

Agenda
Manlius Town Board
May 26, 2021
6:30 PM

1. Virtual Meeting Instructions

Documents:

[5-26-21 TOWN BOARD MEETING INSTRUCTIONS.PDF](#)

2. Pledge Of Allegiance

3. Open Podium

Nicholas Agrippino

4. Approval Of Minutes - April 28, 2021 & May 12, 2021

Documents:

[4-28-21 DRAFT .PDF](#)

[5-12-21 DRAFT.PDF](#)

5. Approval Of Abstract

Documents:

[ABSTRACT 10.PDF](#)

6. Salt Springs Water District

The Town Board will explain the petition process and discuss the bond resolution.

Documents:

[447.026 FINAL SALT SPRINGS MAP PLAN AND REPORT.PDF](#)

7. Discussion - Modification Of 2 Year Terms For Town Clerk And Highway Superintendent

The Town Board will be discussing modifying the elected terms of the Town Clerk and Highway Superintendent from 2 Years to 4 years.

8. Highway Superintendent

9. Attorney

Policy Creating Sustainable Manlius Publicity Fund and Accepting Gifts

Documents:

[RESOLUTION ACCEPTING GIFTS FOR SUSTAINABLE MANLIUS DRAFT 1.PDF](#)

10. Town Clerk

Resolution to rescind the temporary suspension of commercial peddler permits in the Town due to the COVID-19 Pandemic.

11. Police Chief

12. Town Manager

12.I. 457 Deferred Compensation Plan. Copies Of The Plans Are Available At Town Hall

12.II. Workers Compensation Policy Renewal

Documents:

[WORKERS COMPENSATION PREMIUM SUMMARY.PDF](#)

13. Committee Reports

13.I. Sustainable Manlius

13.II. Economic Development

14. Supervisor

15. Adjournment

This meeting is being recorded and live streamed. The recording will be broadcast live and will be posted to the town website at www.townofmanlius.org



May 26, 2021 – 6:30PM

Town Board Meeting Instructions

The easiest way to participate in the meeting is to use the link provided below. The meeting will be conducted on the ZOOM platform as a webinar. Please make sure that when you complete your attendee registration you enter your full name.

Click on the link or Enter the meeting URL web address as listed below.

<https://us02web.zoom.us/j/85648179494?pwd=VkFwV09EbXpoN3EvZlNKSCtOdzR0Zz09>

Password to join when prompted:

Password: **134013**

Enter your email address and name and join the meeting.

Join by telephone by dialing the number below:

(929) 436-2866

When prompted to enter the Webinar ID, use the number below followed by #

Webinar ID: 856 4817 9494

Press # again to skip the personal id and enter the password below followed by #

Password: **134013**

If this is your first time joining a ZOOM meeting you may practice using ZOOM meeting platform at <https://zoom.us/test>.

MINUTES
TOWN BOARD
April 28, 2021

The Town of Manlius Town Board live streaming from their homes, with Supervisor Edmond Theobald presiding and the following Board members present:

Karen Green, Councilor
Sara Bollinger, Councilor
Elaine Denton, Councilor
John Deer, Councilor
Heather Waters, Councilor
Katelyn M. Kriesel, Councilor

1. Supervisor Theobald introduced the Town Board Members and Town Officers that were in attendance.

Tim Frateschi, Attorney for the Town
Mike Crowell, Police Chief
Doug Miller, Town Engineer
Randy Capriotti, Director of Codes

Allison A. Weber, Town Clerk
Rob Cushing, Highway Superintendent
Ann Oot, Town Manager

Virtual Meeting Attendees: Taylor Bottar, Joel Bianchi, M. J. Engineering, Ed Davidson, Rich Andino, Cooper Pyle, Atif Ali, David & Louis Muraco, Amanda Mazzoni, Olivia Hicklen, Tom Kinsella, Traci Sousa, M. J. Engineering, Adam Schultz, Marlene, Geoff Miller, Mike, Joseph Jerry, Sheila, Cindy, Donna Edgar, Ben Vollmer, Maureen Scoville, Gutheim Family, Erin T, Dave Scamehorn, Ron Dailey, Warren Linhart, Andrea Belton, Jeff, Nelipowitz, David Lockrow, Addison Molinaro, Andrew Wight, Patricia Hazard, Faith Binder, Beth Scott, Nancy, Susan Button, Phil, Michelle Romano, David Sheridan, Stuart Ben, Kelly Wells, JR Messineo, Kristy Witkowski, John Belton, Lesley Pease, Alexander Dunckle, Barb Wilson, Benson, Roni M, Louise Cummings, Nicole Potocki, Olivia Hicklen, Chastity LaBeff, Deborah Tooker, Grete Day, international, Fred and Vicki Keeney, Matt, Joshua Cousins, Adam Schultz.

2. The Pledge of Allegiance

The Town Board recited the Pledge of Allegiance. Supervisor Theobald, called the meeting to order at 6:30 pm.

3. Open Podium

Ben Vollmer from Renewal Properties asked about a pilot with the IDA. Attorney Frateschi stated he would address this subject later in the meeting.

4. Approval of Minutes – April 14, 2021

Councilor Green made a motion, seconded by Councilor Bollinger, to table the April 14, 2021 minutes until the April 28, 2021 meeting.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters, Councilor Kriesel

Nayes: 0

All in Favor.

Motion Carries.

5. Return of Remaining Securities – Brinan Fields Run was dedication and the original securities were released on 1-13-2021.

Town Clerk Weber stated that the road was previously dedicated on January 13, 2021 and the town held \$3,000 for drainage work to be completed before releasing the balance of the securities.

Superintendent Cushing stated the delay was because of a drainage issue in the area of the road. Town Engineer Miller stated the town has received a letter of release from Napierala Consulting stating the drainage is intact and operational.

Councilor Deer made a motion, seconded by Councilor Bollinger, to release the remaining \$3,000 dollars in securities for Brinan Fields Run.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters, Councilor Kriesel

Nayes: 0

All in Favor.

Motion Carries.

6. Approval of Abstract # 8

Councilor Bollinger made a motion, seconded by Councilor Green, to approve Abstract # 8 as submitted by Town Clerk Weber.

TOWN OF MANLIUS		
Fund Summary		
Abstract # 8 - 2021		
CODE	FUND	TOTALS
A	General Fund Townwide	\$247,112.34
B	General Fund Town	\$6,462.91
CM1	Police Trust	\$381.28
DA	Highway Fund Townwide	\$34,617.18
DB	Highway Fund Town	\$2,229.14
SR1	Manlius Trash District	\$112,686.54
SR2	Manlius Res Brush District	\$12,720.20
TA2	Trust & Agency - Other	\$3,000.00

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters, Councilor Kriesel

Nayes: 0

All in Favor.

Motion Carries.

7. Continuation of Public Hearing – Skyridge Water District (Salt Springs Water District)

Town Clerk Weber reviewed the public comments that have been submitted to the Town Clerk's Office and the Barton & Loguidice website regarding the proposed Salt Springs Water District:

- Barry Smith – Opposed
- Joseph Messino – Submitted several questions.
- Scott Thompson – In Favor

- John Belton- In Favor
- Barb Wilson – In Favor
- Deborah Tooker – Asked Questions
- James & Rosemary Gerace - Opposed
- Frank Cruz – Concerned about cost.

Town Clerk Weber stated that all questions and comments that were received by mail, email or through the town website and Barton & Loguidice have been forwarded to the Town Board.

Taylor Bottar, Barton & Loguidice reviewed information viewed from the Salt Springs Water District website. This information included a map of the proposed water main, pump station and tank. Mr. Bottar discussed cost estimates which include the total project cost, break down into the two towns costs, individual usage costs, and user connection costs.

Mr. Bottar stated OCWA shows the water level above the well pump is about 26 feet in the Skyridge tank now which is half of what it has been. Mr. Bottar stated if the water gets to an extremely low level OCWA would need to truck water in.

Erin Trojan, Zoom Attendee, 8789 Horseshoe Lane, stated that she is in favor of the project and believes this is the best long-term solution for the area. Ms. Trojan stated it will increase property values, ensures water during a drought, and ensures fire protection through the OCWA system.

Town Clerk Weber read aloud the comments submitted in the Q&A on the Zoom platform. The comments are recorded under the name the registrant submitted.

Deb Tooker stated that she is in favor of the water project.

Beth Scott and Mark Stanbro, 8791 Horseshoe Lane, stated that they are in favor of the water project.

John Belton asked if the new water district would require a zone change. Attorney Frateschi answered no it would not require a zone change.

International (Joe Dodd), asked why residents from the Town of Sullivan that would benefit from the proposed Salt Springs Water District why are they not included in the district?

Supervisor Theobald stated that anyone wishing to participate must provide their name for the record.

Barb Wilson asked if there is a chance that the remaining funds that Horseshoe Lane has paid annually could be given to others in the new district that are to pay for a connection. People could apply for help from this fund to help to defray the cost, just an ideal. Will it cost the residents of Horseshoe Lane money when OCWA must bring in water when the wells fail?

Faith Binder stated that the Horseshoe Lane residents were told by the town in 2011 that the Skyridge water tank needed either painting or replacing now it is 2021. We were told the pipes from the tank to the houses were not necessarily sound or usable over more time in fact there was no information known about the material or fitness of those connections has any of this been updated. Ms. Binder stated that she is in favor the project.

Supervisor Theobald stated OCWA had sent a letter explaining that the systems would need repairs.

Town Engineer Miller stated the town has had several meetings with the residents over the years and have presented proposals close to what Barton & Loguidice has presented. Mr. Miller stated the homeowners did not have an interest in moving forward with a proposal at that time.

Roni M, Gulf Road, stated they are in favor of the project.

Michelle & Jim Romano, 8782 Horseshoe Lane are in favor of the project.

David Lockrow, 5530 Gulf Road, is in favor of the project.

Susan Button stated that she is in favor of the project.

Eric & Donna Wiehenstroer, 8765 Horseshoe Lane, stated that they are in favor of the project.

Alex & Sheri Dunckle, 8794 Horseshoe Lane, stated that they are of the project.

Lesley Pease stated that she is in favor of the project and stated this is an excellent plan and solves many problems.

Barb Wilson, asked if more aggressive efforts will be made on the part of the Town Board to seek funds from County, State and Federal levels to bring the cost down between now and the final vote? Councilor Bollinger answered yes.

International, clarified he is Joe Dodd, 1365 Salt Springs Rd. and stated that he is opposed to the project.

Mr. Dodd asked why the residents on Skyridge Rd. in the Town of Sullivan are not included? Councilor Bollinger stated because the homeowners on that road voted against the project last time.

Mike & Vanja Goodman stated that they are in favor of the project.

Deborah Tooker stated the water system is a great town improvement and the town should take advantage of the infrastructure funding.

J. R. Messenio stated that the people that are commenting positively are most likely residents of Horseshoe Lane.

Andrea Belton stated she is in favor of the project.

Nancy & Matt Zolomek, 8792 Horseshoe Lane, stated that they are in favor of the project and believes this is the best long-term solution.

Marlene stated that she is in favor of the project and even if a resident does not choose to tie into the public water up the street, it is cheap insurance for us to guarantee its availability in the event of further need.

Mr. Messino stated Skyridge Road was eliminated because they opposed the water district.

Town Clerk Weber promoted attendees that requested to speak.

Steve Benson stated he feels an undue burden is being placed on residents located outside the Skyridge Water District to help fund some commercial interests and believes that the commercial interests should contribute more to the project.

Mr. Benson asked the following: It was stated that you would pay for the hookup from the line to the property, does that mean you will come across the road? Mr. Bottar answered yes, the services will be brought across the road. Mr. Benson stated he does not feel everything is up front.

Donna Edgar, 1233 Salt Springs Road stated she has been on her well for sixty years without a single problem. Ms. Edgar is opposed to the project.

Joe Dodd, 1365 Salt Springs Road in the Town of Sullivan, stated that his understanding of New York State town law, is that any property that would benefit from the proposed district has to be included in the district whether they are opposed to it or not.

Mr. Dodd asked the following: how is it, based on the law mentioned previously, that the residents on Skyridge Road are being excluded? Mr. Bottar answered Skyridge Road is a spur off Salt Springs Road. Mr. Bottar stated a previous iteration of this project proposed a water main going down Skyridge Rd. and the residents resisted that option. Mr. Bottar stated the water main that is now proposed will only go down Salt Springs Rd.

Councilor Kriesel asked why there is such a divide between the Horseshoe Lane and Gulf Road residents concerning this project? Councilor Bollinger stated the people on Horseshoe Lane will benefit from the water system because they have problems with their system. Councilor Bollinger stated the people on Salt Springs Rd., are making a personal decision.

Supervisor Theobald stated that if the Skyridge Water District is approved then the Town can start the process for a joint water project with the Town of Sullivan to allow for more funding. Mr. Bottar stated that the costs that have been presented are based on the joint districts. Mr. Bottar stated that the Skyridge Water District 202b approval is step one in the process and once that is completed the town would form the Salt Springs District. The salt Springs District is an Article 12 petition process and the town would have to accept the petitions.

Rich Andino, Attorney for the project stated if petitions are submitted for the other Salt Spring project both the Sullivan and Manlius Town Boards will be required to have additional public hearings for the Article 12 districts. Mr. Andino stated the current public hearing is for the Skyridge Water District 202b portion of the project.

Town Clerk Weber read aloud comments on the Zoom platform.

JR Messino asked if the Town Board plans to answer the questions that were submitted on the website? Councilor Bollinger stated some of questions will be answered tonight and the more technical questions will be answered on the town website.

Deborah Tooker asked what are the commercial interests that were previously mentioned? The Town Board discussed the previous reference to commercial interests.

MS (Name as registered in Zoom) stated that they are in favor of the project after being affected by a fire and they know how important fire protection be. Residents should consider is as an opportunity to improve quality of life.

Town Clerk Weber promoted attendees that requested to speak.

JR Messino stated he had prepared ten or eleven detailed research questions and stated that for the board to not answer these questions in an open forum seems to be very opaque. Mr. Messino stated these questions are things that his fellow citizens should be aware of. Mr. Messino stated he does not disagree that Horseshoe Lane needs the water but he does not agree that the residents of Salt Springs Rd. should have to pay for it.

Mr. Messino requested that his questions be answered as there were submitted well in advance of the meeting. Councilor Bollinger stated the answers will be made publicly available.

Mr. Messino stated he was told by Barton & Loguidice that the questions would be answered during the meeting this evening. Attorney Frateschi stated public hearing is an opportunity for the public to ask questions to the board or provide comment to the board, there is no statutory requirement for the board to answer questions during a public forum. Attorney Frateschi stated it is appropriate for the Town Board to review questions and provide written responses after the meeting. Mr. Messino asked if the board would answer all of his questions in an email and post in a public forum? Supervisor Theobald answered yes, they will be answered.

Councilor Waters asked Mr. Messino if his questions were not posted on the F A Q page? Mr. Messino stated he submitted questions and he asked that in advance of the meeting the questions be posted. Mr. Messino was told the questions would not be posted but would be answered during the public forum. Mr. Bottar stated when the public hearing for Skyridge Water District was opened they opened a Q & A forum on the Salt Springs Website. Councilor Bollinger stated when this public hearing is closed there will be a Q & A summary of all question/comments collected. Councilor Bollinger stated this is the process that will be used for each step of the project.

Councilor Kriesel asked how the website is managed for questions and comments to be made through the portal. Mr. Bottar reviewed the process by which the submitted comments are sent to Barton & Loguidice.

Supervisor Theobald asked that the public hearing be held open until the next meeting. The Town Board discussed holding the public hearing open.

Councilor Green asked if Mr. Bottar had the average setback for the homes in the district? Mr. Bottar answered he will get an inventory for the setbacks. Councilor Green asked about the status of Town of Sullivan and this project? Mr. Bottar answered the Town of Sullivan will follow the Town of Manlius when it is time to proceed with the Salt Springs Water District.

Councilor Denton confirmed the steps for the proposed Skyridge Water District. Councilor Denton stated that, if the Skyridge Water District is approved for expansion then petitioning would take place. Councilor Denton stated that if the petitioning process fails and the residents do not want this service, the project ends there.

Councilor Denton stated that she is concerned about the cost to the residents, but the cost cannot be finalized until the Skyridge Water District is moved forward.

7:37 PM Councilor Waters was disconnected and rejoined the meeting.

Councilor Bollinger stated the goal is to have the process far enough along so the town can apply for funding when the grants are available.

Mr. Bottar stated there are no set dates to apply for funding but it is possible to begin in August/September 2021.

Councilor Waters stated the Town Board will review the process for questions and comments submitted. Councilor Waters stated that over all she is pleased with the thought put into the processes that were set up to address residents' questions and comments.

Councilor Deer asked Town Clerk Weber if she could forward the remaining attendees questions/comments to Barton & Loguidice and the Town Board to be answered. Town Clerk Weber stated the people waiting to talk can stay in the queue and speak at the next meeting. Town Clerk Weber stated people can submit a public comment form on the town's website.

The Town Board discussed the number of comments and questions that have been submitted and requested that the remaining residents with their hand raised be allowed to speak.

Matt Zlomek, 8792 Horseshoe Lane, stated that the association on Horseshoe Lane has been reviewing the water issue for a long time. Mr. Zlomek stated that having a safe, secure water source is critical and after hearing the well level numbers, he believes this is an opportunity to ensure the water source. Mr. Zlomek stated that there is potential funding available now and there will not be a better time to move forward with this project. Mr. Zlomek stated the water district improvements would provide fire protection where there is none at this time.

Sheila Ben stated that in response to an earlier question of why there is a divide between neighbors she does not believe it is personal preference as stated. Mrs. Ben stated that it is because twenty-nine homes are seeking to have ninety-five homes brought in to subsidize the cost of improvements. Mrs. Ben stated that the people that would benefit most from the project are in favor of it and she does not agree that the project would be an improvement to her property. Mrs. Ben questioned the cost of a connection as they would have to blast through deep rock, not shallow rock, as stated on the cost sheet. Mrs. Ben stated that there was no mention about additional costs that blasting could create.

Mrs. Ben asked if the land where the tank is proposed to be placed has been purchased. Mr. Bottar stated the property has not been purchased and is not sure if this will be the location for the tank, it is a preferred location.

Stuart (Name as Registered in Zoom), MacClenthen Rd, stated that a neighboring property owner was not able to grow hops due to the fact the rock is so close to the surface not for lack of water. Stuart stated that the proposed district encompasses 126 properties and 29 of those properties are in the Skyridge Water District which includes Horseshoe Lane, Portions of Gulf Rd., and Salt Springs Rd.

Stuart provided a number breakdown of proposed district.

126	properties in the proposed district
<u>29</u>	properties in the Current Skyridge Water District
97	properties or 77% of the total affected by proposed district.

Stuart stated that the hookup fee for his property would be greater than \$2,00 due to the setback from the road and the deep rock. Stuart stated that the proposed district is forcing an unjust enrichment by the Town.

Councilor Waters stated that the proposed district is not being forced on anyone and approving the Skyridge Water District is step one in the process. Councilor Waters stated there will be a petition process in which the residents in the area will decide.

Attorney Rich Andino reviewed the steps for the potential Salt Springs Joint Water District which would include Skyridge Water District, Salt Springs Road – Manlius and Salt Springs Road – Sullivan. Attorney Andino stated that there are separate legal processes that will need to be taken before anything is approved and without the names on the petitions the projects cannot move forward. Attorney Andino stated that because of the required legal steps this project cannot be forced on anyone.

