000	
New potable water line to the Dewatering Building (160 LF, 1" @\$75/LF)	\$ 12,000	
New pump stations for press supernatant	\$ 25,000	
Misc. Repairs	\$ 50,000	

Town of Thompson, NY  
Emerald Green WWTP Upgrade  
Estimated Project Cost Summary

Last Revised 07-28-2020

Rehab in-kind of Existing SBR's (0.410 MGD) and  
New SBRs (Up to 0.074 MGD), 0.475 MGD Total

	Estimated Cost	Major Cost Items
Electrical	\$ 100,000	
HVAC	\$ 50,000	
Plumbing	\$ 50,000	
New Pavement ( 1700 sq. ft. X \$10/ sq. ft.)	\$ 17,000	
<b>k.) Yard Piping</b>		\$ 166,500
New gravity 14" main from UV Channel to new Post Air Tank(140 LF @ 250/LF)	\$ 35,000	
New 8" forcemain from filter backwash to areated sludge holding tank (140 LF @ 225/LF)	\$ 31,500	
New 4" NPW feed pipe from the post air tank to the filter bldg. (120 LF @ 200/LF)	\$ 80,000	
Other (misc. valves, hydrants, etc.)	\$ 100,000	
<b>i.) Site Work</b>		\$ 100,520
Mill and 2" Pave around WWTP inside the fence (16,840 SF @ \$3/sf)	\$ 50,520	
Erosion and sediment control	\$ 50,000	
Stormwater Facilities (none planned; < 1 acre of disturbance)	\$ -	
<b>m.) SCADA</b>	\$ 200,000	\$ 200,000
<b>n.) Instrumentation</b>	\$ 100,000	\$ 100,000
<b>o.) WWTP Emergency Generator</b>		\$ 405,000
New generator (250kW)	\$ 325,000	
Electric service upgrades	\$ 80,000	
<b>p.) Existing Building and Other Facility Improvements</b>		\$ 320,000
General Contract	\$ 85,000	
Electrical Contract	\$ 75,000	
Plumbing Contract	\$ 75,000	
HVAC Contract	\$ 85,000	
<b>q.) Other Expenses</b>		\$ 80,000
Misc. existing pipe supports	\$ 20,000	
Misc electrical yard piping	\$ 35,000	
Decommissioning/repurposing of existing facilities	\$ 25,000	
<b>r.) NYSEFC Contract Compliance (4 prime contracts)</b>	\$ 64,000	\$ 64,000
<b>s.) Contractors Overhead and Profit (15% Max)</b>	\$ 1,223,015	\$ 1,223,015
<b>t.) Mobilization/Demobilization/Bonds/Insurance (3% Max)</b>	\$ 281,293	\$ 281,293
<b>Subtotal - All Construction</b>	<b>\$ 9,657,741</b>	<b>\$ 9,657,741</b>
<b>2.) Construction Cost Inflation Adjustment (@3% per year, June 2020- June. 2022 Bidding = 2 Years)</b>	\$ 579,464	\$ 579,464
<b>Subtotal - Construction Cost Inflation Adjustment</b>	<b>\$ 579,464</b>	<b>\$ 579,464</b>
<b>Subtotal - All Construction</b>	<b>\$ 10,237,205</b>	<b>\$ 10,237,205</b>
<b>3.) Other Costs (20%)</b>	\$ 2,047,441	\$ 2,047,441
a.) Engineering/Professional Services	\$ -	
b.) Bond Council	\$ -	
c.) Legal	\$ -	
d.) Misc. Other Town Costs	\$ -	
e.) DRBC Project Review Fee	\$ -	
f.) Short Term Financing Cost (Assume 1 year \$500K BAN @ 4%; remaining project under SRF 0% short term financing)	\$ -	
<b>Subtotal - Other Costs</b>	<b>\$ 2,047,441</b>	<b>\$ 2,047,441</b>
<b>Subtotal - Construction and Other Costs</b>	<b>\$ 12,284,646</b>	<b>\$ 12,284,646</b>
<b>4.) Project Contingency (10% of Construction and Other Costs)</b>	\$ 1,023,721	\$ 1,023,721
<b>Subtotal - Project Contingency (10% of All Project Costs)</b>	<b>\$ 1,023,721</b>	<b>\$ 1,023,721</b>
<b>5.) SRF Issuance Costs (1.84%) (Since it's hardship this goes to 0%)</b>	\$ 244,874	\$ 244,874
<b>Subtotal - SRF Issuance Cost (1.84% of All Project Costs)</b>	<b>\$ 244,874</b>	<b>\$ 244,874</b>
<b>Total Estimated Project Cost</b>	<b>\$ 13,553,241</b>	<b>\$ 13,553,241</b>

## **8.0 Cost of Hook-Up Fees Charged by District, If any**

The Town intends to continue with its current policy regarding hook-up fees and reserves the right to modify this in the future.

## **9.0 Detailed Explanation of Costs (How Costs are Computed)**

The costs for capital improvements and operation and maintenance expenses for properties included in the Emerald Green - Lake Louise Marie Sewer District are computed based on the number of points assigned to each property and the budget. Points are determined based on property use and codified in §194-46 *Schedule of Points* of the Town Code. Single-family homes are assigned 10 debt points each for capital improvements and 10 rent points for operations and maintenance costs.

Costs to the typical user are calculated based on the total operations and maintenance (O&M) costs plus a unit share of any debt service owed by the sewer district. Only those properties within the district that are connected to public sewer system are responsible for a share of the O&M costs. However, all properties owners -- including vacant land not connected to the sewer system -- are and will continue to be charged for a share of the debt service.

The Rock Hill Sewer District sends wastewater to the Emerald Green WWTP for treatment. The Rock Hill operations and maintenance budget includes a charge for wastewater treatment paid to the Emerald Green Sewer District. The Rock Hill Sewer District budgets for capital improvements to the collection system. Though there are a few residences, most sewer customers are commercial properties. Users in the Rock Hill Sewer District are charged sewer rents and debt service based upon metered water usage. A minimum usage of 90,000 gallons per year is charged to residences and small commercial properties, while a minimum usage of 180,000 per year is charged to larger commercial properties.

### **9.1 Operations and Maintenance (O&M)**

Operations and maintenance costs are not anticipated to substantially increase as a result of this project. The costs associated with disinfection will decrease by approximately \$12,000 per year due to the elimination of the need for chlorine and sodium bi-sulfate. However, there will be additional costs associated with increased energy usage by the UV disinfection system and periodic UV bulb replacement. Changes in operation and maintenance costs will be reflected in the operation and maintenance charge to the Rock Hill Sewer District for wastewater treatment.

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According to the 2020 Town of Thompson Adopted Budget, users in the **Emerald Green Sewer District** were charged **\$60.18** per point for operations & maintenance of the system. A single-family home is assigned 10 points, resulting in an annual O&M charge of **\$601.80**.

Users in the **Rock Hill Sewer District** were charged **\$0.008927** per gallon, or approximately \$8.93 per thousand gallons (kgallons). The typical residence or small commercial property is charged a minimum usage of 90,000 gallons per year, resulting in an annual O&M charge of **\$803.43**.

