

**AGENDA**  
**TOWN OF POESTENKILL**  
**TOWN BOARD MEETING**  
**September 16, 2021**  
**Meeting will be at the**  
**Town Hall @ 7pm**

Zoom Info  
Meeting ID: 899 4036 5043  
Passcode: 485179

**VOTING MEMBERS**

Supervisor	Keith Hammond
Deputy Supervisor	Eric Wohlleber
Councilman	David Hass
Councilman	Harold Van Slyke
Councilwoman	June Butler

**NON-VOTING MEMBERS**

Town Clerk	Susan Horton
Town Attorney	Jack Casey

**Pledge of Allegiance**

***Audit Committee- Report of the Committee***

**I. Public Comment Period**

The public is invited to make brief comments and/or request information regarding matters of concern to the Town and it's residents. Speakers should clearly identify themselves and at their option provide their home address. Comments should be directed to the Board and cross discussion with other members of the audience is only permitted at the recognition of the Board. A request can be made to speak on an item that is on the agenda when the item comes up for discussion/ consideration by the Board. Your cooperation and courtesy is most appreciated.

**II. Town clerk Minutes-Meeting date(s)**

August 19,2021

**III. Presentation**

None

**IV. Correspondence**

Charter

**V. Liaison Reports**

- A. Planning Board
- B. Zoning Board
- C. Fire Company
- D. Library
- E. Youth Advisory Board
- F. CAC

**VI. Discussion Items**

- A. Kronau PDD
- B. PFOA Update
- C. State Audit
- D. Library Agreement
- E. Chickens
- F. Live Stream Install
- G. Engineer Proposal
- H. Alarm System- Town Hall and Highway
- I. Digital Records Management

**VII. Action Items**

- 1. APPROVAL OF EMMA HERRINGTON AT THE RATE OF \$15 PER HOUR FOR 5 HOURS PER WEEK TO ASSIST TIFFANY**
- 2. RESOLUTION FOR MARGIE MORRIS, LIBRARY DIRECTOR**
- 3. APPROVAL TO PURCHASE WATER METERS**
- 4. PROCLAMATION NATIONAL CONSTITUTION WEEK AND NATIONAL AMERICAN INDIAN HERITAGE MONTH**
- 5. APPROVAL OF LIVE STREAM INSTALL**
- 6. THANK YOU LETTER TO AMBULANCE SERVICES FOR QUICK RESPONSE**

## **VIII. Reports**

- A. Supervisor's Report
- B. Town Attorney's Report
- C. Town Clerk's Report
- D. Assessor's Report
- E. Water Manager /811 Officer/Public Health Coordinator
- F. Building Inspector's Report/ Code Enforcement Report
- G. Dog Control
- H. Town Highway Report

## **IX. Budget Transfers**

### **HIGHWAY-**

That the sum of \$50,000 be transferred to Highway Budget fund line item 25110.1 (General Repairs) from General Budget Fund line item 15010.1 (Highway Superintendent)

That the sum of \$17,385 be transferred to Highway Budget fund line item 25112.2 (Improvements 2) from Highway Budget line item 2-2665 (Sale of Equipment)

### **GENERAL-**

That the sum of \$12,200 be transferred to General Budget fund line item 13620.1 (Code Enforcement) from 13620.11 (Code Enforcement Clerk) in the amount of \$10,200 and 18389.1 (MS4) in the amount of \$2000.

### **WATER-**

That the sum of \$6400 be transferred from Water Budget fund line item 1990.4 (Contingency) to Water Budget fund line item 8310.2 (Billing Equipment)

## **X. Concluding Public Comment Period**

## **XI. Payment of Bills**

## **XII. Adjournment**

### **Reminders**

Auditing Bills 7pm regular business to follow.

October 7<sup>th</sup> at 6pm – Workshop on Zombie Houses, Public Meeting Standards and Decorum Resolution and Budget

October 21<sup>st</sup> at 7pm- Town Board Meeting

II.