Councilor Green made a motion, seconded by Councilor Deer to adjourn the public hearing in the matter of the proposed Skyridge Water District 202-b project until May 12, 2021.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters, Councilor Kriesel

Nayes: 0

All in Favor.

Motion Carries.

Town Clerk Weber stated she has people in the queue that has written question/comments and those items will be marked and saved for the board to hear at the May 12, 2021 meeting.

7. SUNY ESF Presentation – Community Greenhouse Gases Inventory

Amanda Mazzoni principal planner at the Central New York Regional Planning & Development Board stated that she has been working with the town on their requirements for the Climate Smart Community Certification Program and the NYSERDA Clean Energy Program.

Ms. Mazzoni stated that the town requested help in compiling a municipal operations Greenhouse Gases Inventory and a Community Wide Greenhouse Gas Inventory and the Community Wide Greenhouse Gas Inventory is not yet completed.

Ms. Mazzoni introduced Artif Ali and Cooper Pile from SUNY ESF to present their Municipal Operations Greenhouse Gases Inventory findings.

Artif Ali and Cooper Pile members of the ESF Environmental and Energy Auditing Class presented their findings which included:

1. Climate Change Effects in New York State.
2. Calculate GHG emissions from the selected sectors.
3. Identify ways to reduce GHG emissions.

Methods use to calculated GHC emissions for the town using data from 2019.

1. Buildings and facilities Emissions – Stationary Combustion of 14.24MT at 17%, Electricity 71.68MT at 83%.
2. Streetlights Emissions - of 18.49 MT CO₂e.
3. Vehicle Fleet Emissions – Kerosene 69.75 at 9%, Gasoline 313 at 41%, Diesel 388 at 50%.

Total Emissions of the Town of Manlius in 2019

1. Vehicle Fleet Total – 770.75 MT CO₂e at 88%.
2. Buildings Total – 85.72 MT CO₂e at 10%.
3. Streetlights Total – 18.49 MT CO₂e at 2%.

Recommendations to reduce emissions for the Town of Manlius.

8. Public Hearing – Zone Change 112 South Burdick Street (tax map # 092.-07-02.1) Restricted Agricultural (RA) to Residential Multiple Use (RM).

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters, Councilor Kriesel

PART II – Short Environmental Assessment Form

Councilor Bollinger made a motion, seconded by Councilor Green issue a negative declaration for SEQR purposes in the matter of the proposed Local Law for a Zone Change going from RA to RM based on the reasons set forth in the Resolution drafted by the Attorney for the Town.

Naves: 0 All in Favor. Motion Carries.

9

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters, Councilor Kriesel

Nays: 0 All in Favor. Motion Carries.

Councilor Bollinger made a motion, seconded by Councilor Green, to open the public hearing at 8:37 PM in the matter of proposed Local Law for a change of Zone from Restricted Agriculture (RA) to Residential Multiple Use (RM) for the property located at 112 South Burdick St., Fayetteville NY

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters, Councilor Kriesel

Nays: 0 All in Favor. Motion Carries.

Town Clerk Weber stated the town did send out notification to all properties within 1000 feet and no comments came in.

Attorney Frateschi stated the OCPB stated there in no county wide impact. Attorney Frateschi stated the Town of Manlius Planning Board gave a positive recommendation on the zone change. Attorney Frateschi stated The Town Planning Board requested a site plan to include an existing structure survey with the driveway and lighting to be filed with the planning Board in case there are changes in the future.

With there being no further comments from the public, Councilor Bollinger made a motion, seconded by Councilor Green, to close the public hearing at 8:40 PM in the matter of the proposed Local Law for a change of Zone from Restricted Agriculture (RA) to Residential Multiple Use (RM) for the property located at 112 South Burdick St., Fayetteville NY.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters, Councilor Kriesel

Nays: 0 All in Favor. Motion Carries.

Councilor Bollinger made a motion, seconded by Councilor Green, to adopt the proposed Local Law for a change of Zone from Restricted Agriculture (RA) to Residential Multiple Use (RM) for the property located at 112 South Burdick St., Fayetteville NY (tax map # 092.-07-02.1) and to authorize the Supervisor to remove the restrictive covenant that is on the property as set forth in the Resolution drafted by the Attorney for the Town.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters, Councilor Kriesel

Nays: 0 All in Favor. Motion Carries.

8. Update – Zone Change Request – TH Kinsella (CA) Commercial District) and RA (Restricted Agricultural) to NRRD (Natural Resource Removal District)

Councilor Denton thanked the many residents that have presented their concerns about the proposed zone change. Councilor Denton stated that the Town Board has sent a list of questions to

the applicant after their presentation on March 24th. These questions should be answered before the SEQRA process can even begin.

Councilor Denton stated the town needs to develop a Comprehensive Land Use Plan before considering a Natural Resource Removal District (NRRD) where the land would be dramatically changed.

Supervisor Theobald stated he believes the applicant has the right to go through the process that is currently in place without waiting for the completion of the Comprehensive Land Use Plan.

Discussion ensued regarding the timeline for the proposed NRRD application and Comprehensive Land Use Plan.

The Town Board tabled the previously discussed information meeting until further notice.

9. Highway Superintendent

Hale Rd. TE-9 Appeal

Superintendent Cushing stated that the New York State Department of Transportation (NYSDOT) has decided that the speed limit should be lowered to 45mph on Hale Rd, between E. Seneca Turnpike and Palmer Rd. Superintendent Cushing is asking the town to submit an appeal to the NYSDOT to reduce the speed limit to 35mph as requested by the homeowners on Hale Rd.

Annual Road Paint Purchase – OGS NYS Bid Award # 23056 Paint & Spheres

Highway Superintendent Cushing stated that the road paint purchased through state contract will include white paint, yellow paint and glass spheres that brighten the paint at night.

Councilor Bollinger made a motion, seconded by Councilor Waters, to approve the purchase of 24, barrels of white road paint and 22 barrels of yellow paint from Sherwin Williams through the state contract for a total of \$ 25,330.20.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters, Councilor Kriesel

Nayes: 0

All in Favor.

Motion Carries.

Councilor Bollinger made a motion, seconded by Councilor Waters, to approve the purchase of 9 totes of glass spheres from Potter's through the state contract, which are used to luminate the road paint for a total of \$4,140.00.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters, Councilor Kriesel

Nayes: 0

All in Favor.

Motion Carries.

Fire Protection – Sprinkler System Testing Contract

Superintendent Cushing stated requested the Town Board approve the 2-year contract for the quarterly testing of the highway garage sprinkler system with Davis Elmer at a rate of \$920.00.

Councilor Bollinger made a motion, seconded by Councilor Green, to approve a two-year contract with Davis Elmer at a rate of \$920.00 to be billed quarterly.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters, Councilor Kriesel

Nays: 0

All in Favor.

Motion Carries.

10. Planning & Development

Randy Capriotti, Director of Codes gave the following update:

1. Plan reviews and inspection are increasing.
2. An increased number of applications are being submitted to the Zoning Board of Appeals.
3. The Dentist office on N Burdick St. had issues with the foundation which were addressed and they are back on track.
4. The water issue at Academy Place Apartments is being addressed as well as some fire code violations.

Zoning Code Update – Chickens in the R-2 Zoning Classification

Councilor Denton stated that after reviewing the Town Code it does allow for chickens in the Residential 2 (R-2) Zoning Classification which is the Homewood neighborhood.

11. Attorney

Abundant Solar Lease – Town of Manlius – Subject to Permissive Referendum

Town Attorney Frateschi stated that the Town Board approved a lease to Abundant Solar to lease land on the landfill and was fully executed in January 2021. Attorney Frateschi stated that after further review it has been found that the lease requires notice be submitted to the newspaper.

Attorney Frateschi stated that he has prepared a notice and resolution. Attorney Frateschi stated that the lease is subject to a Permissive Referendum which means with enough signatures gathered within the next thirty days the issue would go before the voters.

Councilor Kriesel made a motion, seconded by Councilor Denton to file the notice of the Abundant Solar lease as outlined in the resolution prepared by the Attorney for the Town.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters, Councilor Kriesel

Nays: 0

All in Favor.

Motion Carries.

Letter of Support Request – Kirkville Road Solar – PILOT Agreement

Attorney Frateschi asked if the Board is in favor of sending a letter of support to the Onondaga County Industrial Development Agency (OCIDA) supporting a twenty-five-year PILOT agreement for the Kirkville Rd. Solar Project located at 7390 Kirkville Rd.

Mr. Vollmer, Project Developer for Renewable Properties, stated that the project would mirror the prior approved Taft Rd. solar which was a twenty-year project. Mr. Vollmer stated that he was advised by Nancy Lowery at OCIDA to bring his proposal to the Town of Manlius and East Syracuse School District.

The Town Board discussed the matter and requested more time to do additional research.

12. Town Clerk

Town Clerk Weber reviewed a fireworks permit application submitted by the Traditions at the Links for a display to be held on May 22, 2021. Town Clerk Weber stated that the application has been reviewed and approved by the Office of Planning and Development.

Councilor Green made a motion, seconded by Councilor Deer to authorize the Town Clerk to issue a firework permit to Traditions at the Links for a firework display on May 22, 2021.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters, Councilor Kriesel

Nayes: 0

All in Favor.

Motion Carries.

13. Police Chief

Chief Crowell presented a contract with Robert Winter to manage the property room at the Town of Manlius Police Department.

Councilor Green made a motion, seconded by Councilor Denton to have the Supervisor sign a contract with Robert Winter for the proposed of managing the property room at thirty dollars an hour for up to 20 hours a week.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters, Councilor Kriesel

Nayes: 0

All in Favor.

Motion Carries.

14. Town Manager

Town Manager Oot presented the bid results for the Drainage District #1 Innsbruck Road drainage project and the Drainage District #3 Sabre Lane drainage project. Town Manager Oot stated that the bid results have been reviewed by Miller Engineers and the Highway Superintendent.

Councilor Bollinger made a motion seconded by Councilor Waters, to award the Drainage District # 1 Innsbruck Rd. bid to Joseph J Lane Construction at the total bid amount of \$208,888.00.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters, Councilor Kriesel

Nayes: 0

All in Favor.

Motion Carries.

Councilor Bollinger made a motion seconded by Councilor Green, to award the Drainage District # 3 Sabre Lane drainage basin bid to Joseph J Lane Construction at the total bid amount of \$47,888.00.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters, Councilor Kriesel

Nayes: 0

All in Favor.

Motion Carries.

Town Manage Oot stated the Annual Financial Report (AUD) has been filed by the CPA and will be posted on the town website.

Town Manager Oot stated the town has submitted a reimbursement to FEMA for the towns COVID expenses in the amount of about \$20,000.

15. Committee Reports

Deer Management Committee Update

Councilor Green reported that the Deer Management Program this year was very successful and thanked the Village of Fayetteville for their role in the program.

Sustainable Manlius

Councilor Kriesel stated that there will be a final Earth Month presentation “Get Pumped with Heat Pumps” on April 28th at 7:00 PM.

Communications Committee

Councilor Deer stated that the communications committee has continued to meet and has created an internal communications calendar.

Councilor Deer reported that the website redesign process that is a part of the contract with Civic Plus is beginning.

Tree Commission

Councilor Waters stated that Arbor Day and will be recognized in two ways this year. A tree presentation to a local veteran who has turned 100 and a formal announcement of the Town of Manlius Tree City USA Designation.

16. Supervisor

Councilor Bollinger made a motion, seconded by Councilor Green, to accept the Supervisor’s monthly report for March 2021 as presented.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters

Nayes: 0

All in Favor.

Motion Carries.

17. Adjournment

There being no further business to come before the Board, upon motion duly made by Councilor Green and seconded by Councilor Kriesel the Board voted unanimously to adjourn regular session at 10:13 PM.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters, Councilor Kriesel

Nayes: 0

All in Favor.

Motion Carries.

Respectfully Submitted by:

Allison A. Weber
Town Clerk

MINUTES
TOWN BOARD
May 12, 2021

The Town of Manlius Town Board assembled at the Town Hall, 301 Brooklea Drive, Fayetteville, New York, with Supervisor Edmond Theobald presiding and the following Board members present:

Karen Green, Councilor
Sara Bollinger, Councilor
Elaine Denton, Councilor
John Deer, Councilor
Heather Waters, Councilor

Absent Katelyn M. Kriesel, Councilor

1. Supervisor Theobald introduced the Town Board Members and Town Officers that were in attendance.

Tim Frateschi, Attorney for the Town
Mike Crowell, Police Chief
Doug Miller, Town Engineer

Allison A. Weber, Town Clerk
Rob Cushing, Highway Superintendent
Ann Oot, Town Manager

Virtual Meeting Attendees: Jillian McGuire, David & Louis Muraco, Ales Behm, Maggie N, Joe Messineo, Andrew Bushnell, Deborah Tooker, Roni Morganstern, Faith Binder, Taylor Bottar, Olivia Hicklen, Ken Knutsen, Rich Andino, Grete Day, Judith Poltenson, Stuart Ben, Michelle Romano, Lesley Pease, John Bartolotti, Terry Andrianos, Jim Romano, Mat Zlomek, Deb Kuntz, Warren Linhart, Arnold Poltenson, Eric Wiehenstroer, Fred & Vicki Keeney, Joe Dodd, Susan Button, Erin T, Mark, Prerna Deer, Nicole Potocki, Donna Edgar, Andrea Belton, Nancy PC, Cindy, Dave Scamehorn, David Lockrow, Jamie Freemansaks, Shauna Teelin, John Penizotto.

2. The Pledge of Allegiance

Supervisor Theobald, called the meeting to order at 6:30 pm. Councilor Waters led the Pledge of Allegiance. Supervisor Theobald welcomed everyone and thanked all for attending.

3. Open Podium

Jillian McGuire, Fremont Neighborhood, stated that she would like to see space for walkers, runners, and bikers on Bowman Rd. and on N. Burdick St. from Bowman Rd. to the Canal entrance on the bridge. Ms. McGuire stated that this could be as simple as an extension of the shoulder of the road or a bike lane to ensure the safety of pedestrians.

After a brief discussion with Highway Superintendent Cushing, Supervisor Theobald stated that the Town will research the history of the road and look at the potential cost.

Councilor Waters encouraged Ms. McGuire and her neighbors to participate in the Comprehensive Plan Survey for the Town.

3. Approval of Minutes – April 14, 2021

Councilor Green made a motion, seconded by Councilor Denton, to approve the minutes of April 14, 2021 as submitted by Town Clerk Weber.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters

Nays: 0

All in Favor.

Motion Carries.

4. Approval of Abstract # 9

Councilor Bollinger made a motion, seconded by Councilor Green, to approve Abstract # 9 as submitted by Town Clerk Weber.

TOWN OF MANLIUS		
Fund Summary		
Abstract # 9 - 2021		
CODE	FUND	TOTALS
A	General Fund Townwide	\$76,900.87
B	General Fund Town	\$11,897.96
CM1	Police Trust	\$1,436.00
DA	Highway Fund Townwide	\$13,752.15
DB	Highway Fund Town	\$19,442.30
SD1	Consolidated Drainage # 1	\$1,074.00
SD2	Consolidated Drainage #2	\$1,074.00
SD3	Consolidated Drainage # 3	\$179.00
SL1	Overhead Lighting	\$1,500.81
SL2	Underground Lighting	\$2,193.74
SL3	Entry Lighting	\$97.32
SL4	Garden Park Lighting	\$619.00
SL5	Ratnaur Bridge Lighting	\$2,491.39
SR1	Manlius Trash District	\$112,500.67
SR2	Manlius Res Brush District	\$12,534.33
SS1	Manlius Con Sewer District	\$18.06
TA2	Trust & Agency - Other	\$4,312.00

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters

Nays: 0

All in Favor.

Motion Carries.

5. Continuation of Public Hearing – Skyridge Water District Improvements

Councilor Waters made a motion, seconded by Councilor Denton, to re-open the public hearing at 6:46 PM in the matter of the proposed Skyridge Water District Improvements.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters

Nays: 0

All in Favor.

Motion Carries.

Town Clerk Weber stated that a Q&A document has been posted to the agenda that answers the questions that were submitted during the last public hearing.

David & Louis Muraco stated that they own 57 acres on the corner of MacClenthen and Salt Springs Rd. and 14 acres across the street on Salt Springs. David Muraco stated that he is in favor of the water project and he has had problems with his well.

Alex Behm, Executive Director at Clear Path for Veterans, stated that they are in favor of the proposed joint water district project. Mr. Behm stated that they would like to expand their infrastructure and because of the well access on the property they are not able to expand. Alex explained that just last week they had a problem with the well and had to shut down the facility for a day and a half.

Maggie (Name as registered in Zoom) asked the Board if the Salt Springs Water District is not passed, will the Skyridge Water still get the improvements they need. Supervisor Theobald stated if the Salt Springs Water District does not pass, the Skyridge Water District would have to fund any maintenance or upgrades on their own. Maggie stated her main concern regarding the water districts is that it will bring more homes and commercial building such as Clear Path and the Golf Course.

Joe Messineo asked why the Horseshoe Lane residents have not prepared financially for the repair or replacement of their system. Mr. Messineo asked why the Town is pressing that expense on the people on Salt Springs Rd.

Supervisor Theobald discussed funding for the Skyridge Water District and the process to obtain that funding.

Mr. Messineo stated that what he is hearing is that the Skyridge District did not plan for the care of the system and did nothing. Supervisor Theobald stated that the residents have increased their contributions to their district when needed.

Town Clerk Weber read written questions from attending residents.

Andrew Bushnell asked if the Board could delineate which lots are included in each of the three water districts. Supervisor Theobald stated there is a map provided on the agenda on the Town website and also on the Barton & Loguidice website.

Deborah Tooker stated that Horseshoe Lane (Skyridge) has a reserve but not enough for a new system.

Roni Morganstern stated that Horseshoe Lane residents have been talking to the Town of Manlius for years and have been paying for water and potential improvements.

Faith Binder stated that Skyridge has been working with the Town for years, but the Town did not explore the possibility until Clear Path and the Town of Sullivan required water.

Councilor Waters made a motion, seconded by Councilor Denton, to close the public hearing at 7:12 PM in the matter of the proposed Skyridge Water District Improvements.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters

Nayes: 0

All in Favor.

Motion Carries.

Councilor Waters stated that Mr. Knutsen has indicated at prior meetings that currently infrastructure funding is at its ripest moment and timing is important.

Joe Messineo, Manlius, asked the Board to let people know what the response from Congressman Katko's office was in regard to project funding. Councilor Bollinger stated the Congressman Katko did not select this project for federal funding.

Councilor Deer read a comment submitted by Joe Dodd. Mr. Dodd asked how many homes are proposed or how many could be served? Councilor Bollinger stated that the area does not have public sewer and it would not be possible to place that many homes using septic systems.

Taylor Bottar from Barton & Loguidice reviewed part one of the SEQR EAF which was started in April. Mr. Bottar stated that after waiting the required thirty days for any objection for the lead agency intent they are ready to proceed with Part II and III of the SEQR review.

Attorney Andino reviewed Part II and III of the environmental assessment form with the Town Board. After review of Part II of the EAF, the Town Board determined that each of the environmental factors would have no to small impact. After further discussion, the Board agreed that there would be no significant environmental impact from the action taken tonight based on the reasons set forth in the SEQR Resolution drafted by Barton & Loguidice and proposed to issue a negative declaration under the State Environmental Quality Review Act.

Councilor Bollinger made a motion, seconded by Councilor Waters, to issue a negative declaration under the State Environmental Quality Review Act as set forth in the SEQRA Resolution.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters

Nayes: 0

All in Favor.