## 9.2 Debt Service

Sewer unit shares for debt service are calculated in accordance with Part 2, Article IX of the Thompson Town Code. Each property located in the Emerald Green-Lake Louise Marie (EGLLM) sewer district is assigned a debt points value in accordance with §194-46 – *Schedule of Points*.

In 2020, property owners in the EGLLM SD were charged **\$21.70** per point for debt service. A single-family home is assigned 10 debt points, resulting in an annual debt service charge of **\$217.00**

Rock Hill Sewer District property owners were charged **\$0.001248** per gallon (or approximately \$1.25 per kgallons) for debt service. The typical residence or small commercial property is charged a minimum usage of 90,000 gallons per year, resulting in an annual charge of **\$112.32** for debt service.

## 10.0 Cost to a Typical Single-Family Residential Property

Until funding is secured for the project, the final costs to users can only be estimated. Estimates provided below are based upon three financing scenarios at currently available rates. The NYSEFC provides three levels of funding; market rate (3.3%), subsidized (1.65%), and hardship (0%). All scenarios assume a loan term of 30 years.

The Emerald Green-Lake Louise Marie Sewer District estimates are based on the average cost to the typical single-family home, using 10 points per home. The Rock Hill Sewer District estimates are based on cost per kgallons, the minimum charge at 90 kgallons. These estimates are calculated as examples for comparison purposes only.

2020 Sewer Rates for the Typical SFH		
	EGLLM SD	Rock Hill SD
Annual O&M Cost	\$601.80	\$803.43*
Annual Debt Service	\$217.00	\$112.32**
<b>Total:</b>	<b>\$818.80</b>	<b>\$915.80</b>

\* Annual costs are rounded to the nearest penny.

\*\* \$1.3 million in existing debt will be paid off in 2030 and the remainder will be paid off in 2050.

Estimated Future Sewer Rates for the Typical SFH						
	EGLLM SD			Rock Hill SD		
	0%	1.65%	3.3%	0%	1.65%	3.3%
Current O&M & Debt Service	\$818.80	\$818.80	\$818.80	\$915.80	\$915.80	\$915.80
Additional Debt Service	\$357.71	\$454.96	\$566.24	\$274.86	\$349.58	\$435.09
<b>TOTAL:</b>	<b>\$1,176.51</b>	<b>\$1,273.76</b>	<b>\$1,385.04</b>	<b>\$1,190.66</b>	<b>\$1,265.38</b>	<b>\$1,350.89</b>

The above costs and rate impacts are based on current district users and 2020 Sewer Rates. Sewer costs to individual properties would be reduced if the town is able to secure grant funding for the proposed improvements. Future development might also lower sewer costs to individual properties by broadening the user base. The Town is also in the process of consolidating and restructuring rates for all of the sewer districts, which may impact future rates in the Emerald Green-Lake Louise Marie Sewer District and Rock Hill Sewer District by allocating costs across a larger user base.

## 11.0 Method of Finance

Funding for this upgrade and expansion project has not yet been secured. The project has been submitted for listing on the New York State Environmental Facilities Corporation (NYSEFC) 2020 Intended Use Plan, which is the first step to secure funding through the NYSEFC Clean Water State Revolving Fund (CWSRF). A funding application will be submitted with the July 2020 Engineering Report, and a funding determination is expected by late fall. Additionally, the Town will submit a grant application to the NYS Water Grant program authorized through the Water Infrastructure Improvement Act (WIIA) which may provide grant funds up to 25% of the eligible project costs. Additional funding sources, including the NYSDEC Water Quality Improvement Program (WQIP) and the NY State and Municipal (SAM) funding program will be applied for pending completion of project eligibility reviews.

## **12.0 Statement as to Benefit Assessment**

At this time, the costs associated with the debt service from the bond that is planned to be secured to finance the facility upgrades, and associated increases in O&M costs, will be charged on a benefit basis. Each holder of real property within the sewer district that will benefit from the project, as well as any out of district users, will be levied a share of those costs in accordance with the current Town Code and/or sewer use agreements/contracts.



Office of the New York State Comptroller  
 New York State and Local Retirement System  
 Employees' Retirement System  
 Police and Fire Retirement System  
 110 State Street, Albany, New York 12244-0001

# Standard Work Day and Reporting Resolution for Elected and Appointed Officials

BE IT RESOLVED, that the \_\_\_\_\_

Town of Thompson  
 (Name of Employer)

30283 / \_\_\_\_\_  
 (Location Code)

hereby establishes the following standard work days for these titles and will report the officials to the New York State and Local Retirement System based on their record of activities:

RS 2417-A

(Rev. 8/15)

Title	Standard Work Day (Hrs/day) Min. 6 hrs Max. 8 hrs	Name (First and Last)	Social Security Number (Last 4 digits)	Registration Number	Tier 1 (Check only if member is in Tier 1)	Current Term Begin & End Dates (mm/dd/yy-mm/dd/yy)	Record of Activities Result*	Not Submitted (Check only if official did not submit their Record of Activities)
<b>Elected Officials</b>								
Tax Collector	7	Heather Berg		72218068	<input type="checkbox"/>	1/1/20-12/31/20		<input checked="" type="checkbox"/>
<b>Appointed Officials</b>								
Town Attorney	6	Michael B. Mednick		36937662	<input type="checkbox"/>	1/1/20-12/31/20	21.47	<input type="checkbox"/>
Town Attorney	6	Paula E. Kay		41030180	<input type="checkbox"/>	1/1/20-12/31/20	20.87	<input type="checkbox"/>

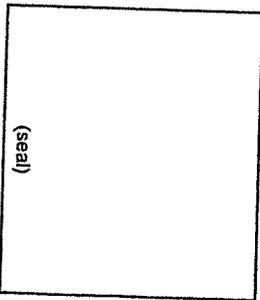
SEE INSTRUCTIONS FOR COMPLETING FORM ON REVERSE SIDE

I, Marilee J. Calhoun secretary/clerk of the governing board of the Town of Thompson of the State of New York, do hereby certify that I have compared the foregoing with the original resolution passed by such board at a legally convened meeting held on the 4th day of August, 20 20 on file as part of the minutes of such meeting, and that same is a true copy thereof and the whole of such original.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Town of Thompson on this 4th day of August, 20 20, \_\_\_\_\_ (Signature of the secretary or clerk) \_\_\_\_\_ (Name of Employer)

Affidavit of Posting: I, Marilee J. Calhoun being duly sworn, deposes and says that the posting of the Resolution began on \_\_\_\_\_ (Name of secretary or clerk) and continued for at least 30 days. That the Resolution was available to the public on the \_\_\_\_\_ (Date) \_\_\_\_\_

Employer's website at www.TownofThompson.com  
 Official sign board at \_\_\_\_\_  
 Main entrance secretary or clerk's office at 4052 Route 42, Monticello, NY 12701