TOWN BOARD MINUTES  
TOWN OF POESTENKILL  
TOWN BOARD MEETING  
August 19, 2021  
(Not approved at time of distribution)

ROLL CALL AS FOLLOWS

Councilwoman Butler	Present
Councilman Hass	Present
Councilman Van Slyke	Present (via ZOOM)
Councilman Wohlleber	Present
Supervisor Hammond	Present

NON-VOTING MEMBERS

Susan Horton, Town Clerk
Jack Casey, Town Attorney

Supervisor Hammond led the audience in the Pledge of Allegiance and opened the floor at 7 p.m. He said that this had been a difficult week as several of the Town leadership's family members have serious health situations, including M. Asquith, Administrative Assistant to Supervisor Hammond, whom herself has been taken ill. Supervisor Hammond further stated that tonight's meeting would be closed early, to be followed by an Executive Session to discuss personnel plans and a legal matter. Important items not covered in tonight's meeting would be brought up in another meeting soon. He also stated that there would be a Workshop on October 7<sup>th</sup> starting at 6 p.m. for "Zombie Properties" and at 7:00 p.m. for Budget talks.

Motion by Councilwoman Butler, seconded by Councilman Hass and carried that the bills were audited for payment.

**PUBLIC COMMENT PERIOD** - Supervisor Hammond then opened the floor for comments during the Public Comment Period. Susan Kalafut said that many present tonight are worried about Michelle Asquith and asked what her latest health status was. Supervisor Hammond said that he has been in touch with Michelle's family, but that nothing was new at this time. S. Kalafut also wanted to thank DJ Goyer, Highway Superintendent, and his crew for doing such a great job. Supervisor Hammond expressed his thanks to D. Goyer for the outstanding work that he and his crew did on Hinkle Road, and other roads. Supervisor Hammond then addressed the issue of the \$250,000 which was provided by the Federal Government to the Town for necessary work as a result of the recent storm damage. He said that a town committee was being assembled to determine the best use of the money. He said that based upon the limited responses received from the residents to a questionnaire, it is estimated that the dollars would likely be used for the town's public benefit. In answer to Susan Kalafut's question regarding specific plans for the use of these funds, Supervisor Hammond assured the assembly that the recommended outputs of the committee would be made available to the residents. He stated that the Town is working with Owen Goldfarb, who is experienced in this type of endeavor. Councilwoman Butler said that "cable" is very important and that she would like to see it as a priority item. Supervisor Hammond said that we have not yet received guidelines from the Federal Government. Councilman Hass said that it was important that the residents be informed of information and pending decisions. Supervisor Hammond said that he would see that decisions would be published in The Advertiser. S. Kalafut

said that it was crucial that the Town be communicative on this issue. Supervisor Hammond said, "when we have information we will reach out to the community, I promise".

Leanne Ricchiuti, Town resident, spent considerable time discussing the intolerable situation concerning their neighbor's unleashed dogs on Tymeson Road. There have recently been two very severe incidents involving these dogs coming onto their property and "going after" their young child and one incident so severe that her husband had to run away and jump into his car because he was fearful of being attacked and bitten. She stated that this has been going on for a long time and that she has brought this issue up to the Town in the past, but despite the neighbor's promises, nothing has improved. Supervisor Hammond said that he is aware of the issue and has personally been up to see the situation. Councilman Wohlleber then related his personal involvement with the neighbor's constant property violations but realized the ineffectiveness of past Town attempts. Leanne said that Bob Guyer, (Animal Control Officer) has been involved several times and is grateful for his help, but the situation is not getting any better. It was determined that Councilman Wohlleber would involve Tracy Church, Code Enforcement Officer, and they would do a home visit and that the Town would stay involved until the issue is resolved, with the full support of the Town Supervisor. Susan Kalafut stressed the importance of the Health and Welfare of the residents, particularly with young children living there.

Scott Bidwell, Deer Creek resident inquired about the status of the proposed Kronau PDD. Supervisor Hammond said that it was "on hold" awaiting answers from Mr. Kronau. Mr. Bidwell requested that he be notified when the next meeting was scheduled.