Motion Carries.

Councilor Bollinger made a motion, seconded by Councilor Waters, to adopt the Public Interest Order 202-b of the Skyridge Water District.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters

Nayes: 0

All in Favor.

Motion Carries.

Discussion ensued about the project moving forward and the petition process that will be used.

6. Highway Superintendent

Highway Superintendent Cushing stated the CHIPS funding letter should arrive next week.

7. Planning & Development – No New Business

8. Attorney Frateschi stated he has reviewed and made comments on the draft contract with MJ Engineering, and it should be completed by June 1st.

9. Town Clerk – No New Business

10. Police Chief – No New Business

11. Town Manager – No New Business

12. Committee Reports

Comprehensive Planning – Councilor Waters

Councilor Waters stated that May 15th is National Police Officer Memorial Day which is a part of National Police Week. Councilor Waters stated that all government buildings will fly their flag at half-staff on this date. Councilor Waters stated that National Police Enforcement Week honors police officers that have lost their lives in the line of duty.

Councilor Waters invited all residents to help with the Comprehensive Plan by filling out the online survey prepared by Barton & Loguidice. The survey is available on the town website through June 1st.

Sustainable Manlius – Councilor Kriesel

Councilor Denton gave a brief update on Sustainable Manlius. The committee is active and continues to meet monthly.

Planning Board – Solar Farms – Councilor Bollinger

Councilor Bollinger stated that the Planning Board is asking the Town Board for direction on how to manage the increasing number of commercial solar farm applications they are receiving. Councilor Bollinger stated the Planning Board will provide three people and they would like a couple of members of the Town Board as well as some professionals to work on this issue. The Town Board formed a small committee to review the matter.

12. Supervisor

Supervisor Theobald stated the Zoning Board of Appeals Chairman K.P. Kelly has submitted a letter of resignation dated May 5th.

Councilor Green made a motion, seconded by Councilor Waters, to accept the resignation of K.P. Kelly as Chairman of the Zoning Board of Appeals effective May 12, 2021.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters

Nayes: 0

All in Favor.

Motion Carries.

Councilor Waters made a motion, seconded by Councilor Green, to appointment Judy Salamone as Chairperson of the Zoning Board of Appeals with a term ending December 31, 2021.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters

Nayes: 0

All in Favor.

Motion Carries.

Councilor Green made a motion, seconded by Councilor Bollinger, to accept the Supervisor's monthly report for April 2021 as presented.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters

Nays: 0

All in Favor.

Motion Carries.

Councilor Waters wanted to remind all the school budget vote is Tuesday May 18th.

There being no further business to come before the Board, upon motion duly made by Councilor Denton and seconded by Councilor Deer the Board voted unanimously to adjourn regular session at 7:48PM.

Ayes: Supervisor Theobald, Councilor Green, Councilor Bollinger, Councilor Denton, Councilor Deer, Councilor Waters

Nays: 0

All in Favor.

Motion Carries.

Respectfully Submitted by:

Allison A. Weber
Town Clerk

** G/L ACCOUNT TOTALS **

YEAR	ACCOUNT	NAME	AMOUNT	-----LINE ITEM-----			-----GROUP BUDGET-----		
				ANNUAL	BUDGET	OVER	ANNUAL	BUDGET	OVER
				BUDGET	AVAILABLE	BUDG	BUDGET	AVAILABLE	BUDG
2021	A00-2.690	Overpayments and Clearing	16,560.50						
	A00-5.1010.400	Town Board - Contractual	4,206.00	59,500	43,635.25		61,500	46,083.41	
	A00-5.1220.405	Supervisor - Information T	1,102.50	6,000	3,947.50		89,850	56,575.03	
	A00-5.1220.480	Supervisor - Payroll	609.75	31,700	19,870.83		89,850	57,067.78	
	A00-5.1620.405	Buildings - Information Te	12,984.67	194,500	89,666.73		270,130	125,300.32	
	A00-5.1620.421	Buildings - Phone	860.05	10,680	4,563.22		270,130	137,424.94	
	A00-5.1620.430	Buildings - Cleaning	2,051.25	17,550	7,671.67		270,130	136,233.74	
	A00-5.1640.410	Central Garage - Gasoline	4,240.28	70,000	34,367.13		73,000	32,316.65	
	A00-5.1910.400	Unallocated Insurance	4,730.00	212,740	7,796.00-	Y	212,740	7,796.00-	Y
	A00-5.9045.800	Life Insurance	451.56	5,100	2,604.97		5,100	2,604.97	
	A00-5.9061.800	Health Insurance Opt-Out	1,050.00	30,000	19,027.00		30,000	19,027.00	
	B00-5.3620.421	P & D - Phone	95.00	2,840	1,610.93		109,070	88,994.09	
		** 2021 YEAR TOTALS	48,941.56						

** G/L ACCOUNT TOTALS **

YEAR	ACCOUNT	NAME	AMOUNT	-----LINE ITEM-----			-----GROUP BUDGET-----		
				ANNUAL BUDGET	BUDGET AVAILABLE BUDG	OVER	ANNUAL BUDGET	BUDGET AVAILABLE BUDG	OVER
2021-2022	A00-1.380	Accounts Receivable	140.00						
	A00-2.700	Rec Dept Clearing Acct	15,634.66						
	A00-5.1010.402	Town Board - Seminar/Confe	76.84	2,000	2,448.16		61,500	50,289.41	
	A00-5.1220.401	Supervisor - Office Suppli	495.96	3,000	1,941.95		89,850	57,677.53	
	A00-5.1220.402	Supervisor - Seminar/Confe	33.00	2,000	1,967.00		89,850	57,677.53	
	A00-5.1620.200	Buildings - Equipment	68.10	1,500	3,571.89		1,500	3,571.89	
	A00-5.1620.405	Buildings - Information Te	358.12	194,500	102,651.40		270,130	138,284.99	
	A00-5.1640.410	Central Garage - Gasoline	125.00	70,000	38,607.41		73,000	36,556.93	
	A00-5.1640.411	Central Garage - Town Veh	1,399.77	2,500	2,520.51-	Y	73,000	36,556.93	
	A00-5.3120.400	Police - Contractual	769.37	49,065	19,123.06		542,663	508,368.97	
	A00-5.3120.401	Police - Office Supplies	165.36	12,785	9,147.34		542,663	508,368.97	
	A00-5.3120.412	Police - Vehicle Repair	1,109.20	94,541	127,156.75		542,663	508,368.97	
	A00-5.3120.421	Police - Phone	1,277.38	30,600	22,290.55		542,663	508,368.97	
	A00-5.3120.448	Police - Uniforms & Cleani	367.43	47,974	33,400.47		542,663	508,368.97	
	A00-5.3120.464	Police - Protection Gear	415.40	28,371	29,317.49		542,663	508,368.97	
	A00-5.5132.400	Garage - Miscellaneous	111.10	1,250	822.22		68,264	37,720.56	
	A00-5.5132.425	Garage - Garage/Bldg Maint	1,052.15	16,000	12,824.57		68,264	37,720.56	
	A00-5.5132.431	Garage - Landscaping	66.00	150	84.00		68,264	37,720.56	
	A00-5.7310.402	Recreation -Seminars/Confe	40.00	5,200	5,160.00		82,750	76,925.07	
	B00-5.3620.400	P & D - Contractual	765.00	85,535	73,392.40		109,070	89,089.09	
	B00-5.8010.408	Zoning - Advertising	110.19	600	300.52		5,450	4,504.52	
	B00-5.8020.408	Planning - Advertising	37.91	600	278.15		21,400	10,510.81	
	CM1-5.3120.493	DWI Equipment - Contractu	781.28	0	20,070.56-	Y	0	20,070.56-	Y
	DA0-5.5130.411	Machinery - Vehicle Expens	375.34	124,589	86,277.58		191,015	142,177.22	
	DA0-5.5130.440	Machinery - Equipment Expe	1,129.52	45,044	36,391.45		191,015	142,177.22	
	DA0-5.5130.447	Machinery - Shop Supply/St	162.65	10,200	8,915.88		191,015	142,177.22	
	DA0-5.5130.473	Machinery - Shop Tools	16.71	7,000	7,093.31		191,015	142,177.22	
	DA0-5.5130.474	Machinery - Tires	603.00	4,182	3,499.00		191,015	142,177.22	
	DA0-5.5140.490	Brush & Weeds - Contractu	1,920.00	52,510	47,830.00		58,885	51,814.85	
	DA0-5.5142.421	Snow Removal - Phones/Page	112.22	1,700	1,229.00		711,498	664,638.26	
	DA0-5.5142.430	Snow Removal - Cleaning Su	407.00	5,500	4,202.09		711,498	664,638.26	
	DA0-5.5142.447	Snow Removal - Shop Suppli	11.18	37,891	36,988.08		711,498	664,638.26	
	DA0-5.5142.448	Snow Removal - Uniforms/Cl	73.36	13,656	10,112.25		711,498	664,638.26	
	DB0-5.5110.430	General Repairs - Stop Che	1,360.00	7,000	5,640.00		1,284,090	673,331.77	
	DB0-5.5110.472	General Repairs - Signs	1,393.78	12,000	11,523.63		1,284,090	673,331.77	
	DB0-5.5110.475	General Repairs - Road Rep	1,308.33	799,843	799,912.68		1,284,090	673,331.77	
	DB0-5.5110.478	General Repairs - Drainage	4,552.05	41,500	31,200.07		1,284,090	673,331.77	
**	2021-2022 YEAR TOTALS	**	38,824.36						

Town of Manlius Salt Springs Water District

Map, Plan and Report

Prepared For

Town of Manlius

301 Brooklea Drive
Fayetteville, New York



May 2021

Barton & Loguidice

Town of Manlius Salt Springs Water District
Town of Manlius, Onondaga County, New York

Map, Plan and Report

May 2021

Prepared For
Town of Manlius
301 Brooklea Drive
Manlius, New York 13066

Prepared By
Barton & Loguidice, D.P.C.
443 Electronics Parkway
Liverpool, New York 13088

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1.0 BACKGROUND

Barton & Loguidice, D.P.C. (B&L) previously completed the Town of Manlius Skyridge Water District Improvement Preliminary Engineering Report and Map & Plan (PER/M&P) dated March 2021. The PER/M&P evaluated alternative improvements and associated life-cycle costs to address the Skyridge Water District's aging community water system infrastructure. Alternative No. 2 - Skyridge/Salt Springs Joint Water Project was recommended based on the following primary reasons:

- Provides a reliable, regulated source of public water from the Onondaga County Water Authority (OCWA);
- Provides fire protection while exceeding minimum allowable residual pressures;
- Enables water system consolidation;
- Reduces both short- and long-term operation and maintenance costs;
- The Joint project structure better facilitates state and federal co-funding and grant investment which could reduce costs as indicated in the user cost analysis; and
- Affords the opportunity to extend public water service to approximately 94 residential dwellings along the proposed Salt Springs Road water main alignment within the Towns of Sullivan and Manlius that are currently served by private wells, in addition to the Clear Path for Veterans complex which straddles the Town/County boundary.

This Map, Plan, and Report outlines the proposed improvements and associated estimated capital, operation and maintenance, and water purchase costs for the proposed Town of Manlius Salt Springs Water District as part of the recommended Skyridge/Salt Springs Joint Water Project as defined in the PER/M&P. It is assumed that formation of this Water District will be progressed by the Manlius Town Board in accordance with New York State Town Law Article 12, or water district formation by petition.

2.0 PROJECT PLANNING AREA

2.1. Location

The Town of Manlius is located in the southeastern portion of Onondaga County, and fully encompasses the Villages of Fayetteville, Manlius, and Minoa. The proposed Salt Springs Water District is located near the border of the Town of Manlius and the Town of Sullivan, Madison County.

2.2. Environmental Resources Present

2.2.1. Wetlands

No wetland or surface waters within the proposed Salt Springs Water District fronting Salt Springs Road were identified through the New York State Department of Environmental Conservation (NYSDEC) Environmental Mapper; however, a small freshwater emergent wetland and freshwater pond have been identified by the National Wetland Inventory (NWI) Mapper in the area of the proposed water storage tank site on Salt Springs Road. Preliminary wetland mapping is depicted in Figure 1. A field wetland delineation will be conducted during project design to confirm the presence of mapped wetlands or streams. Any potential impacts to these features will be mitigated by avoiding the delineated area or stream, or through the use of trenchless horizontal directional drilling where feasible.

2.2.2. Agricultural Districts

Land use within the project area is generally a mix of residential, agricultural, and mining/quarry. The Onondaga County Agricultural District No. 3 and its overlay with the proposed Salt Springs Water District is shown in Figure 2. The Town recognizes that this project could potentially have adverse impacts on the agricultural lands within District No. 3, and will endeavor to mitigate potential impacts through coordination with the NYS Department of Agricultural and Markets (NYSDAM) during project development and design to ensure that impacts to agricultural lands are minimized or mitigated to the extent possible in accordance with Article 25AA of the NYS Agricultural Law. The proposed water district boundary reflects exclusion of agricultural lands, or portions thereof, for Smart Growth compliance. Further, the proposed facilities would be constructed in accordance with NYSDAM guideline entitled "Guidelines/Special Conditions for Water/Sewer Transmission Mains Located Wholly or partially in an Agricultural District", included in Appendix A.

2.2.3. Historical Sites

The project area in the Town does not include cultural resources mapped by the New York State Historic Preservation Office (SHPO). However, a Phase 1 literature survey will likely be required based on a letter received by the Town of Sullivan for a previous district formation effort in the Salt Springs Road area in Madison County; refer to

Appendix B. Coordination with applicable regulatory agencies will be sought during project design to minimize and mitigate potential impacts to environmental and historic resources.

2.2.4. Endangered/Threatened Species

The project area is within the range of three (3) federal threatened species, Eastern Massasauga Rattlesnake (*Sistrurus catenatus*), Chittenango Ovate Amber Snail (*Succinea chittenangoensis*) and American Hart's-tongue Fern (*Asplenium scolopendrium* var. *americanum*) mapped by the United States Fish and Wildlife Service (USFWS).

A habitat assessment will be conducted prior to design of facilities to check for the presence of threatened or endangered species habitats within the proposed project area. Correspondence with NYSDEC National Heritage Program will be conducted to inquire about state listed threatened or endangered species that are known to inhabit the proposed project area, in addition to the federally listed threatened or endangered species listed above.

2.2.5. Floodplain Considerations

Federal Emergency Management Agency (FEMA) Flood Zone Mapping along the project area indicates that portions of the proposed alternatives are located within areas of minimal flooding hazard. FEMA Flood Zone Mapping is depicted in Figure 3.

3.0 NEED FOR PROJECT AND EXISTING FACILITIES

The portion of Salt Springs Road generally between North Eagle Village Road in the Town of Manlius and Sleepy Hollow Road in the Town of Sullivan does not currently have public water service. Residents within the Salt Springs Road area in the Towns of Manlius and Sullivan obtain their water from private, individual groundwater wells. The Salt Springs Road area is generally known for its poor water yields from private groundwater wells, water hardness, and shallow bedrock with predominantly deeper bedrock wells in service. Community interest in public water has been raised over the years and most recently since 2015; the Town of Manlius conducted a drinking water interest survey in 2018, the report with results of this interest survey are included in Appendix C.

4.0 PROPOSED FACILITIES

The Skyridge/Salt Springs Joint Water Project would connect to existing OCWA infrastructure near the intersection of Salt Springs Road and North Eagle Village Road. A booster pump station, 8-inch transmission main, and new ground-level water storage tank would be installed to serve the proposed Salt Springs Water Districts in the Towns of Manlius and Sullivan, respectively, as well as the existing Skyridge Water District in the Town of Manlius. The 8-inch transmission main along Salt Springs Road would continue into the Town of Sullivan and connect to OCWA's existing system near the Village of Chittenango municipal boundary to "loop" OCWA's system to its eastern service areas. The "looping" transmission main along Salt Springs Road would be required to prevent water stagnation and corresponding loss of chlorine residual and reduced water quality, and would afford a service redundancy from a different pressure gradient supplied by OCWA's North Eagle Village Road storage tank.

The proposed Joint water project infrastructure is depicted in Figure 5, and generally includes the following:

- 31,000 linear feet of 8-inch DIP water main;
- Sixty-two (62) hydrants spaced no more than 500 feet apart;
- Thirty-one (31) mainline valves spaced no more than 1,000 feet apart;
- One hundred twenty-three (123) long- and short-side water service laterals extended to the highway right-of-way or easement boundary, comprised of 3/4-inch copper pipe and a curb stop and box;
- 178,000 gallon glass fused-to-steel storage tank;
- One (1) package booster pump station; and
- Three (3) mainline pressure reducing valve (PRV) pits for maintaining water pressures generally below 80 psi.

5.0 DISTRICT BOUNDARY AND EQUIVALENT DWELLING UNITS

The proposed Salt Springs Water District includes 74 properties within the Town of Manlius, Onondaga County, generally along Salt Springs Road. A Map and Plan of the boundary of the proposed Salt Springs Water District, developed through interest surveys and cost/benefit evaluations, is shown in Figure 4. A written legal description of the proposed Salt Springs Water District boundary is included in Appendix D.

5.1. Equivalent Dwelling Units EDUs

The proposed Salt Springs Water District consists of 66 equivalent dwelling units (EDUs). An EDU is defined as a typical single-family home having an average population of 2.4 persons per household according to the 2017 American Community Survey (ACS) data for the Town of Manlius. EDUs are estimated based on the tax assessment property classification and are generally defined as follows:

- One (1) EDU shall represent a typical single-family household;
- Two (2) EDUs shall represent a two-family household;
- 0.5 EDUs shall represent a residential or agricultural vacant lot;
- 0 EDUs shall represent agricultural district parcels that do not receive water service; and
- EDUs for atypical properties are assigned based on water usage equivalent whereas one (1) EDU is equivalent to 160 gallons per day with a minimum of one (1) EDU for a property receiving water service.

Refer to Appendix E for the EDU assessment of the proposed Salt Springs Water District. The EDUs for the proposed Salt Springs Water Districts and the existing Skyridge Water District are summarized in Table 5-1 below.

Table 5-1: Equivalent Dwelling Units (EDUs)

Water District	Existing/Proposed EDUs
Existing Skyridge WD	29
Proposed Salt Springs WD (Manlius)	66
Proposed Salt Springs WD (Sullivan)	31.5
Total WDs	126.5

5.2. Smart Growth

As shown on Figure 4 and described in Appendix D, the proposed Water District boundary is generally limited to 500 feet from the right-of-way boundary for large vacant parcels in an effort to meet “smart growth” requirements set forth by the potential project funding agency.

6.0 ESTIMATED WATER USAGE

The estimated water usage for the proposed Salt Springs Water District in the Town of Manlius is summarized in Table 6-1 below.

Table 6-1: Estimated Annual Water Usage

Water District	Proposed EDUs	Average Daily Demand (ADD, gallons)	Maximum Daily Demand (MDD, gallons)	Peak Hourly Demand (PHD, gallons)
Proposed Salt Springs WD	66	10,560	21,120	42,240

*Water demands are theoretical and are based on the EDU assessment of the proposed water district.

**ADD = 160 gallons per day per EDU, MDD = ADD x 2, PHD = ADD x 4.

7.0 MAXIMUM AMOUNT TO BE EXPENDED

The estimated total Joint Water Project cost is \$9,200,000. Refer to Appendix F for the detailed cost estimate.