### Instructions for completing the Standard Work Day and Reporting Resolution

A.	B.	C.	D.	E.	F.	G.	H.	I.
Title	Standard Work Day (Hrs/day) Min. 6 hrs Max. 8 hrs	Name (First and Last)	Social Security Number (Last 4 digits)	Registration Number	Tier 1 (Check only if member is in Tier 1)	Current Term Begin & End Dates (mm/dd/yy-mm/dd/yy)	Record of Activities Result*	Not Submitted (Check only if official did not submit their Record of Activities)
<b>Elected Officials</b>								
Highway Superintendent	8.00	John Smith	0000	0101010-1		1/1/2010-12/31/2013	32.79	
Receiver of Taxes	6.00	Michelle Jones	1111	0202020-2	X	1/1/2010-12/31/2014	NA	
Town Justice	6.25	Michael Hall	2222	0303030-3		1/1/2010-12/31/2011		X
<b>Appointed Officials</b>								
Planning Board Member	7.00	Joseph Gray	3333	0404040-4		1/1/2010-12/31/2010	17.54	

- A. **Title:** All paid elected and appointed officials (who are active members of the Retirement System) and are not paid hourly and do not participate in an employer's time keeping system that consists of a daily record of actual time worked and time charged to accruals must be listed. For the purpose of the regulation, an "appointed official" is someone who is appointed by an elected official, an appointed official or governing board. They hold an office in an organization or government and participate in the exercise of authority. This also includes appointees of elected and appointed officials such as deputies, assistants or confidential secretaries.
- B. **Standard Work Day:** The minimum number of hours that can be established for a standard work day (SWD) is six, while the maximum is eight. A SWD is the denominator to be used for the days worked calculation; it is not necessarily always the number of hours a person works. For example, if a board member only attends one three-hour board meeting per month, you must still establish a SWD between six and eight hours as the denominator for their record of activities (ROA) calculation.
- C. **Name:** The official's complete first and last name must be included for identification purposes.
- D. **Social Security Number:** The last four digits of the official's Social Security Number must be included for identification purposes. For security purposes, the last four digits of the Social Security Number can be omitted from the publicly posted version.
- E. **Registration Number:** The official's Registration Number must be included for identification purposes. For security purposes, the Registration Number can be omitted from the publicly posted version.
- F. **Tier 1:** If the official is a Tier 1 member, this box should be checked. Tier 1 members are not required to keep a ROA.
- G. **Current Term Begin & End Dates:** All officials listed on the Resolution must have a specified Term End date. Leaving this column blank or listing 'Tenure/At Pleasure' is not acceptable. If the official does not have a designated term, the current term for the official who appointed them to the position should be used. If they are appointed by the governing board, the chairman of the board's term should be used.
- H. **Record of Activities Result\*:** This column must be left blank if an official does not submit their required sample three-month ROA. To determine the average number of days worked per month, you must divide the total number of hours documented on the three-month ROA by three months to get a one-month average number of hours worked. Then, the one-month average number of hours worked must be divided by the SWD to get the average number of days worked per month.
- I. **Not Submitted:** This column must be checked if an official has not submitted the required sample three-month ROA within the 150 day requirement, regardless of whether they are being reported by another employer for the same period. If the Retirement System receives such a Resolution, it will contact the official to notify them of the consequences of not submitting the ROA.

Once passed, the Resolution must be posted on your public website for a minimum of 30 days or, if a website isn't available to the public, on the official sign-board or at the main entrance to the clerk's office. A certified copy of the Resolution and Affidavit of Posting must be filed with the Office of the State Comptroller within 45 days of the adoption. The Resolution and Affidavit can be submitted online via the Elected and Appointed Officials Reporting (EAOR) program.

\*To determine the number of days worked to include on the monthly report for the various payroll frequencies, please refer to the Calculating Days Worked instructions available in the 'Reporting Elected & Appointed Officials' section of our website: [http://www.osc.state.ny.us/retire/employers/elected\\_appointed\\_officials/index.php](http://www.osc.state.ny.us/retire/employers/elected_appointed_officials/index.php)

AI  
#5

**marilee (clerk-town of thompson)**

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**From:** Michael Messenger <mmessenger@townofthompson.com>  
**Sent:** Monday, August 10, 2020 7:43 AM  
**To:** Marilee Calhoun  
**Subject:** Fwd: TRRAC Offer - 12/30/19 - Pole hit

Hello Marilee,

Could you please add this to the agenda for Tuesday? I would like to have the offer approved, less the admin fee.

Michael Messenger

Superintendent

Town of Thompson Water & Sewer Dept.

(845) 794-5280 Ext. 104

[mmessenger@townofthompson.com](mailto:mmessenger@townofthompson.com)



**IMPORTANT NOTICE:** This e-mail and any attachments may contain confidential or sensitive information which is, or may be, legally privileged or otherwise protected by law from further disclosure. It is intended only for the addressee. If you received this in error or from someone who was not authorized to send it to you, please do not distribute, copy or use it or any attachments. Please notify the sender immediately by reply e-mail and delete this from your system. Thank you for your cooperation.

----- Forwarded message -----

**From:** Keith Rieber <[krieber@townofthompson.com](mailto:krieber@townofthompson.com)>  
**Date:** Fri, Aug 7, 2020 at 8:54 AM  
**Subject:** TRRAC Offer - 12/30/19 - Pole hit  
**To:** Michael Messenger <[mmessenger@townofthompson.com](mailto:mmessenger@townofthompson.com)>

Mike,

Could you add this to the August 18<sup>th</sup> Town Board meeting for approval. Let me know if they or you have any objections on the insurance company's counter offer.

---

**From:** Kristen Steele [mailto:[ksteele@TRRAC.net](mailto:ksteele@TRRAC.net)]  
**Sent:** Wednesday, August 5, 2020 10:14 AM  
**To:** Keith Rieber <[krieber@townofthompson.com](mailto:krieber@townofthompson.com)>  
**Subject:** 12/30/19 - Pole hit

Good morning Keith,

The adjuster got back to me with his offer and will pay out everything except for the TRRAC admin fee. Please let me know if you would like to accept the amount of \$12,666.88.

\$12,666.88 – total cost

\$2,533.38 – admin fee

Thank you,

Kristen Steele

*Claims Consultant & Subrogation Claims Specialist*

**Total Recovery Resources and Coordination (TRRAC)**

254 Route 17K

Suite 201

Newburgh, NY 12550

O: 845-522-5867

F: 845-784-4761

[ksteele@TRRAC.net](mailto:ksteele@TRRAC.net)

1 of 2  
AI  
#6



NO. 3

### CHANGE ORDER

OWNER's Project No. \_\_\_\_\_

ENGINEER's Project No. 18-701

Project: Thompson- Emerald Green Sewer Rehabilitation Project (Contract 2G-Osterhoudt)

Contract For: General Construction

Contract Date: 22-Aug-19

TO: \_\_\_\_\_  
Osterhoudt Excavating Inc  
CONTRACTOR

You are directed to make the changes noted below in subject Contract:

*\*Change order needs to be approved before pay app*

Town of Thompson  
OWNER

By: \_\_\_\_\_  
William J Rieber

Title: Supervisor

Dated: \_\_\_\_\_

Nature of Changes:

- 1) Payment for Pavement Overlay on Manchester Rd, Bristol Circ., and Stratford Rd \$ 22,744.42
- 2) Over /under adjustment of quantities overrun and not utilized in the contract as per the attached breakdown. **-\$37,262.60**      **Net Deduction from Contract -\$14,488.18**

Enclosures:

osterhoudt- over/under breakdown spreadsheet.