Motion by Councilwoman Butler, seconded by Councilman Hass and carried to accept to the Town Clerk's minutes of July 15, 2021, as written.

**Correspondence:**

Charter Communications – Memos dated July 19, 2021, and July 23, 2021, from Charter Communications regarding upcoming changes to their service. Also, an advertisement from Main-Care regarding their offering of free inspections of basements.

**Liaison Reports:**

Planning Board – Tom Russell, Planning Board member reported on the activities of the Planning Board. This included the pending 8 Lot Major Subdivision on Cooper Hill Road and their approval of Thomas Cooley's 2 Lot Minor Subdivision.

Zoning Board – Susan Kalafut, ZBA member reported that there was no meeting of the Zoning Board this month.

Fire Company – Town Board members had copies of the Fire Company's July 2021 report. D. Basle, Assistant Chief, reported that the recent Car Show was very successful and that 226 cars showed up.

Library – M. Wait reported that everything was going well, and that Market Day is scheduled for September 11<sup>th</sup>. She said that the library's 20<sup>th</sup> Anniversary celebration was scheduled for September 18<sup>th</sup>.

Youth Advisory Board-Youth Director, Tiffany Buker reported that the Summer Camp had successfully completed for this year. She said that she was very proud of the kids for their involvement and behavior. Supervisor Hammond was very complimentary and stated that this was the largest Summer Camp we have ever had and that it benefitted financially because Poestenkill was combined with Sand Lake.

CAC- no meeting

**Discussion Items:**

PFOA Update - Robert Brunet, Water Manger provided an update on the PFOA situation at the Algonquin Beach Middle School. Ultimately, R. Brunet stated that the decision of connecting to our Municipal Water System or use Granular Activated Charcoal (GAC) Filters has not yet been announced but that he believed that they might select the GAC alternative due to its' faster implementation and lower initial cost. Bob said that, in his opinion, the better option would be to connect to the Municipal Water system because the water comes from Troy and Troy gets its' water from a ground source (the Tomhannock Reservoir) which is more resistive to PFOA's. He said that his opinion is supported by other experts from various health organizations, including the EPA. He sees the GAC as a temporary fix which will likely have to be "re-thought" when the EPA extends guidance and requirements for PFOA's and "Novel" PFOA compounds. Bob discussed the status of the 10 homes being tested at the expense of the NYSDOH. He said that testing would be completed next week and that the test results would be available in about three weeks and that he would make the results public on the Poestenkill Town Website at that time. He said that pending the results, he has plans to further pursue this subject including the need for expanded testing and other follow-thru actions. He said that Judith Enck (a former EPA Administrator) has reinforced this argument in a recently published article regarding Hoosick Falls. Judith understands that the ground source water supply from the Tomhannock Reservoir is superior to GAC's with respect to PFOA's. Bob clearly believes that the school should connect to Troy water, as Poestenkill does. Supervisor Hammond said that he agreed that the school should tie into our water system. Bob said that he hated to see the school make the wrong decision. Bob reiterated that grants are available from President Biden's Safe Water efforts. He further stated that he had spoken with Chris Wheland (Troy Public Utilities Director) and that Chris offered to provide help to the school or to Poestenkill in applying for grants if it would be helpful to us. Chris recently obtained a \$20 million grant to replace two large pipes (30' and 33') from the reservoir to the Troy Water Plant with two 36" pipes.

A continuation from last month's meeting of Jake Brakes, excessive motorcycle noise (intentionally so), and excessive speeds was discussed. Although placing signs around town was discussed, the general opinion was that it would not be effective. Jack Casey, Town Attorney, said that it was impossible to regulate Jake Brakes. It was decided that Supervisor Hammond would send out the appropriate letters to local trucking companies asking for their cooperation.