It is anticipated that each Town would finance the project separately for their respective and proportionate “EDU equivalent share” as shown in Table 7-1. Cost sharing would be equalized through an intermunicipal agreement (IMA) wherein the debt service of one (1) EDU in the Town of Manlius would be equal to that of one (1) EDU in the Town of Sullivan.

Table 7-1: Joint Water Project EDU and Cost Overview

Service Area	Total Project Cost	Existing and Proposed EDUs	Maximum Amount to be Expended
(T) Manlius*	\$9,200,000	95	\$6,909,091
(T) Sullivan		31.5	\$2,290,909

*See Table 7-2 below.

Table 7-2 below includes a breakdown of the maximum amount to be expended by the Town of Manlius for the existing Skyridge Water District and the proposed Salt Springs Water District.

Table 7-2: Town of Manlius Water Districts Maximum Amount to be Expended

Service Area	Maximum Amount to be Expended	EDUs	Maximum Amount to be Expended
Existing Skyridge WD	\$6,909,091	29	\$2,109,091
Proposed Salt Springs WD (Manlius)		66	\$4,800,000

8.0 POTENTIAL FUNDING SOURCES

Potential “core” funding opportunities for the proposed Skyridge/Salt Springs Joint Water Project are detailed below. It is anticipated that each Town would finance the project separately for their respective “EDU equivalent share”. Cost sharing would be equalized through an intermunicipal agreement wherein the debt service of one (1) EDU in the Town of Manlius would be equal to that of one (1) EDU in the Town of Sullivan.

- *NYSDOH/NYSEFC Drinking Water State Revolving Fund (DWSRF) Program:*

The recommended joint project meets the eligibility criteria for the DWSRF program. The DWSRF program provides 30-year, market-rate, subsidized 30-year, market-rate, subsidized, or hardship financing to municipalities depending on project score and median household income as outlined in the IUP. The Town currently has Project #18534 Salt Springs Road WD listed on the “Annual List” within the Final 2020-21 DWSRF IUP with a score of 90 points and a project cost of \$4,000,000. The project currently resides above the “Expanded Subsidized Interest Rate Funding Line”, set at 80 points. It is anticipated that this project would receive subsidized rate financing¹ (i.e., 2.20% interest rate for 30-year loan) if financed through EFC in consideration of the Town of Manlius’s 2015-2019 ACS MHI of \$81,222, and by virtue of the project residing below the IUP “Hardship Evaluation” line set at 115 points.

- *NYS Water Infrastructure Improvement Act (WIIA) Grant:*

The Town of Manlius is eligible to apply for a WIIA grant through EFC, as is the Town of Sullivan under the proposed Joint Water Project. Based on the scope of the project, each Town may be eligible to receive a maximum 60% grant of their respective “EDU equivalent share” or \$3,000,000, whichever is less.

- *Dormitory Authority of the State of New York (DASNY) Grant:*

The Town of Manlius has received a preliminary notification of a potential \$2,000,000 DASNY grant that could be applied to the project.

- *USDA Rural Development WEP Funding:*

Based on past experience, the Town of Manlius will not qualify for a USDA RD WEP loan or grant since its population is in excess of 10,000. It is anticipated, however, that the Town of Sullivan may be eligible for an exemption from the USDA RD WEP population threshold. This exemption would allow the Town of Sullivan to apply for a RD grant or subsidized financing through its Water and Waste Disposal Program. Based on the Town of Sullivan’s MHI, the project could potentially qualify for a 38-year loan at market rate financing (2.125%²).

¹ Market rate financing terms will be determined by NYSEFC at the end of the project during long-term loan closing. The Subsidized Rate is 66.7% of the market rate and Hardship Rate is 0% interest rate per the NYSEFC DWSRF Intended Use Plan, October 1, 2020-September 30, 2021.

² Subject to change per market conditions at the time of application.

8.1. Project Financing Assumptions and Preliminary Plan of Finance

The preliminary plan of finance assumptions for the Skyridge/Salt Springs Joint Water Project are as follows:

- o Town of Manlius
 - § \$1,963,636 DWSRF subsidized loan (30 year, 2.20%)
 - § \$2,945,455 DWSRF WIIA grant
 - § \$2,000,000 DASNY grant
 - § \$6,909,091 Maximum amount to be Expended
- o Town of Sullivan
 - § \$915,909 RD market rate loan (38 year, 2.125%)
 - § \$1,375,000 DWSRF WIIA grant
 - § \$2,290,000 Maximum amount to be Expended

9.0 ESTIMATED USER COSTS

9.1. Debt Service and Cost to a Typical Property

Estimated debt service and annual cost to a typical property, based on the plan of finance assumptions outlined above, are summarized in Table 9-1 below and Appendix F. The “50% Rule” has been applied to reduce the initial burden and account for future growth and monetary inflation. The “50% Rule” applies 80% of the annual project cost in years 1- through 10 of the 30-year loan term, 100% for years 11 through 20, and 120% for years 21 through 30.

9.2. Estimated Annual Water Usage Charges

It is anticipated that the proposed infrastructure would be leased to OCWA for operation and maintenance. As part of OCWA’s water system, O&M costs would be shared with all OCWA users and included as part of OCWA’s standard water usage rates shown in Appendix G. Based on current OCWA 2021 rates for base fees and water consumption, the estimated annual water usage charges and miscellaneous district charges are \$391 per single-family house (one (1) EDU) as shown in Appendix G. This water usage charge is comprised of the following:

- \$146.40 base fee (assuming a 5/8-inch water meter);
- \$35.82 Hydrant Maintenance Fee per EDU³;
- \$21.43 Metropolitan Water Board Fee per EDU⁴;
- Cost of water use for daily demand (assuming an average usage rate of 160 gallons per EDU).

³ OCWA's Hydrant Maintenance Fees cover the cost of routine maintenance and future replacement of the hydrants. The fee per Hydrant for 2021 is \$73.04 per hydrant and divided by the amount of EDUs, and is billed to the District annually. The County is responsible for charging the fee to the individual homeowners within the Water District.

⁴ OCWA Metropolitan Water Board charges are billed directly to the Town; the Town will be responsible for charging this fee to the individual homeowners within the Water District. Typical Charges are \$10 per \$100,000 of assessed value.

Table 9-1: Estimated User Cost for (T) Manlius – (T) Sullivan Skyridge/Salt Springs Joint Water Project

Description	Joint Project – Manlius	Joint Project – Sullivan
Total Estimated Capital Project Cost (2023 Dollars)	\$9,200,000	
EDU Equivalent Amount	\$6,909,091	\$2,290,909
Assumed Grant Funding (DASNY)	\$2,000,000	N/A
Subtotal	\$4,909,091	\$2,290,909
Additional Targeted Grant (EFC WIIA, 60% of subtotal)	\$2,945,455	\$1,375,000
Total Estimated Capital Project Cost	\$2,879,545	
Annualized Project Cost (50% Rule)	\$101,538	
Number of EDUs	126.5	
Capital Debt per EDU (50% Rule)	\$803	
Estimated Annual OCWA Water Bill**	\$391	
Total Estimated Cost to a Typical Property	\$1,194	

*Assumes DWSRF subsidized rate financing (2.20%, 30 years) for the Town of Manlius and Rural Development market rate financing (2.125%, 38 years) for the Town of Sullivan.

**Based on OCWA Rate Schedule 2 (service area in Onondaga County).

9.3. Estimated One-Time Connection Cost

Salt Springs Water District residents will be responsible for installing service laterals from the curb valve at the roadway right-of-way boundary to their dwelling, or to existing water service piping from their well to the dwelling. This work is typically performed by a private contractor or plumber hired by the homeowner. Connection to the water main, service lateral installation to the highway right-of-way line, and curb valve with valve box are included in the recommended project cost estimate. Where feasible, the new water service and curb may be placed in close proximity to existing private wells if located in front yards, allowing a resident to connect to their existing water service pipe near the well versus installing a new buried service all the way to the dwelling.

Each customer would be responsible for a one-time OCWA fee of approximately \$214 to furnish and install the OCWA owned water meter. Additional costs that may be incurred by a homeowner for meter pit installations (properties where the meter would be installed more than 150-feet from the right-of-way or curb stop) and interior pressure reducing valve (PRV) on all service connections having 85 psi static pressure or greater. Estimated aforementioned one-time connection costs are summarized below.

Existing Skyridge Water District properties would not incur one-time connection costs given the capital improvement project would reconnect to existing services at the roadway right-of-way boundary. Meter pits may be required if the existing services are not copper, in accordance with OCWA requirements.

- \$214 OCWA 5/8-inch Meter Installation Fee
- \$100 Pressure Reducing Valve (if necessary, furnish only)
- \$1,000 base fee + \$25 per linear foot Service Lateral Installation (3/4-inch)
 - o Cost per linear foot will vary depending on subsurface conditions
- \$1,000 Meter Pit Installation (if necessary, furnish & install)

Assuming a meter pit or pressure reducing valve is not required for a typical property per OCWA requirements and based on an average service lateral length of approximately 60 linear feet beyond the highway R.O.W., the estimated one-time water service connection cost to the typical property will be approximately \$2,700. This cost will vary from dwelling to dwelling based on surface restoration needs, subsurface conditions such as shallow bedrock, distance to the house, presence of a front-yard well and service, etc.

10.0 RECOMMENDED STEPS TO PROCEED

It is recommended that the Town of Manlius proceed in accordance with New York State (NYS) Town Law Article 12, generally to include the following:

- Town Board accepts this Map, Plan and Report at a regular Town Board Meeting
- District Formation of the proposed Salt Springs Water Districts in the Town of Manlius and the Town of Sullivan in accordance with NYS Town Law Article 12
 - o Prepare several petition packages, including a copy of this MPR, for circulation by district area volunteers or for posting at designated locations (i.e. Town Office, district area businesses, etc.)
 - o Secure and certify Petition signatures of at least 51% of the total assessed value for the proposed Water District
 - o Public Hearing
 - o Town Board Resolution to Form Water District

Additional steps to proceed that will be required as part of the Skyridge/Salt Springs Joint Water Project generally include:

- Salt Springs Water District Bond Resolutions
- Inter-Municipal Agreement (IMA) with the Town of Manlius and the Town of Sullivan on behalf of the existing Skyridge Water District and proposed Salt Springs Water Districts
- Full Application for DWSRF
- WIIA and DASNY Grant Applications
- Engineering Design and Regulatory Approvals
- Bidding
- Construction