These changes result in the following adjustment of Contract Price:

Contract Price Prior to This Change Order	<u>\$981,680.50</u>
Net Change (Credit) Resulting from This Change Order	<u>14,488.18</u>
Current Contract Price Including This Change Order	<u>\$ 967,192.32</u>

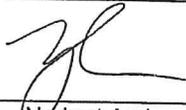
**These changes result in the following adjustment of Contract Time:**

Contract Time Prior to This Change Order	<u>321 days</u>
Net Change Resulting from This Change Order	<u>0 days</u>
Current Contracting Time Including This Change Order	<u>321 days</u>
New Time of Completion Date is	<u>30-Jun-20</u>

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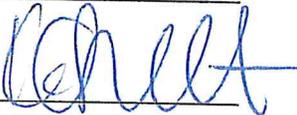
*Recommendation from Engineer:*

McGoey, Hauser & Edsall  
Consulting Engineers, D.P.C.

By:   
Norbert Andryszak  
Staff Designer  
Date: 05-18-20

---

*The Above Changes are Approved at the Above Referenced Change in Contract Price and Contract Time:*

H. Osterhoudt Excavating Inc  
By:   
Date: 5/20/20

**CONTINUATION PAGE**

PROJECT: Emerald Green Sewer Main Replacement  
 APPLICATION #: 7 Final  
 DATE OF APPLICATION: 05/18/2020  
 PERIOD THRU: 05/18/2020  
 PROJECT #s: 2G

Payment Application containing Contractor's signature is attached.

A ITEM #	B WORK DESCRIPTION	C SCHEDULED AMOUNT		D COMPLETED WORK		E AMOUNT THIS PERIOD	F STORED MATERIALS (NOT IN D OR E)	G TOTAL COMPLETED AND STORED (D + E + F)	% COMP (G / C)	H BALANCE TO COMPLETION (C-G)	I RETAINAGE (If Variable)
		QTY	\$ AMT	AMOUNT PREVIOUS PERIODS	AMOUNT THIS PERIOD						
A-1	Allowance \$20,000.00 PER LS	1.00	\$20,000.00	0.00	\$0.00	0.00	\$0.00	0.00	0%	\$20,000.00	
C-1	Rock Excavation \$100.00 PER Cu. Yd.	20.00	\$2,000.00	466.00	\$0.00	0.00	\$0.00	\$46,600.00	2330%	(\$44,600.00)	
C-2	Test Pit Excavations \$75.00 PER Cu. Yd.	100.00	\$7,500.00	189.00	\$0.00	0.00	\$0.00	\$14,175.00	189%	(\$6,675.00)	
C-3	Additional Roadway Subbase \$48.00 PER Cu. Yd.	25.00	\$1,200.00	204.25	\$0.00	0.00	\$0.00	\$9,804.00	817%	(\$8,604.00)	
C-4	Additional Crushed Stone/ \$52.00 PER Cu. Yd.	25.00	\$1,300.00	0.00	\$0.00	0.00	\$0.00	\$0.00	0%	\$1,300.00	
C-5	Additional Class 3 Concrete \$300.00 PER Cu. Yd.	10.00	\$3,000.00	0.00	\$0.00	0.00	\$0.00	\$0.00	0%	\$3,000.00	
C-6	8" Waterline Offset \$2,200.00 PER Each	6.00	\$13,200.00	5.00	\$0.00	0.00	\$0.00	\$11,000.00	83%	\$2,200.00	
1	General Conditions \$198,770.00 PER LS	1.00	\$198,770.00	1.00	\$0.00	0.00	\$0.00	\$198,770.00	100%	\$0.00	
2	Furnish & Install 8" SDR35 Gravity \$175.00 PER LF	1,600.00	\$280,000.00	1,318.00	\$0.00	0.00	\$0.00	\$230,650.00	82%	\$49,350.00	
3	Precast Conc. Gravity Sewage \$5,428.00 PER Each	7.00	\$37,996.00	7.00	\$0.00	0.00	\$0.00	\$37,996.00	100%	\$0.00	
4	Removal Of Existing Sanitary \$3,500.00 PER Each	4.00	\$14,000.00	1.00	\$0.00	0.00	\$0.00	\$3,500.00	25%	\$10,500.00	
5	Furnish & Install 4" SDR35 Gravity \$160.00 PER LF	200.00	\$32,000.00	184.00	\$0.00	0.00	\$0.00	\$29,440.00	92%	\$2,560.00	
6	Connection To Existing Manhole \$4,140.00 PER Each	6.00	\$24,840.00	6.00	\$0.00	0.00	\$0.00	\$24,840.00	100%	\$0.00	
7	Furnish & Install 6" SDR26 PVC \$70.70 PER LF	2,300.00	\$162,610.00	2,312.00	\$0.00	0.00	\$0.00	\$163,458.40	101%	(\$848.40)	
8	Precast Conc. Gravity Sewage \$9,080.00 PER Each	1.00	\$9,080.00	0.00	\$0.00	0.00	\$0.00	\$0.00	0%	\$9,080.00	
9	Precast Conc. Doghouse Sewage \$12,500.00 PER Each	3.00	\$37,500.00	3.00	\$0.00	0.00	\$0.00	\$37,500.00	100%	\$0.00	
	<b>SUB-TOTALS</b>		\$844,996.00	\$807,733.40	\$0.00	\$0.00	\$0.00	\$807,733.40	96%	\$37,262.60	

CONTINUATION PAGE

**CONTINUATION PAGE**

PROJECT: Emerald Green  
Sewer Main Replacement

APPLICATION #: 7 Final  
DATE OF APPLICATION: 05/18/2020  
PERIOD THRU: 05/18/2020  
PROJECT #s: 2G

Payment Application containing Contractor's signature is attached.