DJ Goyer, Highway Superintendent informed the Board that Tom Fields, our current Town Engineer, was retiring at the end of the year and that Wayne Bonesteel was well qualified and was willing to do this job when it became available. Supervisor Hammond stated that Mr. Bonesteel will have to send in his qualifications to be reviewed by the Board.

**Action Items:** no action items

**Reports:**

Supervisor's Report-Supervisor Hammond said it has been a busy month and that he has been working on numerous issues, including a recent issue on Snyders Corner Road. Supervisor Hammond thanked T. Church, Building Inspector/Code Enforcement Officer, for all his work involving the home on Snyders Corner Rd.

Town Attorney Report – Jack Casey said that he has been involved in many items including working with Tracy Church on numerous code enforcement cases.

Town Clerk's Report – Motion by Councilman Wohlleber, seconded by Councilman Hass and an oral vote of 5 ayes to accept the Town Clerk's report of July 2021. The total amount received in the Clerk's office was \$25,246.91 and of that amount \$24,998.95 was remitted to the Supervisor. Town Board members had copies of the Building Inspector/Code Enforcement Officer's written report. There were also reports from the Assessor, DCO, 811/Water report and the Highway Dept. report.

**Concluding Public Comment Period** – Supervisor Hammond again thanked everyone for “pulling together” during this troubled time.

**Payment of Bills:**

Motion by Councilman Hass, seconded by Councilwoman Butler and an oral vote of 5 ayes to pay Warrant #18-2021 in the amount of \$86,565.09. Motion by Councilman Hass, seconded by Councilwoman Butler and an oral vote of 5 ayes to pay Warrant #19-2021 in the amount of \$8,206.77.

Motion by Supervisor Hammond, seconded by Councilman Hass and carried to enter into Executive Session at 8:10 p.m. to discuss a personnel issue and a legal issue. Motion by Councilman Hass, seconded by Councilman Van Slyke and carried to exit from Executive Session at 8:50 p.m.

The Board discussed the need to temporarily fill M. Asquith's duties and it was decided to place Tiffany Buker in that position. Motion by Councilman Wohlleber, seconded by Councilwoman Butler to pay Tiffany Buker, up to 30 hrs. per week at a rate of pay of \$27.39 per hour to be paid monthly.

Motion by Wohlleber, seconded by Butler, and carried to adjourn this meeting at 9:10 p.m.

Respectfully submitted,

  
Susan Horton  
Town Clerk



IV.1

Kevin Egan  
Director of Government Affairs

August 27, 2021

Re: Charter Communications – Upcoming Changes

Dear Municipal Official:

Spectrum Northeast, LLC, (“Spectrum”), is noticing its customers that on or around September 27, 2021, Great American Country will rebrand to GAC Family on channel 295 on the channel lineup serving your community.

For a complete channel lineup, visit [www.spectrum.com/channels](http://www.spectrum.com/channels).

If you have any questions about this matter, please feel free to contact me at 518-640-8575 or via email at [kevin.egan@charter.com](mailto:kevin.egan@charter.com).

Sincerely,

Kevin Egan  
Director, Government Affairs  
Charter Communications





IV. 2

Kevin Egan  
Director of Government Affairs

August 27, 2021

Re: Charter Communications – Upcoming Changes

Dear Municipal Official:

This letter will serve as notice that on or around September 27, 2021, Spectrum Northeast, LLC, (“Spectrum”), will launch POP on Spectrum TV Stream/Spectrum TV Lifestyle/ on channel 175 on the channel lineup serving your community.

This letter will serve as notice that on or around September 27, 2021, Spectrum Northeast, LLC, (“Spectrum”), will launch the Smithsonian Channel on Spectrum TV Stream/Spectrum TV Lifestyle on channel 131 on the channel lineup serving your community.

This letter will serve as notice that on or around September 27, 2021, Spectrum Northeast, LLC, (“Spectrum”), will launch CBS Sports on Spectrum Choice 15 on channel 315 on the channel lineup serving your community.

For a complete channel lineup, visit [www.spectrum.com/channels](http://www.spectrum.com/channels).