Figures

Figure 1
NYSDEC and NWI Wetlands Map

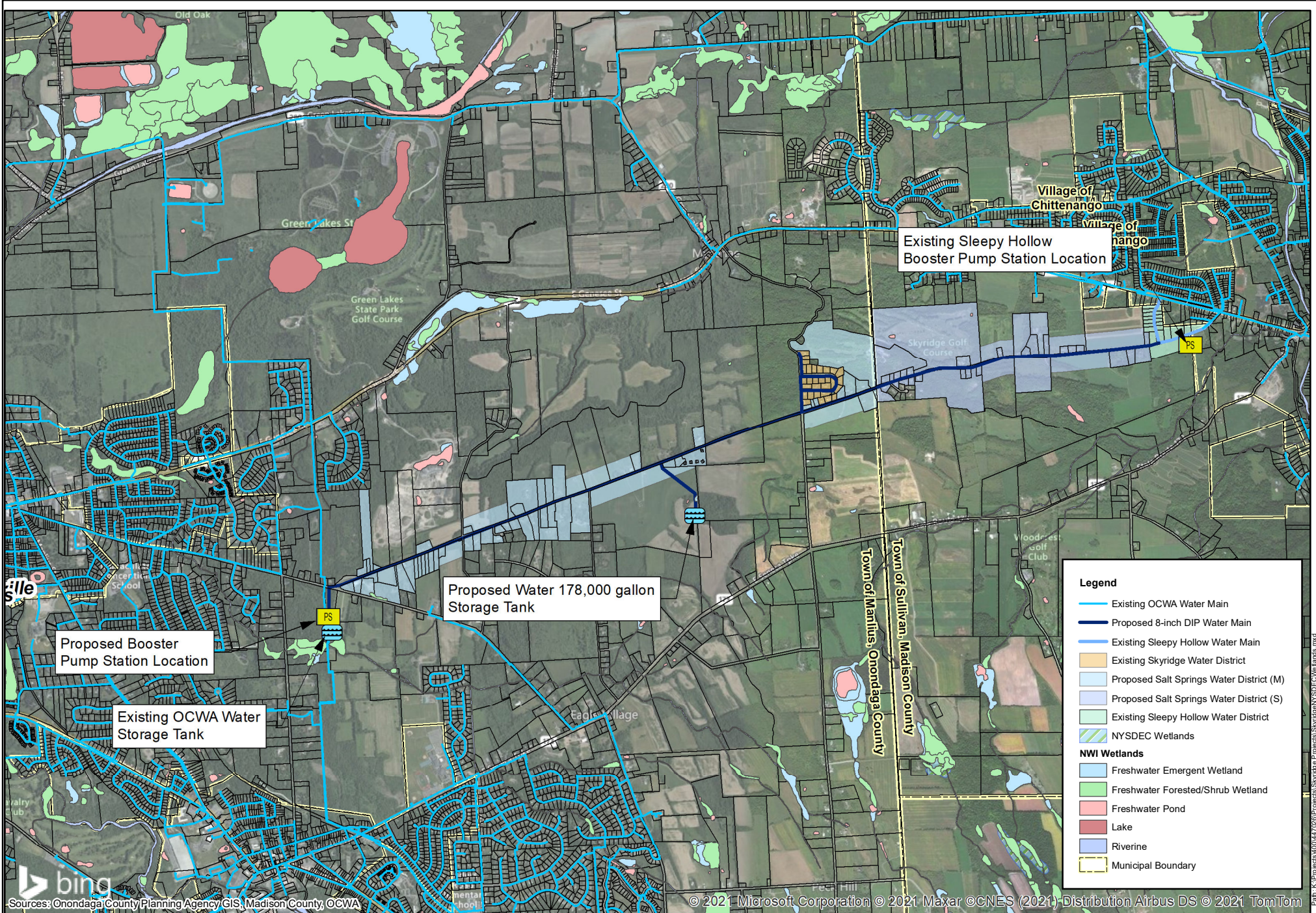


Figure 2
Agricultural Districts Map

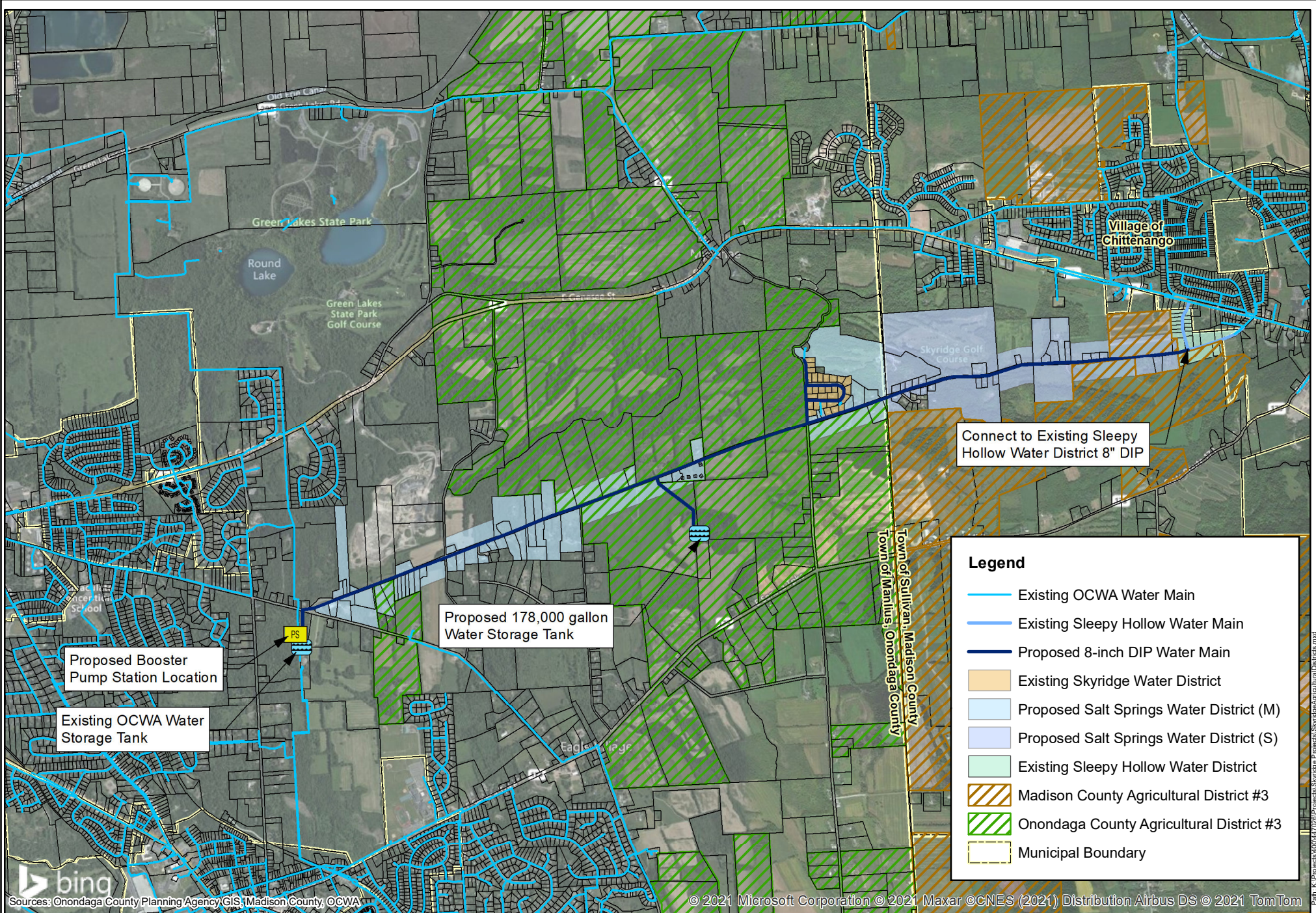


Figure 3
FEMA Flood Zone Map

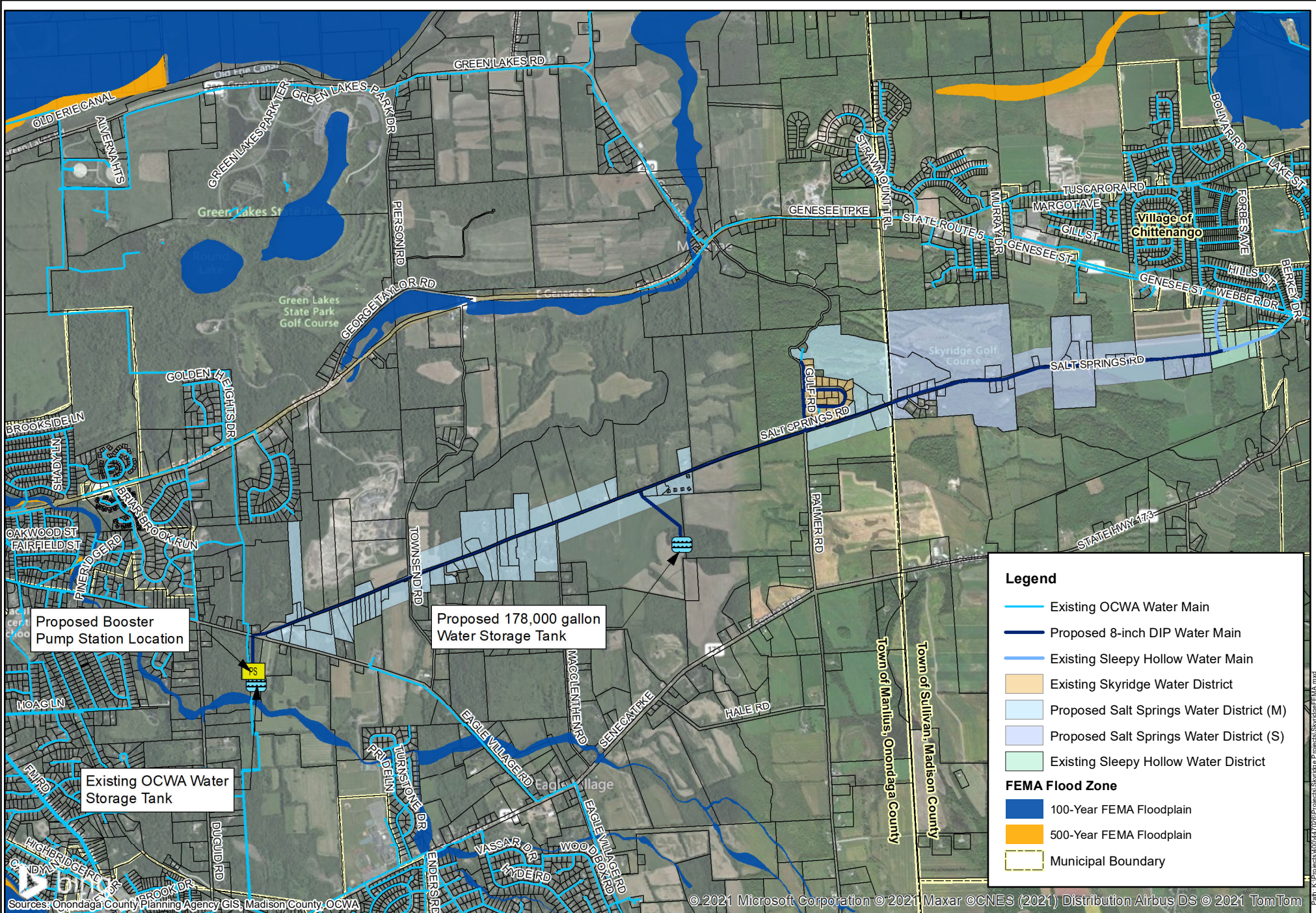


Figure 4
Proposed Salt Springs Road Water District Boundary

Figure 5

Proposed Infrastructure: Skyridge/Salt Springs Joint Water Project

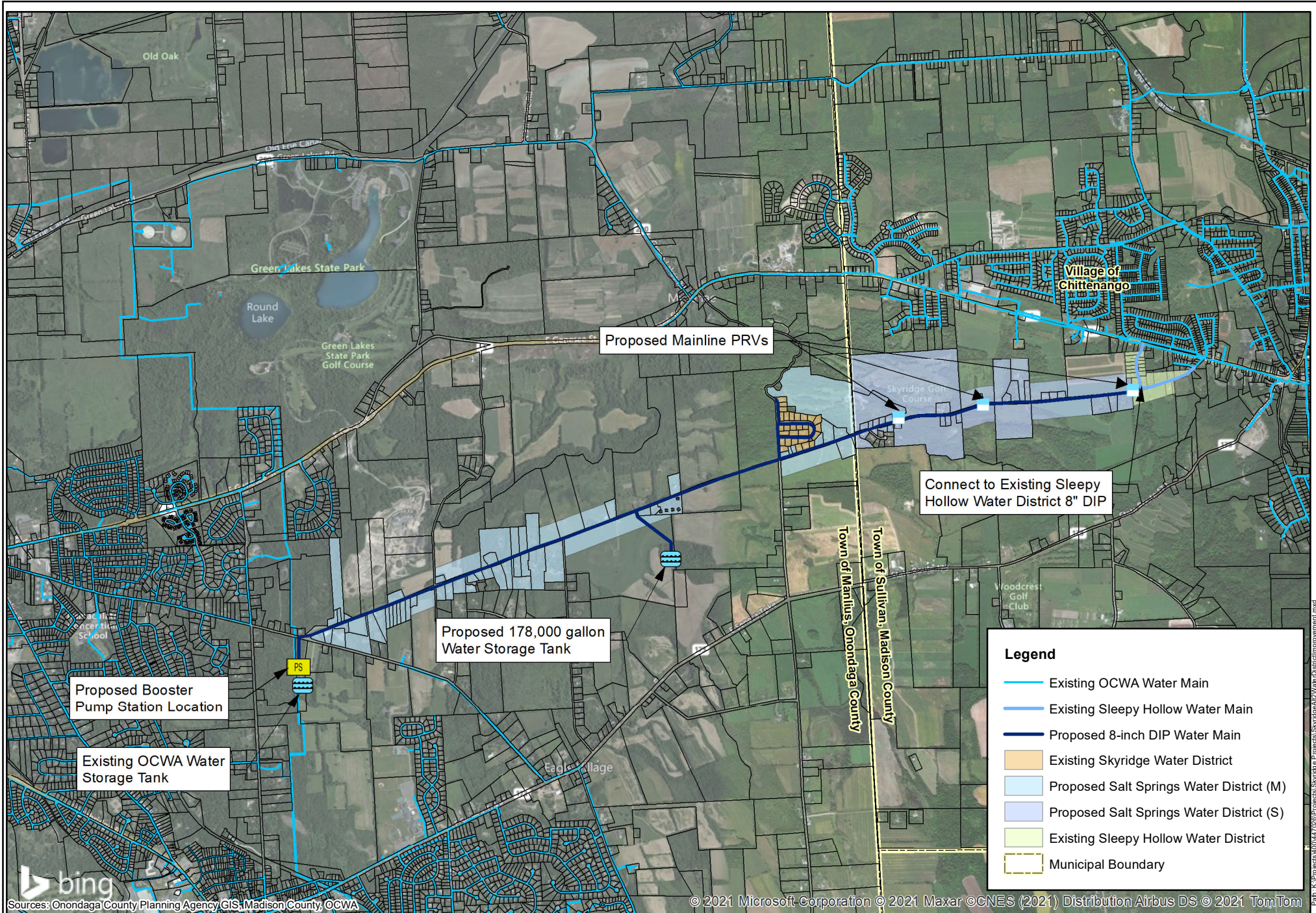
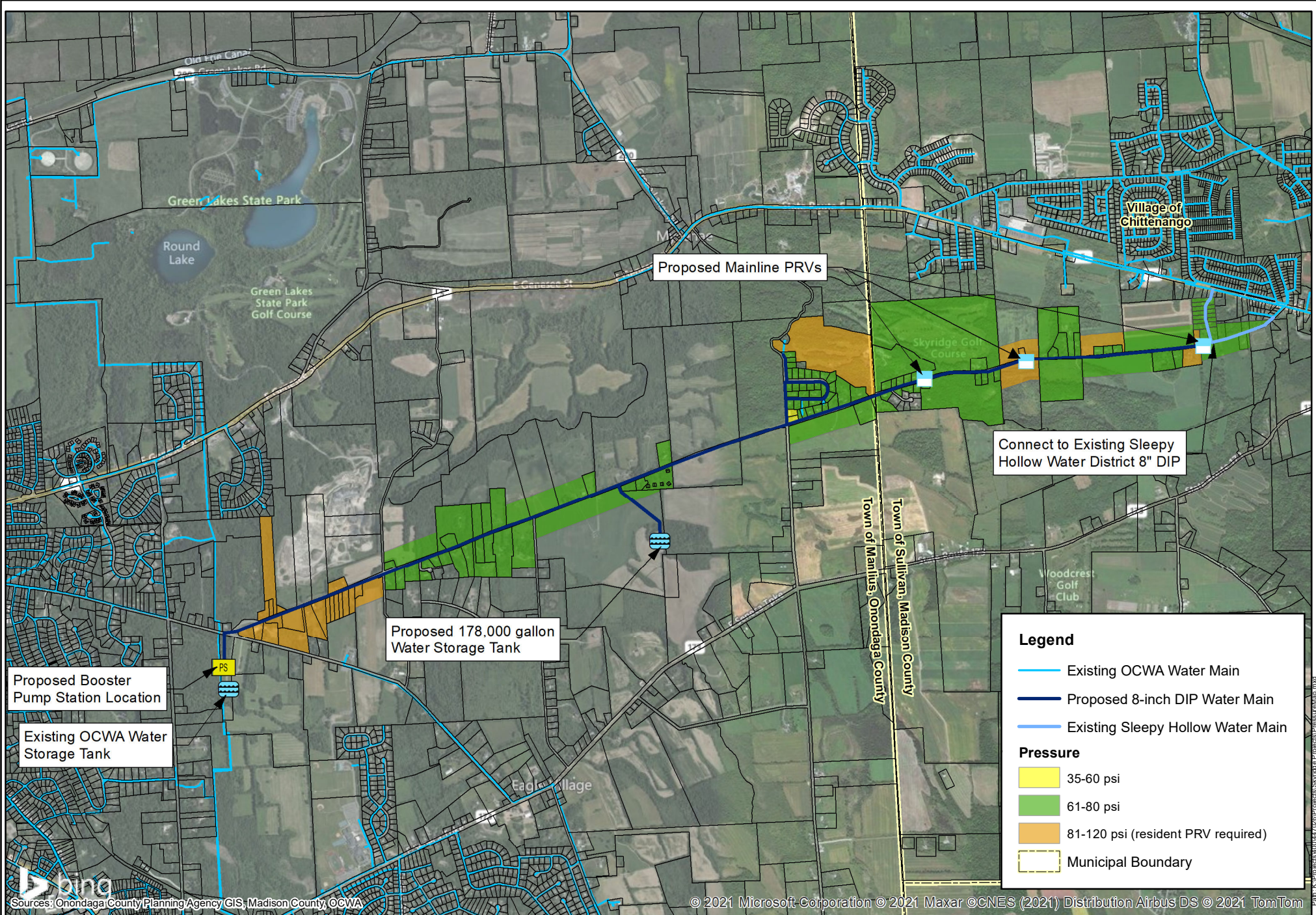


Figure 6
Skyridge/Salt Springs Joint Water Project Pressure Map



Appendices

Appendix A
NYSDAM Transmission Main Guidelines

Minimum Construction Standards for Water/Sewer Transmission Mains Located Wholly or Partially in an Agricultural District

FOR PIPELINES OF EIGHT INCHES OR GREATER OUTER - DIAMETER

The following standards apply to those portions of water/sewer transmission mains measuring eight (8) inches or more in outer-diameter, which are proposed for construction on agricultural land. The standards focus on measures that minimize or mitigate the impacts on farmland from such pipeline trenching/construction. The standards cover practical agricultural issues including: pipeline depth-of-cover, topsoil protection, waste stone/rock materials, soil rutting and compaction, existing and future farm drainage and other farm related facilities.

Pipeline Depth-of-Cover

Pipeline depth within the soil profile is important from the farming standpoint due to the permanence of a pipe's position in the soil profile. Inappropriate depth of a water/sewer line will diminish current and future farm operators' capacities to administer the scope of land-fitting practices required to meet specialized cropping needs. Such practices can range from deep tillage to the installation of subsurface tile drain lines.

From the pipeline operator's standpoint, appropriate depth-of-cover is essential for protection against puncture from surface disturbance and against bursting due to frost penetration and freeze up. A common minimum depth-of-cover employed in water/sewer pipelines is 4.5 feet.

Standard: In agricultural land, the minimum depth-of-cover from restored ground surface to top of the buried pipe will be 4.0 feet. (See "Existing and Future Farm Drainage" regarding depth adjustment.)

Topsoil Resource Protection

The topsoil layer of the soil profile is the fertile material needed for sustained crop productivity. Pipeline construction of this size range is generally ongoing through completion, regardless of soil moisture conditions, and can permanently alter the soil profile throughout the construction right-of-way.

The farm soils throughout New York State have only limited ability to recover from the concentrated disturbances of pipeline right-of-way construction activity, due to

a thin topsoil layer, humid climate and correspondingly excessive soil moisture for most of the year. Farm soils must be protected against degradation through the exercise of soil protection standards.

Standard: The full-width topsoil stripping practice should be employed over the construction right-of-way:

The topsoil ("A" horizon) should be stripped down to the top of the subsoil zone for the contiguous width of the construction work/traffic area, trench zone and trench spoil storage area.

The stripped topsoil should be segregated from all other materials in a segregated stockpile on top of unstripped topsoil at the far edge of the construction right-of-way on the side opposite from the trench and spoil side.

Trench Backfill and Waste Rock

Trench excavation for pipelines can unearth substantial quantities of stone and rock spoil from the various subsoil layers. It is important to restore the original soil profile and prevent either large rocks or concentrations of stone material used as backfill from obstructing normal farm tillage operations and disabling farm machinery. Also, if the backfilling phase is completed while there is water in the pipeline trench, long stretches of right-of-way with prolonged soil saturation conditions can occur. Such saturated soil conditions can result in significant restoration difficulties and delays.

Standard: The pipeline trench should be thoroughly dewatered prior to backfilling. The trench should be backfilled with the excavated spoil material and compacted during backfilling to minimize trench settling.

Topsoil should not be used as trench-backfill and should remain in its segregated stockpile until all deep ripping and stone removal work is completed.

On agricultural land, blasted or excavated bedrock, boulders and concentrations of excavated stone or rock materials should not be returned to the trench any closer than 24 inches from the exposed work surface of the stripped portion of right-of-way. The remainder of the backfill should be limited to suitable subsoil material, backfilled up to the top of the exposed work surface. Excess waste rock/stone materials should be removed and disposed of safely.

Deep Ripping and Stone Removal

The dense compaction of the exposed subsoil (i.e., the spoil storage area, backfilled trench and construction work and traffic area) must be alleviated together with stone removal prior to the subsequent stages of topsoil replacement and final subsoil shattering.

Standard: During periods of relatively low to moderate subsoil moisture, the exposed right-of-way shall be returned to rough grade; deep ripped with heavy duty ripper; and, alternately deep chiseled and rock-picked until uplifted stone/rock materials of four inches and larger size are cleaned off the site and disposed of properly. In subsoils with excessive stony-rocky material in the upper layer, an alternate ripping/stone removal plan should be developed and submitted to the Department of Agriculture and Markets for review in advance of project construction.

Topsoil Replacement and Subsoil Shattering

Standard: After the initial subsoil ripping, chiseling and stone removal has been completed, the segregated topsoil materials should be uniformly spread across the stripped portion of right-of-way.

Topsoil spreading should be conducted only during periods of low to moderate soil moisture to avoid rutting, mixing and recompaction of the soil profile. Topsoil spreading should not be conducted during periods of saturation or frozen ground. Alternative plans should be prepared for suspension of topsoil spreading under such conditions, and soil restoration work should not resume until appropriate moisture conditions occur during the following season.

After topsoil replacement, final subsoil shattering using a deep 4-shank paratill with narrow leg spacing should be conducted throughout the disturbed right-of-way to a depth of 18 inches. Large, uplifted rock materials should be picked from the surface and disposed of properly.

Final subsoil shattering and rock removal should be conducted only during periods of low to moderate soil moisture and not during periods of saturation or frozen ground. Final subsoil shattering and rock picking should be suspended when saturated or frozen soil conditions occur. This final phase of restoration

can be completed when appropriate moisture conditions return the following season.

Existing and Future Farm Drainage

Surface drainage ways for storm runoff and for the outletting of subsurface drain lines are afforded agricultural lands by natural creeks, swales, ditches, diversion terraces, etc. Subsurface drainage is managed through installed practices of random and pattern tile drain lines. Protection of existing surface and subsurface drainage is important for crop productivity as is the capacity to install future tile drain lines and maintain ditches.

Standard:

Existing Drainage

Surface drainage systems affected by the pipeline project should be protected and their function maintained by temporary fluming. Earthen berms of surface drainage systems (e.g. diversion terraces) should not be breached. Where breaching is unavoidable, the earthen berm should be fully restored by engineering methods and materials consistent with the specifications of the USDA Soil Conservation Service.

All severed tile drain lines should be repaired, maintaining original gradient, using methods and materials consistent with the standards of the NYS Department of Agriculture and Markets. All repairs and protective pipe sleeving or supportive channel iron should be shouldered firmly at least three feet beyond the limit of the water/sewer line excavation.

Future Drainage

During project planning and design, all operators of affected farmland should be inventoried for future locations of surface or subsurface drainage. All such locations should be noted in the design.

Depth and gradient for such future surface or subsurface drainage installation, consistent with USDA Soil Conservation Service engineering specifications, should be accommodated by appropriate engineering of the depth-of-pipeline.

Control of Water Piping, Soil Saturation and Seeps

Pipeline trench excavation in and immediately upgrade from agricultural areas can alter the natural stratification of soil horizons and natural soil drainage patterns.

Standard: The pipeline right-of-way should be monitored for at least one year following restoration for surface seeps and areas of prolonged soil saturation. Such measures as subsurface intercept drain lines should be used to prevent surface seeps and the seasonally prolonged saturation of the backfilled trench zone and adjacent areas. Intercept drain lines should be installed according to the specifications of the USDA Soil Conservation Service.

Revised: 10/16/02

Appendix B

(T) Sullivan Salt Springs SHPO Phase 1 Survey Request (2017)



Parks, Recreation and Historic Preservation

ANDREW M. CUOMO
Governor

ROSE HARVEY
Commissioner

ARCHAEOLOGY COMMENTS

Phase I Archaeological Survey Recommendation for Buried Utilities 17PR01338 – Salt Springs Road Water District

Pre-Contact Native American archaeological deposits have been reported in the area where Salt Springs Road crosses the border between Onondaga and Madison Counties, albeit the reported information does not provide a specific location(s) of the deposits. Therefore, the Office of Parks, Recreation and Historic Preservation (OPRHP) recommends that a Phase I archaeological survey is warranted along the portion of the project that is 2,000 feet east of, and 2,000 feet west of the County border, for a total linear distance of 4,000 feet straddling the county line. OPRHP offers the following additional survey recommendations.

Phase IB archaeological survey is **not** recommended for those portions of the project route that are located between the edge of pavement and the far edge of an existing excavated ditch or existing utility lines, with the exceptions of alluvial settings and portions of the project route that are within the bounds of known archaeological sites. In the latter settings, Phase IB testing may be recommended for those portions of the route that fall between the edge of pavement and the far edge of an excavated ditch. Consultation with the OPRHP is recommended, to determine if Phase IB testing is warranted. Information on alluvial soils may be obtained from USDA Soil Surveys, or USDA website.

Phase IB archaeological survey **is** recommended for all portions of the project route that do not fall between the edge of pavement and the far edge of an existing excavated ditch or existing utility lines.

The above testing protocol is acceptable to our office with the understanding that the consulting archaeologist will be supplied with a set of accurate project construction plans before proceeding with Phase IB archaeological testing. These maps should be color coded for ease of review.

Documentation - The Phase I archaeological survey report must include a concise project area description that clearly outlines the location, extent and reason for not testing portions of the project route. This information must also be included on the project map.

Please also be aware that a Section 233 permit from the New York State Education Department (SED) may be necessary before archaeological fieldwork is conducted on State-owned land. If any portion of the project includes the lands of New York State you should contact the SED before initiating survey activities. The SED contact is Michael Lucas and he can be reached at (518) 486-2015. Section 233 permits are not required for projects on private lands.