A ITEM #	B WORK DESCRIPTION	C SCHEDULED AMOUNT		D COMPLETED WORK		E AMOUNT THIS PERIOD	F STORED MATERIALS (NOT IN D OR E)	G TOTAL COMPLETED AND STORED (D + E + F)	H BALANCE TO COMPLETION (C-G)	I RETAINAGE (if Variable)
		QTY	\$ AMT	AMOUNT PREVIOUS PERIODS	% COMP (G / C)					
10	Contingency Items									
11	C/O #1: Watermain Repairs \$10,323.00 PER LS	1.00	\$10,323.00	1.00	\$10,323.00	0.00	\$0.00	\$10,323.00	0.00	\$0.00
12	C/O #2: Rock Excavation \$200.00 PER Cu. Yd.	466.00	\$93,200.00	466.00	\$93,200.00	0.00	\$0.00	\$93,200.00	0.00	\$0.00
13	C/O #2: Paving Chester Court \$10,740.00 PER LS	1.00	\$10,740.00	1.00	\$10,740.00	0.00	\$0.00	\$10,740.00	0.00	\$0.00
14	C/O #2: WM Break #3 \$7,388.35 PER LS	1.00	\$7,388.35	1.00	\$7,388.35	0.00	\$0.00	\$7,388.35	0.00	\$0.00
15	C/O #2: Utility Conflict Cardiff Ln \$2,770.63 PER LS	1.00	\$2,770.63	1.00	\$2,770.63	0.00	\$0.00	\$2,770.63	0.00	\$0.00
16	C/O #2: Outside Drop \$12,262.52 PER LS	1.00	\$12,262.52	1.00	\$12,262.52	0.00	\$0.00	\$12,262.52	0.00	\$0.00
17	Change Order # 3: Paving \$22,774.42 PER LS	1.00	\$22,774.42	0.00	\$0.00	\$22,774.42	\$0.00	\$22,774.42	0.00	\$0.00
	<b>TOTALS</b>	\$1,004,454.92	\$1,004,454.92	\$944,417.90	\$22,774.42	\$0.00	\$0.00	\$967,192.32	\$37,262.60	

AI  
#7

# Town of Thompson

Town Hall  
4052 State Route 42  
Monticello, NY 12701

Water and Sewer Department

Phone: (845) 794-5280

Fax: (845) 794-2777

Email: [waterandsewer@townofthompson.com](mailto:waterandsewer@townofthompson.com)

Michael Messenger, Superintendent

Keith Rieber, Assistant Superintendent

## **BILLS OVER \$2500.00**

We are requesting permission to pay the attached invoice.

VENDOR: Schmidt's Wholesale INC.

DESCRIPTION: Electrical Supplies –DASNY GRANT – Dillon Farms water

AMOUNT: \$ 3,037.04

\*Sole Source\*



SCHMIDTS WHOLESALE, INC.  
 150 JEFFERSON STREET  
 MONTICELLO, NY 12701  
 WWW.SCHMIDTSWHOLESALE.COM

**INVOICE**

Phone 845-794-5900  
 Fax 845-794-6142

Page 1/2

**Sold To**  
 TOWN OF THOMPSON - SEWER & H2O  
 SEWER & WATER  
 4052 RTE 42  
 MONTICELLO NY 12701

**Ship To**  
 TOWN OF THOMPSON  
 END OF HANOVER DRIVE  
 MONTICELLO NY

Telephone# 845-794-5280

Telephone#

Customer # 0000574	Order Date 07/27/2020	Sales Order # 119784	Buyer BRAD	Customer P/O # DILLON FARMS	Ship Via P/U MONTICEL	Salesman 55
Invoice # 119784	Invoice Date 07/28/2020	Ship Date 07/28/20	Freight Terms PREPAID	Job Number	Terms NET 30 DAYS	

LN	QNTY ORD	QNTY SHIP	QNTY B/O	PRODUCT NUMBER	DESCRIPTION	UOM	NET PRICE	EXTENSION
1	1	1		46011481724	6 COMPACT DI MJ LONG SOLID SLEEVE L/ACC	Ea	62.475	\$62.48
2	2	2		00100020306	6 STAR-GRIP MJ RESTRAINT KIT SGDPPK06	Ea	41.31	\$82.62
3	8	8		30011970570	DUCTILE LUG	Ea	4.374	\$34.99
4	4	4		43011620090	6 PVC STAR-GRIP MJ RESTRAINT KIT FOR C900 PIPE PVCCK4006G2	Ea	48.1185	\$192.47
5	1	1		46011480800	6X6 COMPACT DI MJ HYD TEE.L/ACC	Ea	114.325	\$114.33
6	1	1		46011482104	6X2 COMPACT DI MJ TAPPED PLUG L/ACC	Ea	53.125	\$53.13
7	1	1		46011484951	6 FOSTER ADPT 6FA BC W/ACC	Ea	99.9375	\$99.94
9	2	2		47011012352	3/4" X 6' ZINC PLATED ROD ALL-THREAD MFG# 54G07506	Ea	23.5725	\$47.15
10	12	12		47011012355	3/4 PLATED HVY HEX NUT MFG# 56HG0075	Ea	0.9282	\$11.14
11	12	12		47011012381	3/4 PLATED FLAT WASHER MFG# 52G0075	Ea	0.5296	\$6.36
12	3	3		74013165050	I. 664-A SLIP 2-PIECE VALVE BOX W/LID MARKED WATER	Ea	68.75	\$206.25
13	3	3		97482025423	6" MUELLER A2361-23 MECH JT DI RW GATE VALVE O/L LESS/ACC	Ea	701.8322	\$2105.50
14	1	1		SP*053365	2" PHILMAC 75-23088 ID SERIES COMP X MIP ADPT MFG# 75-23088	Ea	20.6782	\$20.68

[ CONTINUED ]



SCHMIDTS WHOLESALE, INC.  
 150 JEFFERSON STREET  
 MONTICELLO, NY 12701  
 WWW.SCHMIDTSWHOLESALE.COM

**INVOICE**

Phone 845-794-5900  
 Fax 845-794-6142

Page 2/2

**Sold To**  
 TOWN OF THOMPSON - SEWER & H2O  
 SEWER & WATER  
 4052 RTE 42  
 MONTICELLO NY 12701

**Ship To**  
 TOWN OF THOMPSON  
 END OF HANOVER DRIVE  
 MONTICELLO NY

Telephone# 845-794-5280

Telephone#

Customer # 0000574	Order Date 07/27/2020	Sales Order # 119784	Buyer BRAD	Customer P/O # DILLON FARMS	Ship Via P/U MONTICEL	Salesman 55
Invoice # 119784	Invoice Date 07/28/2020	Ship Date 07/28/20	Freight Terms PREPAID	Job Number	Terms NET 30 DAYS	

LN	QTY ORD	QTY SHIP	QTY B/O	PRODUCT NUMBER	DESCRIPTION	UOM	NET PRICE	EXTENSION

Customer Copy

Brass material with a lead content over 0.25% cannot be used in potable water systems per the Safe Drinking Water Act.

**Terms & Conditions**  
 We do not accept returns on brass material that have a lead content over 0.25%.

Merchandise	3,037.04
Freight	0.00
Misc Charges	0.00
Sub Total	3,037.04
Taxable	0.00
Tax (01)	0.00
<b>TOTAL</b>	<b>\$3,037.04</b>

Customer Copy

Pay By 08/27/2020

Writer: LLN



**Town Supervisor**  
William J. Rieber, Jr.

**Town Board Members**  
Deputy Supervisor Scott Mace  
John Pavese  
Melinda Meddaugh  
Ryan Schock

AI  
#7

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August 18, 2020

**Bills over \$2,500.00**

We are requesting permission to pay H. Osterhoudt Excavating, Inc. for work completed on the Emerald Green Pump Station #9 Collection System

H. Osterhoudt Excavating, Inc.	Application # 7	\$69,995.32
--------------------------------	-----------------	-------------

**APPROVED BY TOWN BOARD** \_\_\_\_\_



# RECOMMENDATION OF PAYMENT

OWNER's Project No. \_\_\_\_\_ ENGINEER's Project No. 18-701  
 Project: Emerald Green Sewage Collection Rehabilitation System

CONTRACTOR	<u>H. Osterhoudt Excavating, Inc.</u>	Contract Date	<u>08-22-19</u>
Contract For	<u>General</u>	Application Amount	<u>\$22,774.42</u>
Application Date	<u>06-02-20</u>		
For Period Ending	<u>06-02-20</u>		

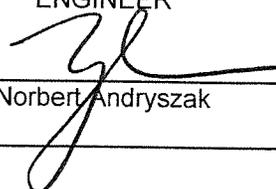
To Town of Thompson  
 OWNER

Attached hereto is the CONTRACTOR's Application for Payment for Work accomplished under the Contract through the date indicated above. The Application meets the requirements of the Contract Documents and includes the CONTRACTOR's Certificate stating that all previous payments to him under the Contract have been applied by him to discharge in full all of his obligations in connection with the Work covered by all prior Applications for Payments.