If you have any questions about this matter, please feel free to contact me at 518-640-8575 or via email at [kevin.egan@charter.com](mailto:kevin.egan@charter.com).

Sincerely,

Kevin Egan  
Director, Government Affairs  
Charter Communications



**Planning Board**

**TOWN OF POESTENKILL**

38 Davis Drive / P.O. Box 210  
Poestenkill, NY 12140  
(518) 283-5100 Phone  
(518) 283-7550 Fax

V.A

**PLANNING BOARD AGENDA**

**September 7, 2021, 7:00 pm**

**MEETING IS CANCELLED**



**Zoning Board**

**TOWN OF POESTENKILL**

38 Davis Drive / P.O. Box 210

Poestenkill, NY 12140

(518) 283-5100 Phone

(518) 283-7550 Fax

V.B

**ZONING BOARD AGENDA**

**September 14, 2021, 7:00 pm**

**MEETING IS CANCELLED**

Poestenkill Fire Company  
Custom Summary Report  
August 2021

V.C

	Aug 21
Income	
Transfer From Town Checking	-50,000.00
<b>Total Income</b>	<b>-50,000.00</b>
<b>Gross Profit</b>	<b>-50,000.00</b>
Expense	
Building Maintance	
Main Station	293.59
Refuse	78.20
<b>Total Building Maintance</b>	<b>371.79</b>
Electric	
East Poestenkill	22.70
Main Station	21.02
<b>Total Electric</b>	<b>43.72</b>
Equipment	
New Equipment	267.77
Repair & Maintance	343.00
<b>Total Equipment</b>	<b>610.77</b>
Fire Trucks	
Fuel	620.57
Repair & Maintance	83.36
<b>Total Fire Trucks</b>	<b>703.93</b>
food	45.30
Internet & Phone	113.75
Medical Supplies	1,570.11
Office Supplies	
Postage	110.00
Office Supplies - Other	99.98
<b>Total Office Supplies</b>	<b>209.98</b>
Professional Services	1,000.00
Security Alarm	65.00
Solar	514.00
Telephone	
East Poestenkill	44.59
Main Station	61.63
<b>Total Telephone</b>	<b>106.22</b>
<b>Total Expense</b>	<b>5,354.57</b>
<b>Net income</b>	<b>-55,354.57</b>