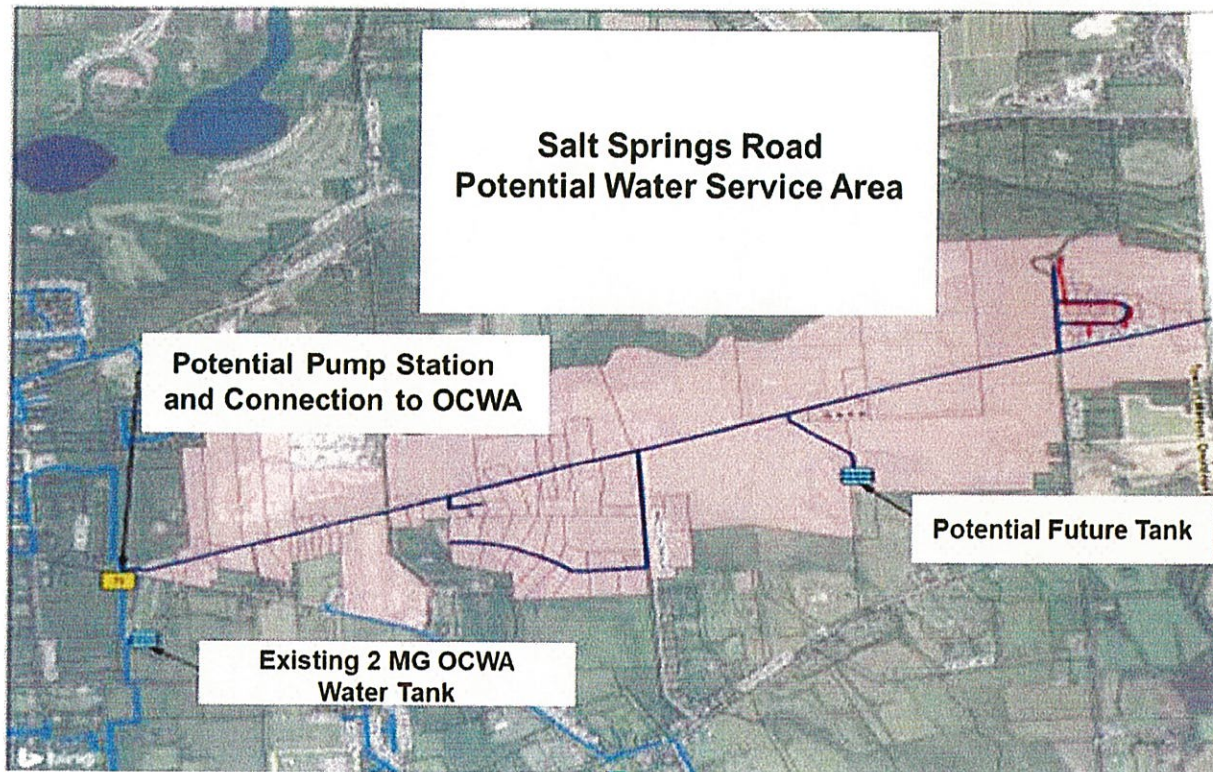
If you have any questions concerning archaeology, please contact Tim Lloyd at 518-268-2186 or Timothy.Lloyd@parks.ny.gov

Appendix C

(T) Manlius Salt Springs Water Survey Report – April 2018

Salt Springs Road Joint Water Project

Town of Manlius Drinking Water Survey Final Report



Prepared by Kristy LaManche
KL Consulting Services
3481 S Street Road
Marcellus, New York

April 2018

Introduction

The Town of Manlius and Town of Sullivan began a discussion about the Salt Springs Road Joint Water District in 2016. The project would provide a safe and reliable potable water supply and fire protection for residents of a combined water service area in the Towns of Manlius and Sullivan. It would accommodate upgrades to the Sky Ridge Water District (Manlius) and extend service into the Town of Sullivan.

Miller Engineers was hired by the Town of Manlius to prepare a feasibility report for the Town's portion of the project. The report was completed in April 2016 and included information on the potential service area, in addition to several probable cost estimate scenarios. There are an estimated 154 parcels within the Town of Manlius that are included in the project. The majority of parcels are located on Salt Springs Road, Strawberry Lane, Horseshoe Lane, MacClenthen Road, Brae Leure Road, and Gulf Road. All homes in the proposed water district are currently served by individual residential water wells, with the exception of the existing Sky Ridge District which is provided water through a public ground water well for 29 homeowners.

The project proposes a connection to an existing water main system in the Town of Manlius currently operated by the Onondaga County Water Authority (OCWA) and a shared 2-million gallon water storage tank, pump station and pressure reducing valve. The proposed system would be operated and supplied water from OCWA and will generally consist of installing approximately 27,000 linear feet of 8-inch diameter water main, valves, fire hydrants, water services and appurtenances. The total project cost is estimated to be \$6 million dollars with \$2 million in costs to be shared by the Town of Sullivan. According to Miller Engineers' calculations of the estimated first year costs and potential grant funds available, the average cost for a residential user ranges from \$900 to \$2,480 per year.

Before the Town of Manlius can apply for financial assistance from state and federal agencies to reduce the costs to residents, a water district must be formed. In January 2018, the Town of Manlius hired KL Consulting Services, through a contract with Miller Engineers, to perform a survey to assess the community's desire to have public water extended to the Salt Springs Road Joint Water Service Area. The results of the survey will help the Town determine if there is enough interest from residents to proceed with district formation and the pursuit of financial assistance. Working with representatives of the Town and Miller Engineers, KL Consulting Services prepared a cover letter and survey (Appendix A) which was mailed out to 126 property owners in mid-February. Duplicate surveys were not mailed to property owners of more than one parcel within the project area. A second mailing was sent out the last week in February to those properties that had not responded. Completed surveys were to be returned to KL Consulting Services by Friday, March 9, 2018.

KL Consulting Services tracked all survey responses and entered the information into an Excel spreadsheet. Any additional comments that were written on the survey were recorded verbatim. One survey respondent included a letter addressed to Supervisor Theobald. A copy of the letter was forwarded to the Town and a representative from Miller Engineers. The letter is included in Appendix B.

Survey Results

A total of 93 surveys were returned out of the 126 that were mailed (74%) by the March 9 deadline. Below is a summary of the questions asked and the responses received. Responses to each question were tallied for the entire project area, as well as broken out by street, so that the Town can identify common themes throughout the proposed project area and per street. Additional comments included on the surveys are presented after the results of each question

Question 1: Where do you get your water? A total of 91 out of 93 people responded to this question.

	Drilled Well	Shallow Well	Spring	Other
All responses	85 (93)	1 (1)	0	5(6)
<i>Numbers in () represent the percentage of responses for each category</i>				
Responses by Street	Drilled Well	Shallow Well	Spring	Other
Brae Leure	8	0	0	0
Eagle Village N	1	0	0	0
Gulf Road	5	0	0	0
Horseshoe Lane	14	0	0	4
MacClenthen Road	6	0	0	0
Palmer Road	1	0	0	0
Salt Springs Road	42	1	0	1
Strawberry Lane	3	0	0	0
Anonymous	5	0	0	0

Some survey respondents also added additional comments about the source of their water including the following: Drilled well - community well; Neighborhood well – aging infrastructure; Neighborhood drilled well; Community well; Community well; OCWA Horseshoe Lane; and OCWA well on Gulf Road.

Question 2: Do you drink your well water? A total of 93 out of 93 people responded to this question.

	Yes	No
All responses	76 (82)	17 (18)
<i>Numbers in () represent the percentage of responses</i>		
Responses by Street		
Brae Leure	6	2
Eagle Village N	1	0
Gulf Road	5	0
Horseshoe Lane	17	2
MacClenthen Road	6	0
Palmer Road	1	0
Salt Springs Road	33	12
Strawberry Lane	3	0
Anonymous	4	1



<https://holmeswater.com/wp-content/uploads/2013/12/cup.jpg>

Some survey respondents also added stated: Very seldom drink water; Drink water after it goes through a water softener and reverse osmosis system; Alternate with bottle water; and Drink water through filter.

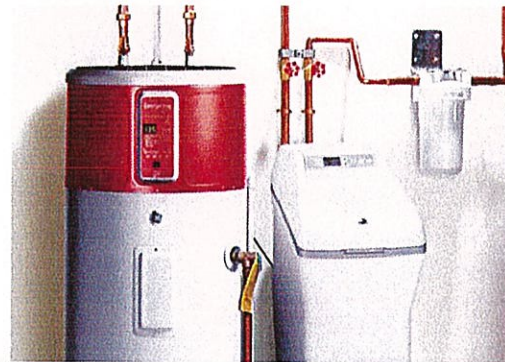
Question 3: How does your water taste? A total of 86 out of 93 people responded to this question.

	Good	Bad
All responses	68 (79)	18 (21)
<i>Numbers in () represent the percentage of responses</i>		
Responses by Street		
Brae Leure	6	0
Eagle Village N	1	0
Gulf Road	5	0
Horseshoe Lane	14	5
MacClenthen Road	6	0
Palmer Road	1	0
Salt Springs Road	29	12
Strawberry Lane	3	0
Anonymous	3	1

Some survey respondents also included additional comments about the taste of their drinking water as follows: Water tastes very good; Excellent water taste; Good taste with filter; Good taste after going through the reverse osmosis system; Water tastes okay; Water tastes bad but taste is fine with reverse osmosis filter; Water tastes not bad not great...good; Water tastes okay. Not great; and Water tastes poor.

Question 4: Do you use a water filtration or softener system? A total of 92 out of 93 people responded to this question.

	Yes	No
All responses	76 (83)	16 (17)
<i>Numbers in () represent the percentage of responses</i>		
Responses by Street		
Brae Leure	8	0
Eagle Village N	1	0
Gulf Road	5	0
Horseshoe Lane	17	2
MacClenthen Road	5	1
Palmer Road	1	0
Salt Springs Road	32	12
Strawberry Lane	3	0
Anonymous	4	1



<http://preserveoakville.com/wp-content/uploads/2015/02/watersoftener.jpg>

Some survey respondents also included additional comments about the use of water filtration or softener systems for their drinking water as follows: I have a water filtration and softener (system); Our white clothing in the wash becomes less brilliant with every wash; and I hate buying salt and dragging those heavy bags to my basement.

Question 5: Have you ever run out of water? A total of 90 out of 93 people responded to this question.

	Yes	No
All responses	19 (21)	71 (79)
<i>Numbers in () represent the percentage of responses</i>		
Responses by Street		
Brae Leure	2	6
Eagle Village N	0	1
Gulf Road	1	4
Horseshoe Lane	5	13
MacClenthen Road	0	6
Palmer Road	0	1
Salt Springs Road	10	33
Strawberry Lane	0	3
Anonymous	1	4

Some survey respondents also included additional comments about water supply/quantity issues including: Low water Wednesdays; Run out of water later in evening; Pressure is poor at night and Wednesday mornings, low flow; Every night at 11:00 pm; Neighbors had a water shortage 91, 95, 88/ water problems 2017; Water pressure can be an issue; Ran out of water when power was out and broken pump; Not due to dry well - had a pump fail once; Ran out of water when pump broke; Ran out of water during drought; Close to run out of water; Close to run out of water almost 1-2 years; and Haven't run out of water so far.

Question 6: Have you ever had a bulk delivery of water? A total of 90 of 93 people responded to this question.

	Yes	No
All responses	13 (14)	77 (86)
<i>Numbers in () represent the percentage of responses</i>		
Responses by Street		
Brae Leure	2	6
Eagle Village N	0	1
Gulf Road	2	3
Horseshoe Lane	4	15
MacClenthen Road	0	6
Palmer Road	0	1
Salt Springs Road	4	38
Strawberry Lane	0	3
Anonymous	1	4



<http://www.mikevailtrucking.com/uploads/water-truck-lrg.jpg>

Some survey respondents also included additional comments about bulk water deliveries as follows: Bulk delivery when pool installed; Bulk delivery during drought many years ago, not to home; Bulk delivery into community water tower years ago; There has been a bulk water delivery in the past; No not since we have lived here (2005 to present). There were shortages in 1995, 1991, 1988; No bulk delivery but apparently neighborhood did in the past; No bulk delivery of water but use 5-gallon jugs though; ? (Interpreted as respondent does not know if they've ever had a bulk delivery); and I've lived here for 9.5 years, not while I've lived here (not sure if response is to question about contamination or bulk water delivery).

Question 7: Has you well ever been contaminated? A total of 88 out of 93 people responded to this question.

	Yes	No
All responses	13 (15)	75 (85)
<i>Numbers in () represent the percentage of responses</i>		
Responses by Street		
Brae Leure	1	7
Eagle Village N	0	1
Gulf Road	0	5
Horseshoe Lane	2	16
MacClenthen Road	0	5
Palmer Road	0	1
Salt Springs Road	9	33
Strawberry Lane	0	3
Anonymous	1	4

Those that responded "yes" to their wells being contaminated listed the following contaminants: lead, sediment, coliform, debris, brown color, ground runoff and bacteria.

Some survey respondents also stated: Well contaminated with lead. No idea if other contaminants; Well contaminated with coliform, but due to have being empty for a long time (estate sale); Well required adding bleach non-drinkable for several days. Not sure about contaminant; Our neighbors have had water contamination problems; Don't know if well was ever contaminated; Well not contaminated to my knowledge; Well not contaminated to our knowledge; Don't know if well contaminated '88 tested twice; and I've lived here for 9.5 years, not while I've lived here (not sure if response is to question about contamination or bulk water delivery).

Question 8: Are you concerned about fire protection? A total of 90 out of 93 people responded to this question.

	Yes	No
All responses	61 (68)	29 (32)
<i>Numbers in () represent the percentage of responses</i>		
Responses by Street		
Brae Leure	4	4
Eagle Village N	0	0
Gulf Road	4	1
Horseshoe Lane	19	0
MacClenthen Road	2	4
Palmer Road	0	1
Salt Springs Road	27	16
Strawberry Lane	2	1
Anonymous	3	2

Some of the survey respondents also indicated that they are: (I am) concerned about fire protection and want water (public) to be established before I even consider building and Always concerned about fire protection - fire...how? (house...? trucks?).

Question 9: Are you in favor of public water if the annual cost to extend service was \$900 to \$1,200? A total of 89 out of 93 people responded to this question.

	Yes	No
All responses	56 (63)	33 (37)
<i>Numbers in () represent the percentage of responses</i>		
Responses by Street		
Brae Leure	4	(3)
Eagle Village N	0	1
Gulf Road	5	0
Horseshoe Lane	(18)	0
✓ MacClenthen Road	0	6
Palmer Road	0	1
Salt Springs Road	23	19
✓ Strawberry Lane	2	1
Anonymous	4	1

54 35
(61)(39)
89
71 (excl. Brae Leure)
38 39
(54)(55)

ALL No now
Received emails from
res

There were four surveys that did not have an answer to this question: one from Brae Leure Road, one from Horseshoe Lane and two from Salt Springs Road. One of these respondents put a "+" between yes and no and commented "It is a bit much considering of taxes already are high." Two respondents wrote that they are "not sure" and one respondent circled "yes" and "no" and indicated if the \$900 to \$1200 was a "one-time fee then yes."

Additional comments that were written on the surveys are as follows (Note: "yes"/"no" indicated if the respondent circled one of the choices in addition to writing their comment):

- "Yes" Would pay more.
- "Yes" My house is 10 years old and I already had to replace a well pump - very costly. Very much in favor; please continue to get this done.
- "Yes" I bought this property to build a home. The well there now is not usable. I am concerned about fire protection and water (public) to be established before I even consider building. My mother and grandparents also live on Salt Springs Road and very much want public water.
- "Yes" As a resident of Horseshoe District who personally conducted this survey on Salt Springs Road I consider this questionnaire to be a waste of time and funds. We had a 90% approval rate/interest rate. The paperwork is at Clearpath.
- "Yes" Annual cost for how many years? Yes if a limited number of years.
- "Yes" In favor if a limited number of years.
- "No" Plus over \$2,000 first year cost!
- "No" (arrow to \$1,200) This high but my bigger concern is the cost to get the water to my house/barn.
- "No" We are already drowning in taxes! No No No
- "No" That estimate is too high.
- "No" I am interested in understanding what the "residential" capacity of the project is. I have not been able to get answers!
- "No" I am not interested in public water all.
- "No" Too much \$.
- "No" Firmly against.
- "No" Willing to pay \$50 to \$75 per month tops.
- Unsure if in favor - only been here since August.
- Unsure if in favor - it is a bit much considering of taxes already are high.
- (Circled both) One-time fee then yes, in favor; otherwise no.
- (Circled both) Annual cost for how long? Not sure if in favor.

Appendix A

Cover Letter and Survey

Town of Manlius



February 5, 2018

RE: Joint Salt Springs Water System Project

Dear Resident,

In July 2017, you received a letter regarding the discussion of a joint public water system between the Town of Sullivan and Town of Manlius along Salt Springs Road. Since then, the Town of Manlius has been working to develop a scope of work and assessment of probable cost estimates. Initial indications are that the project will exceed the New York State Comptroller's threshold of the average cost of a water system for Upstate New York communities, so we must form a water district in order to pursue funding from State and Federal agencies to offset costs to you and your neighbors. The full report, including cost projections, can be found on the Town's website (www.townofmanlius.org) or in person at the Manlius Town Clerk's office.

Enclosed is a short survey designed to help the Town determine if residents along Salt Springs Road are in favor of public water. If there is enough interest based on results of this survey, we will move forward with beginning the process of forming the water district and pursuing project financing. If there is not enough interest, we will not proceed with the project and will inform the Town of Sullivan that they will need to investigate other options. Please take a few minutes to complete the survey and mail it back to KL Consulting Services by March 9, 2018. (KL Consulting Services is working with Miller Engineers to coordinate the public outreach aspects of this project and also provide assistance with securing project financing.)

A public information session on this project will be held at Immaculate Conception Church, Dwyer Hall, 400 Salt Springs Rd., Fayetteville on Wednesday, March 7 at 6:30 pm. Representatives from the Town will be on hand to answer your questions and collect your survey if you haven't returned it by then. In the meantime, please feel free to contact me at (315) 637-3414 or etheobald@townofmanlius.org with any questions or comments you have.

Sincerely,

Edmond J. Theobald
Supervisor

Edmond J. Theobald, Supervisor

Town Board - John R. Loeffler, Nicholas J. Marzola, Richard Rossetti, Vincent Giordano, Karen Green, Sara Bollinger

Salt Springs Road Joint Water Project
Town of Manlius ~ Community Survey

Name _____ Address _____

Please answer each question and circle only one response per question. Thank you.

Where do you get your water? Drilled well Shallow well Spring Other

Do you drink your well water? Yes No

How does your water taste? Good Bad

Do you use a water filtration or softener system? Yes No

Have you ever run out of water? Yes No

Have you ever had a bulk delivery of water? Yes No

Has your well ever been contaminated? Yes No

 If so, what was the contaminant? _____ please specify

Are you concerned about fire protection? Yes No

Are you in favor of public water if the annual cost to extend service was \$900 to \$1,200? Yes No

Please return this survey by March 9, 2018

Appendix B

Letter to Supervisor Theobald from Resident

rec'd 2/22/18
forwarded to
D. Miller +
A. Dot 2/22/18

February 14, 2018

Mr. Edmond J. Theobald, Supervisor
301 Brooklea Drive
Fayetteville, NY 13066

Dear Ed:

I have received the survey regarding the possible joint public water system on Salt Springs Road between the Town of Sullivan and Town of Manlius.

I'm still not sure the project has been explained in a manner that is easy for most people to understand, *nor is the survey*. Sadly, when that happens, the response is usually negative.

As a land and home owner of property on Salt Springs Road in both the Town of Manlius and the Town of Sullivan, I am strongly in favor of this project.