In accordance with the Contract, the undersigned recommends payment to the CONTRACTOR of the amount due as shown below.

**McGoey, Hauser & Edsall**  
**Consulting Engineers, D.P.C.**  
 ENGINEER

DATED 8/5/20

By   
 Norbert Andryszak

### Statement of Work

Original Contract Price	<u>\$844,996.00</u>	Work Completed To Date	<u>\$919,971.40</u>
Net Change Order	<u>\$10,323.00 C/O #1</u> <u>\$126,361.50 C/O #2</u> <u>-\$14,488.18 C/O #3</u> <u>\$0.00 C/O #4</u> <u>\$0.00 C/O #5</u>	Less Amount Retained To Date (Not Including This Request)	<u>\$0.00</u>
Current Contract Price	<u>\$967,192.32</u>	Less Previous Payments	<u>\$897,196.98</u>
Work To Be Done	<u>\$47,220.92</u>	Application Amount	<u>\$22,774.42</u>
		Amount Returned This Request	<u>\$47,220.90</u>
		Amount Due This Payment	<u>\$69,995.32</u>

*H. 8625.401*

# PAYMENT APPLICATION

**TO:** Town of Thompson  
 4052 Route 42  
 Monticello, NY 12701  
 Attn: Bill Reiber

**PROJECT NAME AND LOCATION:**  
 Emerald Green  
 Sewer Main Replacement  
 4052 Route 42  
 Monticello, NY 12701

**ARCHITECT:**  
 McGoey Hauser & Edsall  
 111 Wheatfield Drive Suite 1  
 Milford, PA 18337

**FROM:** H. Osterhoudt Excavating, Inc  
 11 Spring Street  
 Ellenville, NY 12428

**FOR:**

**APPLICATION #** \_\_\_\_\_ **Final** 7 06/02/2020 **Distribution to:**  OWNER  ARCHITECT  CONTRACTOR  
**PERIOD THRU:** 2G  
**PROJECT #s:** \_\_\_\_\_  
**DATE OF CONTRACT:** 07/15/2019

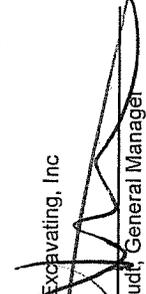
## CONTRACTOR'S SUMMARY OF WORK

Application is made for payment as shown below. Continuation Page is attached.

1. CONTRACT AMOUNT	\$844,996.00		
2. SUM OF ALL CHANGE ORDERS	\$122,196.32		
3. CURRENT CONTRACT AMOUNT (Line 1 +/- 2)	\$967,192.32		
4. TOTAL COMPLETED AND STORED (Column G on Continuation Page)	\$967,192.32		
5. RETAINAGE:			
a. 0.00% of Completed Work (Columns D + E on Continuation Page)	\$0.00		
b. 0.00% of Material Stored (Column F on Continuation Page)	\$0.00		
Total Retainage (Line 5a + 5b or Column I on Continuation Page)	\$0.00		
6. TOTAL COMPLETED AND STORED LESS RETAINAGE (Line 4 minus Line 5 Total)	\$967,192.32		
7. LESS PREVIOUS PAYMENT APPLICATIONS	\$997,197.00		
8. PAYMENT DUE	\$69,995.32		
9. BALANCE TO COMPLETION (Line 3 minus Line 6)	\$0.00		

SUMMARY OF CHANGE ORDERS	ADDITIONS	DEDUCTIONS
Total changes approved in previous months	\$136,684.50	\$0.00
Total approved this month	\$22,774.42	(\$37,262.60)
<b>TOTALS</b>	<b>\$159,458.92</b>	<b>(\$37,262.60)</b>
<b>NET CHANGES</b>	<b>\$122,196.32</b>	

Contractor's signature below is his assurance to Owner, concerning the payment herein applied for, that: (1) the Work has been performed as required in the Contract Documents, (2) all sums previously paid to Contractor under the Contract have been used to pay Contractor's costs for labor, materials and other obligations under the Contract for Work previously paid for, and (3) Contractor is legally entitled to this payment.

**CONTRACTOR:** H. Osterhoudt Excavating, Inc  
 By:   
 Karen Osterhoudt, General Manager  
 State of: New York Date: 06/02/2020  
 County of: Ulster

Subscribed and sworn to before me this 2nd day of June 2020  
 Notary Public:   
 My Commission Expires: July 21, 2028 12-5-2021

Notary Public, State of New York  
 Thomas J. Briggs  
 ID #01BR6137871 Ulster County  
 My Commission Expires 12-5-2021

### ENGINEER'S CERTIFICATION

Architect's signature below is his assurance to Owner, concerning the payment herein applied for, that: (1) Architect has inspected the Work represented by this Application, (2) such Work has been completed to the extent indicated in this Application, and the quality of workmanship and materials conforms with the Contract Documents, (3) this Application for Payment accurately states the amount of Work completed and payment due therefor, and (4) Architect knows of no reason why payment should not be made.

**CERTIFIED AMOUNT:** \$69,995.32  
 (If the certified amount is different from the payment due, you should attach an explanation. Initial all the figures that are changed to match the certified amount.)

By:   
 ENGINEER: MATTHEW SICKLER  
 Date: 8/5/20

Neither this Application nor Payment applied for herein is assignable or negotiable. Payment shall be made only to Contractor, and is without prejudice to any rights of Owner or Contractor under the Contract Documents or otherwise.

**CONTINUATION PAGE**

PROJECT: Emerald Green Sewer Main Replacement  
 APPLICATION #: 7 Final  
 DATE OF APPLICATION: 06/02/2020  
 PERIOD THRU: 06/02/2020  
 PROJECT #s: 2G

Payment Application containing Contractor's signature is attached.