VI. A1

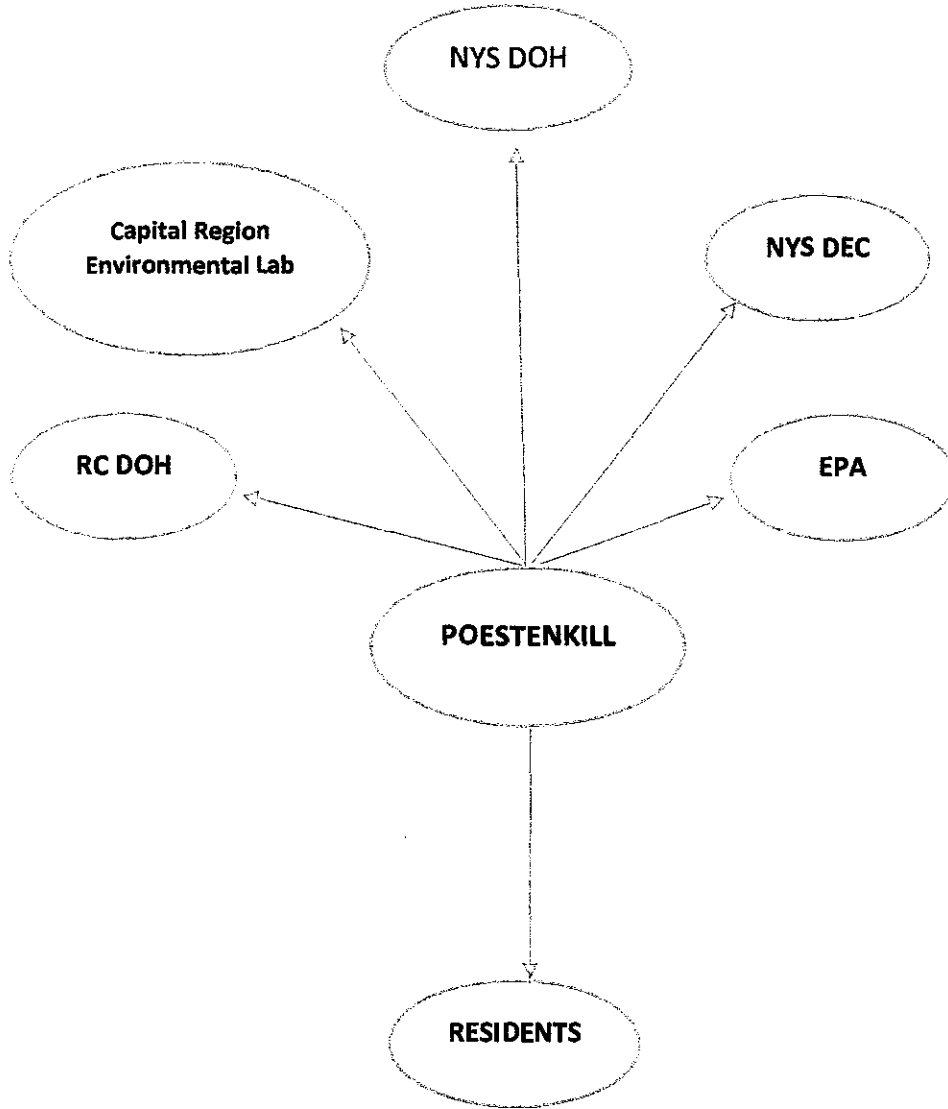
Keith, Enclosed are some photos of the future townhomes you requested for the PDD. As we have not as of yet employed an architect these will show a style that we feel will fit with our town to give a flavor of the buildings. These show two story homes however we will also include one story plans for seniors. The market will probably dictate how many of each design would be built. Upon the recommendation of the project to the Planning Board we will start designing the site plans and the building plans as well.

As we have met with RCHD and DOT who feel the project is viable we now are asking for acceptance for the project to move forward. Kindly let me know if there any further considerations that would prevent the above action to move forward.

I thank you for your consideration and assume you will share this information with the town board.

Kevin Kronau

# COORDINATION



**OUTLINE:****RESIDENTS  
WANT TO KNOW:**

WHAT ARE THE PROBLEMS AND HOW SERIOUS ARE THEY?  
WHAT IS BEING DONE TO FIND THE CAUSE AND FIX THE SITUATION?

**INFORMATION INPUTS:**

TOWN WEBSITE  
ALBANY TIMES UNION, THE ADVERTISER  
CALLS & E-MAILS TO TOWN HALL

**THE SITUATION & SOLUTIONS:**

PFOA/PFOS & 1,4 DIOXINS (TODAY! – TOMORROW MORE!)  
GAC, TROY WATER, UV TREATMENT

**PROBLEMS:**

INFORMATION TO PUBLIC  
WE ARE IN THE EARLY STAGES – NO MAJOR DECISIONS YET  
POLITICS – SOME WANT TO “CONTROL” INFORMATION  
MANY WANT TO “GO THEIR OWN WAY”  
WE DO NOT YET KNOW THE CAUSE

**SOLUTIONS:**

SHORT TERM: TESTING, GAC, BOTTLED WATER  
LONGER TERM: TROY WATER CONNECTION (SURFACE WATER SUPPLY)  
EPA GRANTS – CLEAN WATER ACT

**CONCLUSIONS:**

WE HAVE THE “RIGHT” PEOPLE AND ORGANIZATIONS IN PLACE – BE  
SUPPORTIVE AND LET THEM DO THEIR WORK  
THIS WILL TAKE TIME  
FOCUS ON CONSISTENT INFORMATION  
ADDRESS SHORT- & LONG-TERM SOLUTIONS -MY RECOMMENDATIONS