Water is singly the most important element in our world today. In this day and age, everyone should have water that is safe to use. While many of the residents have good wells and no shortage, often the water is extremely hard and needs to be treated. There are also some residents that struggle year to year to have enough water. I wonder how often those that may be against this project have their water tested for purity. *Salt Springs Road, like a good part of New York State, is and has always been farm land with all the possible contaminants that farming brings. Public water is added value to homeowners, and with it comes the availability for access to fire hydrants should the need arise.*

As it was explained at the meeting I attended and through several conversations since, if the applied for grants are approved, the annual cost for **all residents** would be approximately \$575 paid via our property tax bill.... regardless of whether they hooked up or not. This \$575+- is included in the \$900-\$1200 yearly cost as personal usage based on a family of 4. Connection charges would vary per residence. I have owned several residential properties in both the Town of Sullivan and the Town of Manlius, the cost of water has never exceeded \$300 per year. **Since no one can predict the future**, if a resident choose NOT to tie in, that \$575+- is still pretty cheap insurance to *guarantee the availability of water, aka "LIQUID GOLD," should someone lose their well or their house catches fire.*

I hope that you will continue to move forward with this project and present it so that it is easily understood. If I can be of any help, please let me know.


Marlene C. Denney

P.S. Ed, at my shop we have an average of about 40 employees, using water 5-6 days a week and we wash buses, our bill averages \$1500 per year.

Appendix D
Water District Written Boundary Description

Boundary Description

Town of Manlius, Salt Springs Road Water District

Town of Manlius, Onondaga County, New York

The Town of Manlius Salt Springs Road Water District, situated in the Town of Manlius, Onondaga County and State of New York, being part of Military Lot Nos. 68, 69, 77, 78 and 79 in said Town, being more particularly described as follows:

Commencing at a point of beginning, said Point being the northeastern property corner of Parcel 091.-03-40.2; thence proceeding southerly along the eastern boundary of Parcel 091.-03-40.2 to the southeastern property corner of said Parcel; thence continuing southerly along the projection of the eastern boundary of Parcel 091.-03-40.2 across Salt Springs Road to the northeastern property corner of Parcel 100.1-02-03.2; thence continuing southerly along the eastern boundary of Parcel 100.1-02-03.2 to the southernmost point of said Parcel; thence continuing southerly along the eastern boundary of Parcel 100.-02-03.3 to the southeastern property corner of said Parcel; thence proceeding southwesterly along the southern boundary of Parcel 100.-02-03.3 to the southwestern property corner of said Parcel; thence proceeding northwesterly along the western boundary of Parcel 100.-02-03.3 to a point where the offset from the Salt Springs Road ROW is 500 feet; thence proceeding southwesterly through the lands of Parcel 100.-02-03.6 and along the offset 500 feet south of the southerly ROW boundary of Salt Springs Road to a point along the western boundary of said Parcel; thence proceeding northerly along the western boundary of Parcel 100.-02-03.6 to the northwestern corner of said Parcel; thence proceeding southwesterly along the southerly ROW boundary of Salt Springs Road to the northeastern property corner of Parcel 100.1-01-37.0; thence proceeding southerly along the eastern boundary of Parcel 100.1-01-37.0 to the southeastern property corner of said Parcel; thence proceeding westerly along the southern boundary of Parcel 100.1-01-37.0 to the northeastern property corner of Parcel 100.-01-11.0; thence proceeding southerly along the eastern boundary of Parcel 100.-01-11.0 to a point where the offset from the Salt Springs Road ROW is 500 feet; thence proceeding southwesterly through the lands of Parcel 100.-01-11.0 and along the offset 500 feet south of the southerly ROW boundary of Salt Springs Road to a point along the western boundary of said Parcel; thence proceeding northerly along the western boundary of Parcel 100.-

01-11.0 to the northwestern property corner of said Parcel; thence proceeding southwesterly across Macclenthen Road to the northeastern property corner of Parcel 099.-02-06.1; thence proceeding southerly along the eastern boundary of Parcel 099.-02-06.1 to the southeastern property corner of said Parcel; thence proceeding westerly along the southern boundary of Parcel 099.-02-06.1 to the southwestern property corner of said Parcel; thence proceeding southerly along the eastern boundary of Parcel 099.-02-06.4 to the southeastern property corner of said Parcel; thence proceeding westerly along the southern property boundary of Parcel 099.-02-06.4 to the southeastern property corner of Parcel 099.-02-06.6; thence continuing westerly along the southern boundary of Parcel 099.-02-06.6 to the southwestern property corner of said Parcel; thence proceeding northerly along the western boundary of Parcel 099.-02-06.6 to the southeastern property corner of Parcel 099.-02-05.1; thence proceeding westerly along the southern boundary of Parcel 099.-02-05.1 to the southeastern property corner of Parcel 099.-02-05.2; thence continuing westerly along the southern boundary of Parcel 099.-02-05.2 to the southwestern property corner of said Parcel; thence proceeding northwesterly along the western boundary of Parcel 099.-02-05.2 to the southeastern property corner of Parcel 099.-02-03.0; thence proceeding southwesterly along the southern boundary of Parcel 099.-02-03.0 to the southeastern property corner of Parcel 099.-02-02.0; thence continuing southwesterly along the southern boundary of Parcel 099.-02-02.0 to the southeastern property corner of Parcel 099.-02-18.2; thence continuing southwesterly along the southern boundary of Parcel 099.-02-18.2 to the southwestern property corner of said Parcel; thence proceeding northerly along the western boundary of Parcel 099.-02-18.2 to the northwestern property corner of said Parcel; thence proceeding southwesterly across Strawberry Lane to the northeastern property corner of Parcel 099.-02-01.0; thence proceeding southerly along the eastern boundary of Parcel 099.-02-01.0 to the northwestern property corner of Parcel 099.-02-18.3; thence proceeding easterly along the northern boundary of Parcel 099.-02-18.3 to the northeast property corner of said Parcel; thence proceeding southerly along the eastern boundary of Parcel 099.-02-18.3 to the southeastern property corner of said Parcel; thence proceeding westerly along the southern boundary of Parcel 099.-02-18.3 to the southwestern property corner of said Parcel; thence continuing westerly along the southern boundary of Parcel 099.-02-01.0 to the southwestern property corner of said Parcel; thence proceeding southerly along the eastern boundary of Parcel 099.-02-18.8 to the southeastern property corner of said Parcel; thence proceeding westerly along the southern

boundary of Parcel 099.-02-18.8 to the southeastern property corner of Parcel 099.-02-18.7; thence continuing westerly along the southern boundary of Parcel 099.-02-18.7 to the southwestern property corner of said Parcel; thence proceeding northerly along the western boundary of Parcel 099.-02-18.7 to the northwestern corner of said Parcel; thence proceeding southwesterly across Townsend Road to the northeastern property corner of Parcel 098.-01-16.0; thence proceeding southerly along the eastern boundary of Parcel 098.-01-16.0 to the southeastern property corner of said Parcel; thence continuing southerly along the eastern boundary of Parcel 098.-01-15.0 to a point where the offset from Salt Springs Road is 500 feet; thence proceeding southwesterly through the lands of Parcel 098.-01-15.0 and along the offset 500 feet south of the southern ROW boundary of Salt Springs Road to a point along the eastern property boundary of Parcel 098.-01-13.0; thence proceeding southerly along the eastern boundary of Parcel 098.-01-13.0 to the southeastern property corner of said Parcel; thence proceeding southwesterly along the southern boundary of Parcel 098.-01-13.0 to the southeastern property corner of Parcel 098.-01-12.0; thence continuing southwesterly along the southern boundary of Parcel 098.-01-12.0 to the southeastern property corner of Parcel 098.-01-11.0; thence continuing southwesterly along the southern boundary of Parcel 098.-01-11.0 to the southeastern property corner of Parcel 098.-01-10.0; thence continuing southwesterly along the southern boundary of Parcel 098.-01-10.0 to the southeastern corner of Parcel 098.-01-09.0; thence continuing southwesterly along the southern boundary of Parcel 098.-01-09.0 to the southeastern property corner of Parcel 098.-01-08.0; thence continuing southwesterly along the southern boundary of Parcel 098.-01-08.0 to the southwestern property corner of said Parcel; thence proceeding southerly along the eastern boundary of Parcel 098.-01-06.5 to the southeastern property corner of Parcel 098.-01-06.1; thence proceeding northwesterly along the southern boundary of Parcel 098.-01-06.1 to the southwestern property corner of said Parcel; thence proceeding southerly along the eastern property boundary of Parcel 098.-01-07.0 to the southeastern property corner of said Parcel; thence proceeding northwesterly along the southern property boundary of Parcel 098.-01-07.0 to the southeastern property corner of Parcel 098.-01-04.1; thence continuing northwesterly along the southern boundary of Parcel 098.-01-04.1 to the southeastern property corner of 098.-01-03.1; thence continuing northwesterly along the southern boundary of Parcel 098.-01-03.1 to the southeastern property corner of Parcel 098.-01-01.1; thence continuing northwesterly along the southern boundary of Parcel 098.-01-01.1 to the

southwestern property corner of said Parcel; thence proceeding northerly along the eastern boundary of Parcel 098.-01-01.1 to the northwestern property corner of said Parcel; thence proceeding northeasterly along the northern boundary Parcel 098.-01-01.1 to the northeastern property corner of said Parcel; thence continuing northwesterly along the northern boundary of Parcel 098.-01-03.1 to the projection of the western boundary of Parcel 097.-01-06.1; thence proceeding northerly along the projection of the western boundary of Parcel 097.-01-06.1 across Salt Springs Road to the southwestern property corner of said Parcel; thence proceeding northerly along the western boundary of Parcel 097.-01-06.1 to the northwestern property corner of said Parcel; thence proceeding northeasterly along the northern boundary of Parcel 097.-01-06.1 to the southwestern property corner of Parcel 097.-01-04.1; thence proceeding northerly along the western boundary of Parcel 097.-01-04.1 to the northwestern property corner of said Parcel; thence proceeding easterly along the northern boundary of Parcel 097.-01-04.1 to the northeastern property corner of said Parcel; thence proceeding southerly along the eastern boundary of Parcel 097.-01-04.1 to the northernmost point of Parcel 097.-01-04.2; thence proceeding southeasterly along the eastern boundary of Parcel 097.-01-04.2 to the southeastern property corner of said Parcel; thence proceeding northeasterly along the northerly ROW boundary of Salt Springs Road to the southwestern property corner of Parcel 097.-01-02.2; thence proceeding northerly along the western boundary of Parcel 097.-01-02.2 to the northwestern corner of said Parcel; thence proceeding northeasterly along the northern boundary of Parcel 097.-01-02.2 to the northeastern property corner of said Parcel; thence proceeding southeasterly along the eastern boundary of Parcel 097.-01-02.2 to the southeastern property corner of said Parcel; thence proceeding northeasterly along the northerly ROW boundary of Salt Springs Road to the southwestern property corner of Parcel 091.-02-22.0; thence proceeding northerly along the western boundary of Parcel 091.-02-22.0 to the southwestern property corner of Parcel 091.-02-21.0; thence continuing northerly along the western boundary of Parcel 091.-02-21.0 to a point where the offset from Salt Springs ROW boundary is 500 feet; thence proceeding northeasterly through the lands of Parcel 091.-02-21.0 along the offset 500 feet north of the northern ROW boundary of Salt Springs Road to a point along the western boundary of said Parcel; thence proceeding northerly along the western boundary of Parcel 091.-02-20.1 to the northwestern property corner of said Parcel; thence proceeding easterly along the northern boundary of Parcel 091.-02-20.1 to the northwestern corner of Parcel 091.-02-19.1; thence

continuing easterly along the northern boundary of Parcel 091.-02-19.1 to the northwestern corner of Parcel 091.-02-19.2; thence continuing easterly along the northern boundary of Parcel 091.-02-19.2 to the northeastern property corner of said Parcel; thence proceeding northerly along the western boundary of Parcel 091.-02-18.0 to the northwestern property corner of said Parcel; thence proceeding easterly along the northern boundary of Parcel 091.-02-18.0 to the northeastern property corner of said Parcel; thence proceeding southerly along the eastern boundary of Parcel 091.-02-18.0 to a point where the offset from Salt Springs Road is 500 feet; thence proceeding northeasterly through the lands of Parcel 091.-02-17.2 and along the offset 500 feet north of the northern ROW boundary of Salt Springs Road to a point along the western boundary of Parcel 091.-02-17.3; thence continuing northeasterly through the lands of Parcel 091.-02-17.3 and along the offset 500 feet north of the northern ROW boundary of Salt Springs Road to a point along the western boundary of Parcel 091.-02-17.1; thence continuing northeasterly through the lands of Parcel 091.-02-17.1 and along the offset 500 feet north of the northern ROW boundary of Salt Springs Road to a point along the western boundary of Parcel 091.-02-17.4; thence proceeding northwesterly along the western boundary of Parcel 091.-02-17.4 to the northwestern property corner of said parcel; thence proceeding northeasterly along the northern boundary of Parcel 091.-02-17.4 to the northeastern property corner of said Parcel; thence proceeding southerly along the eastern boundary of Parcel 091.-02-17.4 to the southeastern property corner of said Parcel; thence proceeding northeasterly along the northern ROW boundary of Salt Springs Road to the southwestern property corner of Parcel 091.-02-15.1; thence proceeding northerly along the western boundary of Parcel 091.-02-15.1 to the northwestern property corner of said Parcel; thence proceeding northeasterly along the northern boundary of Parcel 091.-02-15.1 to the northeastern property corner of said Parcel; thence proceeding southerly along the eastern boundary of Parcel 091.-02-15.1 to the southeastern property corner of said Parcel; thence proceeding northeasterly along the northern ROW boundary of Salt Springs Road to the southwestern property corner of Parcel 091-03-05.2; thence proceeding northerly along the western boundary of Parcel 091.-03-05.2 to the northwestern property corner of said Parcel; thence proceeding northeasterly along the northern boundary of Parcel 091.-03-05.2 to the northeastern property corner of said Parcel; thence proceeding northwesterly along the western boundary of Parcel 091.-03-05.1 to the northwestern property corner of said Parcel; thence proceeding northeasterly along the northern boundary of Parcel

091.-03-05.1 to the northwestern corner of Parcel 091.-03-05.3; thence continuing northeasterly along the northern boundary of Parcel 091.-03-05.3 to the northeastern of said Parcel; thence proceeding southeasterly along the eastern boundary of Parcel 091.-03-05.3 to the southeastern property corner of said Parcel; thence proceeding northeasterly along the northern ROW boundary of Salt Springs Road to the southwestern property corner of Parcel 091.-03-01.3; thence proceeding northerly along the western boundary of Parcel 091.-03-01.3 to the northwestern property corner of said Parcel; thence proceeding northeasterly along the northern boundary of Parcel 091.-03-01.3 to the northeastern property corner of said Parcel; thence proceeding northerly along the eastern boundary of Parcel 091.-03-01.2 to the northernmost property corner of said Parcel; thence proceeding westerly along the southern boundary of Parcel 091.-03-40.2 as it bends and turns to the westernmost property corner of said Parcel; thence proceeding northeasterly along the eastern boundary of Parcel 091.-03-40.2 as it bends and turns to the northwestern property corner of said Parcel; thence proceeding southeasterly along the northern boundary of Parcel 091.-03-40.2 to the northeastern property corner of said Parcel, said point also being the Point of Beginning, encompassing all parcels between said boundary.