A ITEM #	B WORK DESCRIPTION	C SCHEDULED AMOUNT		D COMPLETED WORK		E AMOUNT THIS PERIOD	F STORED MATERIALS (NOT IN D OR E)	G TOTAL COMPLETED AND STORED (D + E + F)	H BALANCE TO COMPLETION (C-G)	I RETAINAGE (If Variable)
		QTY	\$ AMT	AMOUNT PREVIOUS PERIODS	AMOUNT THIS PERIOD					
A-1	Allowance		\$20,000.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20,000.00	
	\$20,000.00 PER LS	1.00		0.00	0.00	\$0.00	0.00	0.00	1.00	
C-1	Rock Excavation		\$2,000.00	466.00	\$46,600.00	\$0.00	\$0.00	\$46,600.00	(\$44,600.00)	
	\$100.00 PER Cu. Yd.	20.00		466.00	\$46,600.00	\$0.00	0.00	466.00	-446.00	
C-2	Test Pit Excavations		\$7,500.00	189.00	\$14,175.00	\$0.00	\$0.00	\$14,175.00	(\$6,675.00)	
	\$75.00 PER Cu. Yd.	100.00		189.00	\$14,175.00	\$0.00	0.00	189.00	-89.00	
C-3	Additional Roadway Subbase		\$1,200.00	204.25	\$9,804.00	\$0.00	\$0.00	\$9,804.00	(\$8,604.00)	
	\$48.00 PER Cu. Yd.	25.00		204.25	\$9,804.00	\$0.00	0.00	204.25	-179.25	
C-4	Additional Crushed Stone/		\$1,300.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,300.00	
	\$52.00 PER Cu. Yd.	25.00		0.00	\$0.00	\$0.00	0.00	0.00	25.00	
C-5	Additional Class 3 Concrete		\$3,000.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,000.00	
	\$300.00 PER Cu. Yd.	10.00		0.00	\$0.00	\$0.00	0.00	0.00	10.00	
C-6	8" Waterline Offset		\$13,200.00	5.00	\$11,000.00	\$0.00	\$0.00	\$11,000.00	\$2,200.00	
	\$2,200.00 PER Each	6.00		5.00	\$11,000.00	\$0.00	0.00	5.00	1.00	
1	General Conditions		\$198,770.00	1.00	\$198,770.00	\$0.00	\$0.00	\$198,770.00	\$0.00	
	\$198,770.00 PER LS	1.00		1.00	\$198,770.00	\$0.00	0.00	1.00	0.00	
2	Furnish & Install 8" SDR35 Gravity		\$280,000.00	1,318.00	\$230,650.00	\$0.00	\$0.00	\$230,650.00	\$49,350.00	
	\$175.00 PER LF	1,500.00		1,318.00	\$230,650.00	\$0.00	0.00	1,318.00	282.00	
3	Precast Conc. Gravity Sewage		\$37,996.00	7.00	\$37,996.00	\$0.00	\$0.00	\$37,996.00	\$0.00	
	\$5,428.00 PER Each	7.00		7.00	\$37,996.00	\$0.00	0.00	7.00	0.00	
4	Removal Of Existing Sanitary		\$14,000.00	1.00	\$3,500.00	\$0.00	\$0.00	\$3,500.00	\$10,500.00	
	\$3,500.00 PER Each	4.00		1.00	\$3,500.00	\$0.00	0.00	1.00	3.00	
5	Furnish & Install 4" SDR35 Gravity		\$32,000.00	184.00	\$29,440.00	\$0.00	\$0.00	\$29,440.00	\$2,560.00	
	\$160.00 PER LF	200.00		184.00	\$29,440.00	\$0.00	0.00	184.00	16.00	
6	Connection To Existing Manhole		\$24,840.00	6.00	\$24,840.00	\$0.00	\$0.00	\$24,840.00	\$0.00	
	\$4,140.00 PER Each	6.00		6.00	\$24,840.00	\$0.00	0.00	6.00	0.00	
7	Furnish & Install 6" SDR26 PVC		\$162,610.00	2,312.00	\$163,458.40	\$0.00	\$0.00	\$163,458.40	(\$848.40)	
	\$70.70 PER LF	2,300.00		2,312.00	\$163,458.40	\$0.00	0.00	2,312.00	-12.00	
8	Precast Conc. Gravity Sewage		\$9,080.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,080.00	
	\$9,080.00 PER Each	1.00		0.00	\$0.00	\$0.00	0.00	0.00	1.00	
9	Precast Conc. Doghhouse Sewage		\$37,500.00	3.00	\$37,500.00	\$0.00	\$0.00	\$37,500.00	\$0.00	
	\$12,500.00 PER Each	3.00		3.00	\$37,500.00	\$0.00	0.00	3.00	0.00	
	<b>SUB-TOTALS</b>		<b>\$844,996.00</b>	<b>\$807,733.40</b>	<b>\$807,733.40</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$807,733.40</b>	<b>\$37,262.60</b>	

CONTINUATION PAGE



AI  
#7



**Town Supervisor**  
William J. Rieber, Jr.

**Town Board Members**  
Deputy Supervisor Scott Mace  
John Pavese  
Melinda Meddaugh  
Ryan Schock

---

August 18, 2020

**Bills over \$2,500.00**

We are requesting permission to pay Green Acres Excavating and Construction Corp. for work completed on the Melody Lake Watermain Replacement Project

Green Acres Excavating and Construction Corp.    Application #3    \$69,761.11

**APPROVED BY TOWN BOARD** \_\_\_\_\_

NO. 3**RECOMMENDATION OF PAYMENT**OWNER's Project No. \_\_\_\_\_ ENGINEER's Project No. 18-702  
Project: Town of Thompson-Melody Lake Water District Watermain Replacement Project

CONTRACTOR	<u>Green Acres Excavating and Construction Corp.</u>		
Contract For	<u>General Construction</u>	Contract Date	<u>October 2, 2019</u>
Application Date	<u>July 9, 2020</u>	Application Amount	<u>\$73,432.76</u>
For Period Ending	<u>July 28, 2020</u>		

To Town of Thompson  
OWNER

Attached hereto is the CONTRACTOR's Application for Payment for Work accomplished under the Contract through the date indicated above. The Application meets the requirements of the Contract Documents and includes the CONTRACTOR's Certificate stating that all previous payments to him under the Contract have been applied by him to discharge in full all of his obligations in connection with the Work covered by all prior Applications for Payments.

In accordance with the Contract, the undersigned recommends payment to the CONTRACTOR of the amount due as shown below.

**McGoey, Hauser & Edsall**  
**Consulting Engineers, D.P.C.**  
ENGINEER

DATED 7/4/20By   
Norbert Andryszak**Statement of Work**

Original Contract Price	<u>\$392,041.00</u>	Work Completed To Date	<u>\$386,985.90</u>
Net Change Order	<u>\$0.00</u> C/O #1	Less Amount Retained To Date (Not Including This Request)	<u>\$15,677.66</u>
	<u>\$0.00</u> C/O #2		
	<u>\$0.00</u> C/O #3	Less Previous Payments	<u>\$297,875.48</u>
	<u>\$0.00</u> C/O #4		
	<u>\$0.00</u> C/O #5	Application Amount	<u>\$73,432.76</u>
Current Contract Price	<u>\$392,041.00</u>		
Work To Be Done Including Retainage	<u>\$24,404.40</u>	Less Amount Retained This Request 5.0%	<u>\$3,671.64</u>
		Amount Due This Payment	<u>\$69,761.11</u>

H. 8340.200

# G702 APPLICATION and CERTIFICATE for PAYMENT

To: TOWN OF THOMPSON  
4052 ROUTE 42  
MONTICELLO, NY 12701

From: GREEN ACRES EXCAVATING &  
CONTRACTING CORP.

Project: MELODY LAKE WATER  
DISTRICT WATERMAIN  
REPLACEMENT

Application No: 23 Distribution to:  
 OWNER  
 CONSTRUCTION MGR.  
 ARCHITECT  
 CONTRACTOR  
 ENGINEER

App. Date: December 12, 2019

Period to: July 9, 2020

Project No: 18-702

Contract Date: October 2, 2019

Contract For: Engineer. MHE DPC

## APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, G703, is attached.

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

1. ORIGINAL CONTRACT SUM 392,041.00
2. Net Change By Change Orders
3. CONTRACT SUM TO DATE 392,041.00
4. TOTAL COMPLETED AND STORED TO DATE 386,985.90

- a. of Completed Work 19,349.30
- b. of Stored Material 0.00

- TOTAL RETAINAGE 19,349.30
6. TOTAL EARNED LESS RETAINAGE 367,636.60
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT 297,875.49
8. CURRENT PAYMENT DUE 69,761.11
9. BALANCE TO FINISH, INCLUDING RETAINAGE 24,404.40

CONTRACTOR: GREEN ACRES EXCAVATING

By: [Signature] Date: 7-28-20

State of: NY County of: Ulster day of July 2020

Subscribed and sworn before me this 28<sup>th</sup> day of July 2020

The above personally appeared before me, the undersigned notary public, and provided satisfactory evidence of identification to be the person who signed this document in my presence and swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

Notary Public: [Signature] Commission expires: 11-8-2021

## ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated. The quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total approval this Month		
<b>TOTALS</b>		
NET CHANGES by Change Order		

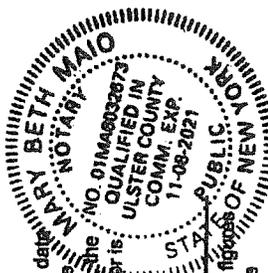
AMOUNT CERTIFIED

(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)

ENGINEER

By: \_\_\_\_\_ Date: \_\_\_\_\_

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.



Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification is attached.

Application No: **23**

App. Date: December 12, 2019

Use Column I on Contracts where variable retainage for line items may apply.

Period to: July 9, 2020

Project No: 18-702

A Item #	B Description of Work		C Scheduled Amount	D Work Completed		E Amount This Period	F Materials Stored & Used Prior + Current	G Total Completed and Stored To Date	H Balance to Finish	I Retainage
	Unit Cost	Unit Type		From Previous Application(s)	Amount This Period					
1	MOBILIZATION/DEMObILIATION	3,000.00 4 EA	Amt Qty 12,000.00 4.00	6,000.00 2.00	6,000.00 2.00			12,000.00 4.00	0.00 0.00	600.00
2	4" PVC 900 IN PAVEMENT	103.74 1300 LF	Amt Qty 134,862.00 1,300.00	83,925.66 809.00	3,319.68 32.00			87,245.34 841.00	47,616.66 459.00	4,362.27
3	4" PVC 900 IN GRASS	86.28 1675 FL	Amt Qty 144,519.00 1,675.00	197,667.48 2,291.00	5,263.08 61.00			202,930.56 2,352.00	-58,411.56 -677.00	10,146.53
4	4" GATE VALVES	880.00 17 EA	Amt Qty 14,960.00 17.00	14,960.00 17.00				14,960.00 17.00	0.00 0.00	748.00
5	3/4" WATER SERVICE	1,400.00 37 EA	Amt Qty 51,800.00 37.00		51,800.00 37.00			51,800.00 37.00	0.00 0.00	2,590.00
6	FLUSHING HYDRANTS	4,800.00 2 EA	Amt Qty 9,600.00 2.00	4,800.00 1.00	4,800.00 1.00			9,600.00 2.00	0.00 0.00	480.00
7	(C-1) ROCK EXCAVATION	100.00 20 CY	Amt Qty 2,000.00 20.00		1,500.00 15.00			1,500.00 15.00	500.00 5.00	75.00
8	(C-2) TEST PITS \$250 PER YRD	250.00 25 CY	Amt Qty 6,250.00 25.00						6,250.00 25.00	0.00
9	(C-3) ADDTL SELECT BORROW	28.00 150 CY	Amt Qty 4,200.00 150.00		0.00 0.00			0.00 0.00	4,200.00 150.00	0.00
10	(C-4) ADDTL CRUSHED STONE	45.00 10 CY	Amt Qty 450.00 10.00		0.00 0.00			0.00 0.00	450.00 10.00	0.00
11	(C-5) ADDTL CONCRETE	250.00 10 CY	Amt Qty 2,500.00 10.00		750.00 3.00			750.00 3.00	1,750.00 7.00	37.50

PAGE 1 TOTAL:	383,141.00	307,353.14	73,432.76	380,785.90	99.39	2,355.10	19,039.30
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A=Line Item Number      B=Brief Item Description      C=Total Value of Item      D=Total of D and E From Previous Application(s) (If Any)      E=Total Work Completed For This Application  
 F=Materials Purchased and Stored for Project      G=Total of All Work Completed and Materials Stored for Project      H=Remaining Balance of Amount to Finish      I=Amount Withheld from G

Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification is attached.

Application No: **23**

App. Date: December 12, 2019

Use Column I on Contracts where variable retainage for line items may apply.

Period to: July 9, 2020

Project No: 18-702

A Item #	B Description of Work	Unit Cost Unit Type	C Scheduled Amount		D Work Completed		E Work Completed Amount This Period	F Materials Stored & Used Prior + Current	G Total Completed and Stored To Date	H Balance to Finish	I Retainage
			Amt	Qty	From Previous Application(s)	Amount This Period					
12	(C-6) BITUMINOUS PAVEMENT	45.00 50 SY	2,250.00			0.00	0.00	0.00	0.00	2,250.00	0.00
13	(C-7) 4" WATERMAIN OFFSET	3,100.00 2 EA	6,200.00	2.00	6,200.00		2.00	6,200.00	2.00	0.00	310.00
14	(C-8) ADDITIONAL RDWAY SUBBASE	45.00 10 CY	450.00	10.00		0.00	0.00	0.00	0.00	450.00	0.00

PAGE 2 TOTAL:	8,900.00	6,200.00	0.00	6,200.00	69.66	2,700.00	310.00
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GRAND TOTAL:	392,041.00	313,553.14	73,432.76	386,985.90	98.71	5,055.10	19,349.30
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A=Line Item Number      B=Brief Item Description      C=Total Value of Item      D=Total of D and E From Previous Application(s) (If Any)      E=Total Work Completed For This Application  
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FYI

Thomas, 07 Aug 2020

Thank you for  
your prompt  
delivery of  
the requested  
certificate.

It's nice to  
business "person-to-  
person" instead of  
on-line!

Here is the \$10.  
Stay Safe & Be Healthy.  
Lisa M. Jorgensen