Appendix E
EDU Assessment

(T) MANLIUS - PROPOSED SALT SPRINGS WATER DISTRICT EDUs									
TAX ID	PARCEL ADDRESS	OWNER'S NAME	OWNER'S MAILING ADDRESS	TOWN, STATE	ZIP CODE	PROPERTY CLASS	PROPERTY CLASS DESCRIPTION	PROPOSED EDUs	COMMENTS
091.-02-15.1	8601 Salt Springs Rd	Nevelidine Ted L	8601 Salt Springs Rd	Manlius, NY	13104-8705	210	Single-Family Residence	1	
091.-02-17.1	8473 Salt Springs Rd	Pfohl, Jr. Revocable Trust Joseph R	8473 Salt Springs Rd	Manlius, NY	13104	120	Field Crops	0	In Agricultural District - Structures
091.-02-17.2	8393 Salt Springs Rd	Bushnell Andrew	8393 Salt Springs Rd	Manlius, NY	13104	241	Rural Residence with acreage	1	In Agricultural District - Structures
091.-02-17.3	8401 Salt Springs Rd	Garofalo Ronald J	8401 Salt Spring Rd	Manlius, NY	13104	240	Rural Residence with acreage	1	In Agricultural District - Structures
091.-02-17.4	8489 Salt Springs Rd	Streeter Mercedes L	8489 Salt Springs Rd	Manlius, NY	13104	210	Single-Family Residence	1	In Agricultural District - Structures
091.-02-18.0	8383 Salt Springs Rd	Denney Marlene C	8383 Salt Springs Rd	Manlius, NY	13104-9759	210	Single-Family Residence	1	
091.-02-19.1	8371 Salt Springs Rd	Benson Stephen J	8371 Salt Springs Rd	Manlius, NY	13104-9759	210	Single-Family Residence	1	
091.-02-19.2	8377 Salt Springs Rd	Schemm John	8377 Salt Springs Rd	Manlius, NY	13104-9759	210	Single-Family Residence	1	
091.-02-20.1	8367 Salt Springs Rd	Giamartino John Jr	8367 Salt Springs Rd	Manlius, NY	13104-9759	240	Rural Residence with acreage	1	
091.-02-20.2	8321 Salt Springs Rd	Powell Lee	8250 Drinkwater Ln	Manlius, NY	13104	312	Residential Land w/Improvement	0.5	
091.-02-21.0	Townsend Rd	T H Kinsella Inc	PO Box 7	Fayetteville, NY	13066	105	Productive Agricultural Vacant Land	0.5	
091.-02-22.0	8233 Salt Springs Rd	Parry Robert C	8233 Salt Springs Rd	Manlius, NY	13104	210	Single-Family Residence	1	
091.-03-01.1	8827 Salt Springs Rd	Delgado Tomas A	8827 Salt Springs Rd	Chittenango, NY	13037	210	Single-Family Residence	1	
091.-03-01.2	8823 Salt Springs Rd	Saxman Jay A	8823 Salt Springs Rd	Chittenango, NY	13037-9111	210	Single-Family Residence	1	
091.-03-01.3	8819 Salt Springs Rd	Smith Barry L	8819 Salt Springs Rd	Chittenango, NY	13037	210	Single-Family Residence	1	
091.-03-05.1	8777 Salt Springs Rd	Martin Christopher	8777 Salt Springs Rd	Chittenango, NY	13037	210	Single-Family Residence	1	
091.-03-05.2	8773 Salt Springs Rd	Fernandez Tarra	8773 Salt Springs Rd	Chittenango, NY	13037	210	Single-Family Residence	1	
091.-03-05.3	8781 Salt Springs Rd	Watson Joshua P	8781 Salt Springs Rd	Chittenango, NY	13037	210	Single-Family Residence	1	
091.-03-40.2	8835 Salt Springs Rd	Clear Path at Skyridge LLC	1169 Oak Ln	Bridgeport, NY	13030	632	Benevolent and Moral Association	2	Clearpath for Veterans, 1 EDU included for the Home and 1 EDU included for the Lodge - Total of 3.5 EDUs, other 1.5 EDUs accounted in Sullivan EDUs, There is a second Clearpath parcel but it does not front Salt Springs Road, so it has not been included in the WD boundary
097.-01-02.2	8171 Salt Springs Rd	Clark Lisa M	8171 Salt Springs Rd	Manlius, NY	13104	210	Single-Family Residence	1	
097.-01-05.0	8117 Salt Springs Rd	Grimaldi Susan	8117 Salt Springs Rd	Manlius, NY	13104-9752	210	Single-Family Residence	1	
097.-01-06.1	8105 Salt Springs Rd	Lapine Reva G	8105 Salt Springs Rd	Manlius, NY	13104-9752	210	Single-Family Residence	1	
097.-01-04.1	Salt Springs Rd	T H Kinsella	PO Box 7	Fayetteville, NY	13066	322	Residential Vacant Land	0.5	
097.-01-04.2	Salt Springs Rd	T H Kinsella	PO Box 7	Fayetteville, NY	13066	311	Residential Vacant Land	0.5	
098.-01-01.1	8060 Salt Springs Rd	Robinson Shawn M	8060 Salt Springs Rd	Manlius, NY	13104	210	Single-Family Residence	1	
098.-01-03.1	5140 Eagle Village Rd	Eagle Village Road, LLC 5132 North	221 Huntleigh Ave	Fayetteville, NY	13066	210	Single-Family Residence	1	
098.-01-04.1	5132 Eagle Village Rd	SGZ Properties LLC	PO Box 31	Manlius, NY	13104	210	Single-Family Residence	1	
098.-01-05.0	8114 Salt Springs Rd	Voinier David A	8114 Salt Springs Rd	Manlius, NY	13104-9752	210	Single-Family Residence	1	
098.-01-06.1	8142 Salt Springs Rd	Rockacres LLC	8142 Salt Springs Rd	Manlius, NY	13104	472	Dog Kennel	1	In Agricultural District - Structures
098.-01-06.2	Salt Springs Rd	SCV Ventures LLC	1169 Oak Ln	Bridgeport, NY	13030	105	Productive Agricultural Vacant Land	0.5	
098.-01-06.5	8142 Salt Springs Rd	Harris Laurence M	8142 Salt Springs Rd	Manlius, NY	13104	210	Single-Family Residence	1	In Agricultural District - Structures
098.-01-07.0	8128 Salt Springs Rd	Benjamin Phillip D	8128 Salt Springs Rd	Manlius, NY	13104	210	Single-Family Residence	1	
098.-01-08.0	8160 Salt Springs Rd	Weigand Meghan A	8160 Salt Springs Rd	Manlius, NY	13104	210	Single-Family Residence	1	
098.-01-09.0	8166 Salt Springs Rd	Wuerslin Markus H	8166 Salt Springs Rd	Manlius, NY	13104	210	Single-Family Residence	1	
098.-01-10.0	8170 Salt Springs Rd	Abraham Ancy A	8170 Salt Springs Rd	Manlius, NY	13104-9752	210	Single-Family Residence	1	
098.-01-11.0	8174 Salt Springs Rd	Wistrup Daniel C	8174 Salt Springs Rd	Manlius, NY	13104-9752	210	Single-Family Residence	1	
098.-01-12.0	8180 Salt Springs Rd	Hall Russell V	8180 Salt Springs Rd	Manlius, NY	13104-9752	210	Single-Family Residence	1	
098.-01-13.0	8190 Salt Springs Rd	Limestone Ridge LLC	5860 McKinley Rd	Brewerton, NY	13029	210	Single-Family Residence	1	
098.-01-14.0	8204 Salt Springs Rd	Kuntz Donald C	8204 Salt Springs Rd	Manlius, NY	13104-9735	210	Single-Family Residence	1	
098.-01-15.0	5062 Eagle Village Rd	Shapero Paul B	5062 Eagle Village Rd N	Manlius, NY	13104-8706	120	Field Crops	0.5	
098.-01-16.0	8232 Salt Springs Rd	Friend Living Trust Ruth	8232 Salt Springs Rd	Manlius, NY	13104-9735	210	Single-Family Residence	1	
099.-02-01.0	8258 Salt Springs Rd	Koester Michael C	8258 Salt Springs Rd	Manlius, NY	13104-9735	210	Single-Family Residence	1	
099.-02-02.0	8290 Salt Springs Rd	Marciano Joanna S	131 Seneca St	Manlius, NY	13104	210	Single-Family Residence	1	
099.-02-03.0	8300 Salt Springs Rd	Karpinski Mary L	8300 Salt Springs Rd	Manlius, NY	13104	210	Single-Family Residence	1	
099.-02-05.1	8332 Salt Springs Rd	Corso Joseph	8332 Salt Springs Rd	Manlius, NY	13104	210	Single-Family Residence	1	
099.-02-05.2	8322 Salt Springs Rd	Corso Joseph	8322 Salt Springs Rd	Manlius, NY	13104	314	Residential Vacant Land	0.5	
099.-02-06.1	8394 Salt Springs Rd	Salt Springs LLC	8394 Salt Springs Rd	Manlius, NY	13104	210	Single-Family Residence	1	
099.-02-06.2	8374 Salt Springs Rd	Lisi Michele L	8374 Salt Springs Rd	Manlius, NY	13104	210	Single-Family Residence	1	

Appendix F
Estimated Probable Project Cost



443 Electronics Parkway Liverpool, New York 13088
Phone 315-457-5200 · Fax 315-451-0052

(T) Manlius, (T) Sullivan - Salt Springs Water Planning
(447.026.001, 148.146.003)

JOB
SHEET NO.
CALCULATED BY
CHECKED BY
DESC.

1	OF	1
OMH	DATE	2/19/2021
TCB2	DATE	2/19/2021
Skyridge Joint Water Project - Estimated Project Cost		

Item	Description	Quantity	Units	Unit Cost	Total
1	Furnish and Install 8" Water Main	31,016	LF	\$58	\$1,798,939
2	Furnish and Install 8" Valves	31	EA	\$2,000	\$62,032
3	Furnish and Install 8" Hydrants	62	EA	\$5,000	\$310,162
4	Furnish and Install 178,000 gal Water Tank	1	EA	\$400,000	\$400,000
5	Furnish and Install Improved Access Road	NEC	LS	\$25,000	\$25,000
6	Furnish and Install Package Pump Station	1	EA	\$425,000	\$425,000
7	Furnish and Install New Water Service	123	EA	\$2,500	\$307,500
8	Furnish and Install PRV Pit	3	EA	\$50,000	\$150,000
9	Instrumentation & Control	NEC	LS	\$50,000	\$50,000
10	Connection to Existing System	3	LS	\$10,000	\$30,000
11	Furnish and Install Road Crossing	4	EA	\$30,000	\$120,000
12	Clearing	1	LS	\$25,000	\$25,000
13	Restoration	31,016	LF	\$5	\$155,081
14	Rock Excavation	11,000	CY	\$135	\$1,485,000
15	Excavation Below Subgrade	2,297	CY	\$10	\$22,975
16	Lining	7,658	CY	\$25	\$191,458
17	Special Backfill	1,000	CY	\$25	\$25,000
18	Land Purchase	NEC	LS	\$10,000	\$10,000
19	Decommission Existing Skyridge Water Infrastructure	NEC	LS	\$10,000	\$10,000
				Subtotal 2020	\$5,603,000
				Inflation to 2023 (3%/yr)	\$520,000
				Mob/Demob/General Conditions/Work Traffic Control	4%
					\$245,000
				Contingency	15%
					\$955,000
				Subtotal Construction Costs	\$7,300,000
				Planning/District Formation/Funding/Engineering/Legal/Administrative	25%
					\$1,900,000
				Total	\$9,200,000



443 Electronics Parkway Liverpool, New York 13088
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(T) Manlius, (T) Sullivan - Salt Springs Water Planning
(447.026.001, 148.146.003)

JOB
SHEET NO.
CALCULATED BY
CHECKED BY

1	OF	1
OMH	DATE	2/19/2021
TCB2	DATE	2/19/2021

DESC.

Skyridge Joint Water Project - Project Financing and
Estimated User Cost

SKYRIDGE JOINT WATER PROJECT		
Project Financing and User Cost Estimates		
Description	Joint Project - Manlius	Joint Project - Sullivan
Total Estimated Capital Project Cost (2023 Dollars)	\$9,200,000	
Equivalent Bond Amount	\$6,909,091	\$2,290,909
Assumed DASNY Grant	\$2,000,000	N/A
Subtotal	\$4,909,091	\$2,290,909
Assumed WIIA Grant (60% of cost)	\$2,945,455	\$1,375,000
Total Estimated Capital Project Cost	\$2,879,545	
Annualized Project Cost (50% Rule)*	\$101,538	
Number of EDUs	126.5	
Capital Debt per EDU (50% Rule)	\$803	
Estimated Annual OCWA Water Bill	\$391	
Total Annual Cost per EDU	\$1,194	

*Assumes 2.2%, 30 year DWSRF financing for the Town of Manlius and 2.125%, 38 year USDA Rural Development financing for the Town of Sullivan. Cost per EDU would be equalized between the two towns.

Appendix G
OCWA Water Rates 2021

Effective January 1, 2021



**RATE SCHEDULE NO. 2 – GALLONS
GENERAL RESIDENTIAL SERVICE – QUARTERLY**

AVAILABILITY: Service under this rate schedule is available to any customer within the Authority's service area in Onondaga and Oswego Counties.

APPLICABILITY: Any regular metered purpose.

BASE SYSTEM FEE: The base system fee for services hereunder shall be:

<u>Size of Meter:</u>	<u>Base System Fee:</u>
5/8"	\$ 36.60
3/4"	\$ 54.90
1"	\$ 91.50
1-1/2"	\$ 183.00
2"	\$ 292.80
3"	\$ 585.60
4"	\$ 915.00

WATER USE RATE:

First	10,000 gallons @	\$2.93 per 1,000 gallons
Next	13,000 gallons @	\$3.82 per 1,000 gallons
Over	23,000 gallons @	\$4.73 per 1,000 gallons

BILLING: Based on the total of the Base System fee plus the applicable usage rate for all water used during the billing cycle.

PAYMENT: Bills are rendered net and are payable within fifteen (15) days after presentation, in accordance with Article VIII of the Customer Rules of the Authority.

TERMS AND CONDITIONS: Service hereunder is subject to the Customer Rules of the Authority.

**ONONDAGA COUNTY WATER AUTHORITY
RATE SCHEDULE NO. 5 – FEES**

Applicability: All Customers

1. Meter Fees:

<u>Size of Meter</u>	<u>Cost</u>	<u>Size of Meter</u>	<u>Cost</u>
5/8"	\$213.64	3"	\$2,404.36
3/4"	\$265.03	4"	\$3,401.40
1"	\$327.18	6"	\$5,399.16
1 1/2"	\$871.52	8"	\$5,775.65
2"	\$1,120.71	10"	\$8,108.75
<u>Size of Fireline</u>	<u>Meter Cost</u>	<u>Size of Fireline</u>	<u>Meter Cost</u>
4" FL	\$7,525.09	8" FL	\$14,174.11
6" FL	\$10,558.81	10" FL	\$18,995.93

2. **Service Activation Fee:** \$11.00

3. **Meter Testing Fee (thru 3"):** \$75.00

4. **Service Restoration Fee:**
During Regular Hours \$75.00
After Hours \$112.50

5. **Damaged Hydrant Meter/ RPZ Service Charge:** 1st occurrence 2nd occurrence +
\$75.00 \$112.50

6. **Damaged/Frozen Meter Service Charge:** 1st occurrence 2nd occurrence +
During Regular Hours \$75.00 \$112.50
After Hours \$112.50 \$168.75
Charges for irreparably damaged meter s will be incurred at current replacement cost.

7. **Meter Pit Installation Fee: 1" & Under - Regular & High Pressure** \$1,300.00
(If High Pressure Customer to provide Pressure Reducing Valve)

8. **Meter Pit Installation Fee: 1 1/2" & 2" – Regular & High Pressure** \$3,000.00
(If High Pressure Customer to provide Pressure Reducing Valve)

9. **Illegal Use of Hydrant (Theft of Service) Fee:** 1st occurrence 2nd occurrence +
\$500.00 \$1,000.00

10. **Returned Check Fee:** \$20.00

11. Backflow Preventer Test Report Submittal:

- a. Test Report submittal via VEPO CrossConnex Application - \$13.00 per test report submittal – paid directly through VEPO CrossConnex Application.

12. Advance Benefit:

Applicability: Applications for service connections to certain water mains must be accompanied by an Advance Benefit payment in addition to the connection fee. These water mains are designated by OCWA which have been installed after **January 1, 1995** but not as replacements of existing mains or under Main Extension Contract. **The 2021 cost for Advance Benefit is \$2,160.00.**

Rate: Actual charges each year are on file at OCWA office. The charge for water used will be at the regular rates.

Billing: The bill for service rendered hereunder shall be rendered in advance.

Payment: Bills are rendered net and are payable in advance.

Terms and Conditions: Services hereunder are subject to the Customer Rules of OCWA.

Any and all rates set forth in this Rate Schedule No. 5 are made subject to the Rock and Boulder Provision of Sec. 4.9 of these Customer Rules.

Effective January 1, 2021

ONONDAGA COUNTY WATER AUTHORITY
RATE SCHEDULE NO. 5A – FEES

Availability: Service under this rate schedule is available to any customer:

Applicability: All Customers

1. **Connection Fees** (including meter)

<u>Size of Service</u>	<u>If Installed w/Main</u>	<u>If Installed Separately</u>	
		<u>On Mains Less Than 16"</u>	<u>On Mains 16" or Larger</u>
3/4"	\$ 800.00	\$ 1,770.00	\$ 1,785.00
1"	960.00	1,940.00	1,955.00
1 1/2"	2,070.00	2,810.00	2,860.00
2"	2,680.00	3,820.00	3,880.00

Connection fees for services 4" and over will be based on the actual cost of labor and materials to furnish and install the service.

OCWA will require a deposit for 4" and over services to be made prior to installation of the service.

If the deposit is more than the actual cost, OCWA will refund the monies not used, and likewise, if the deposit does not cover the actual cost, the customer will be responsible for any overage.

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listen
The power to
solveSM

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&Loguidice

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IN THE MATTER

Of

**CREATING A SUSTAINABLE MANLIUS
PUBLICITY FUND UNDER TOWN LAW
SECTION 64 (14) AND TO ACCEPT GIFTS
TO THIS PUBLICITY FUND PERSUANT TO
TOWN LAW 64 (8)**

RESOLUTION

The **TOWN BOARD OF THE TOWN OF MANLIUS**, in the County of Onondaga, State of New York, met in regular session at 301 Brooklea Drive, Fayetteville, New York and online via the online platform commonly referred to as Zoom and also via the Town of Manlius Facebook page, on the 26th of May 2021, at 6:30 p.m.

The meeting was called to order by Edmond J. Theobald, Supervisor, and the following were present, namely:

Edmond J. Theobald	Supervisor
Sara Bollinger	Councilor
John Deer	Councilor
Elaine Denton	Councilor
Karen Green	Councilor
Katelyn Kriesel	Councilor
Heather Allison Waters	Councilor

The following resolution was moved, seconded and adopted:

WHEREAS, the Town has formed a Committee called Sustainable Manlius;

WHEREAS, Sustainable Manlius is the Town of Manlius's sustainability committee that meets regularly and is made up of community members and Town Board members;

WHEREAS, Sustainable Manlius is working to begin the transition towards renewable energy, raise awareness of environmental sustainability and climate justice, undertake sustainable practices in the Town and generally promote sustainable public policy in the Town;

WHEREAS, Sustainable Manlius desires to raise funds or receive gifts from the public to further its goals;

WHEREAS, the Town Board desires to accept gifts, contributions or donations for Sustainable Manlius to further its goals and pursuant to Town Law Section 64 (8);

WHEREAS, the Town Board desires to segregate the funds or contributions raised or the gifts donated through a separate publicity fund created under Town Law 64 (14);

NOW, THEREFORE, BE IT RESOLVED THAT the Town Board of the Town of Manlius hereby adopts the following policy on gifts, contributions and donations and establishing a publicity fund:

Section 1. The purpose of this policy is to establish a uniform policy for accepting gifts, contributions, and donations made to the Town of Manlius on behalf of Sustainable Manlius.

Section 2. Any gifts, contributions or donations solicited by or received by the various boards and commissions elected or appointed by the Town to Sustainable Manlius are construed to be gifts, contributions or donations to the Town and therefore governed by this policy.

Section 3. The Town shall be informed through the agenda process of the following types of gifts, contributions and/or donations and shall make a determination in a regular Town Board meeting of whether or not to accept the following types of gifts and donations:

- a. real estate;
- b. personal property ownership of which would require a significant expenditure of Town funds; and
- c. cash to be used for a specified program or purpose which is not included in a current operating plan for the Town.

Section 4. The Town Manlius hereby delegates to the Town Manager the authority to accept other gifts and donations, such as:

- a. unrestricted cash;

- b. cash to be used for a specified program or purpose which is included in a current operating plan for the Town;
- c. personal property that does not require a significant expenditure of Town funds.

Section 4. The Town Manager shall open a separate bank deposit account titled “Publicity Account – Sustainable Manlius” at the Town’s banking depository and any such funds accepted as gifts, contributions, or donations shall be deposited in this account.

Section 5. Expenditures from the “Publicity Account – Sustainable Manlius” shall be by regular motion of the Town Board and majority vote, unless the expenditure is less than \$250.00. If the expenditure is less than \$250.00 it can be made by the Town Manager upon the direction of the Town Supervisor. No more than four (4) such deposits within any fiscal year can be made by the Town Manager without Board approval.

Section 6. Nothing contained herein shall prevent or prohibit the Town Board from creating similar publicity accounts for the Town.

Section 7. Nothing contained herein shall prevent or prohibit the Town Board from appropriating town funds in the Publicity Account to further the goals of Sustainable Manlius, as set forth in Section 64 (14) of the Town Law.

I, ALLISON A. WEBER, Town Clerk of the Town of Manlius, **DO HEREBY CERTIFY** that the preceding Resolution was duly adopted by the Town Board of the Town of Manlius at a regular meeting of the Board duly called and held on the 26th day of May 2021; that said Resolution was entered in the minutes of said meeting; that I have compared the foregoing copy with the original thereof now on file in my office; and that the same is a true and correct transcript of said Resolution and of the whole thereof.

I FURTHER CERTIFY that all members of said Board had due notice of said meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the Town of Manlius, this 26th day of May, 2021.

DATED: May 26, 2021
Fayetteville, New York

Allison A. Weber
Town Clerk of the Town of Manlius
Onondaga County, New York

PREMIUM SUMMARY

Coverage	Expiring	PERMA	PERMA 2 year option	Year Two PERMA Option (If losses <50%)	Comp Alliance	Comp Alliance 2 year option
Workers Comp	\$184,286	\$165,888	\$149,768	\$139,284	\$174,888	\$349,776
Total NYS Assessment	\$14,742	\$14,544	\$14,544	\$14,835	\$14,883	\$14,883
2% Pay In Full Discount	N/A	-\$3,318	-\$2,995	N/A	N/A	N/A
Total	\$199,028	\$177,114	\$161,317	\$154,119	\$189,771	\$364,659

Please Note:

As your insurance representative and at your direction, it is our role to procure insurance proposals on your behalf, to place coverage per your instructions and provide policy service during the policy term.

Insurance companies pay us a sales commission on policies we place with them. The amount we are paid may vary among the insurers we represent. We may receive additional compensation through a contract provision with an insurance company that is contingent on our overall profitability and/or premium volume with the carrier.

At your request, we will provide information on the actual compensation we expect to receive from the sale of insurance policy(s) to you, or what we would have expected to be paid had you selected any alternate quotations that we might have presented to you.