## Comments from the Auditor (As of 9/7/2021)

## Policies To Be Created/Reviewed

- Computer Use - should be looked at, reviewed. Computer Use Policy looks to last be done in 2011.
  - Email Policy- Created
- Credit Card Policy- created
- Benefits Policy
  - Standard Work Day, ROA
  - Full Time, Part Time Definitions
  - Paid or Unpaid lunch should be stated
  - Sick, Personnel, Vacation Time- what can be accumulated each year, pay back of time (all times or certain circumstances).
- Purchasing Procurement Policy- needs to be reviewed yearly and included in meeting minutes
- Investment Policy- needs to be reviewed yearly and included in meeting minutes
- Code of Ethics- reviewed yearly
- Breach Notification Policy- Law in 2007, procedures for town employees and town residents

## Retirement

- Standard Work Day- reviewed yearly
  - Work Day should be the same for the same position
- ROA (any salary employees)
- Any changes should be done in a resolution



**Library Lease Agreement  
DRAFT**

This Lease Agreement is effective as of the 1st day of January, 2022 between the Town of Poestenkill, a municipal corporation and political and geographic subdivision of the County of Rensselaer, State of New York, having offices at the Poestenkill Town Hall on Davis Drive in the Town of Poestenkill (hereinafter the "Lessor") and the **Poestenkill Library**, an education corporation duly chartered by the Regents of the State of New York, and having offices at the Poestenkill Library Building located on 9 Plank Road in the Town of Poestenkill (hereinafter the "Lessee").

**1. Premises**

Lessor hereby rents to Lessee and Lessee hereby accepts in its present condition, the Building located at 9 Plank Road, Poestenkill, New York. For purposes of this Lease, "Building" includes external porches, steps, front walk and access ramp. It does not include surrounding lawn, land, parking lot or fences. The foregoing notwithstanding, the Lessee shall also be entitled to the use of the parking facilities for its officers, employees, volunteers, patrons and invitees during such times and to such extent as may be reasonably necessary for the operation, maintenance and use of the Building for library purposes.

**2. Term**

The term of this Lease shall start on January 1, 2022 and shall extend through December 31, 2022. Provided that the Lessee substantially complies with the terms and conditions of this Lease and provided further that the Lessee dutifully and satisfactorily continues to supply library services to the Town and its residents. ~~as set forth in the separate annual Library Services Agreement between the parties hereto,~~ This Lease shall be renewable annually for a term of one year at the option of the Lessee for a total of twenty (20) years from the inception of the initial lease (i.e., through December 31, 2041). Subject to the foregoing, each year during said twenty year period the Lessee shall be deemed to have exercised its option to renew this Lease for the following year unless the Lessee gives to the Lessor written notice no later than September 1 of the Lessee's intent to not renew for the following calendar year. After December 31, 2041, the Lease may be renewed for such period and upon such terms as might be then agreed upon and duly memorialized by the parties.

**3. Rent**

Lessee agrees to pay Lessor, without demand, as rent for the premises, the sum of ONE DOLLAR (\$1.00) per year, payable in January of each year, together with other good and valuable consideration, including especially the providing of library services to the residents of the Town. ~~as described and set forth in a separate annual Library Services Agreement between the parties hereto,~~

#### **4. Use of the premises**

The Building shall be used exclusively as a public library. Neither the Building nor any part of the Building shall be used at any time during the term of this Lease for the purpose of carrying on any business, profession, or trade of any kind.

#### **5. Condition of the Premises**

Lessee acknowledges that Lessee examined the Building at the time it was first leased and that it was, at that time, in good order and good repair, and in a safe, clean and usable condition. Except as to items which are specifically prescribed herein to be the responsibility of the Lessor, all responsibility for maintaining the Building in good order and good repair and in a safe, clean and usable condition shall hereafter be that of the Lessee.

#### **6. Assignment and Subletting**

Lessee shall not assign this Lease, or sublet or grant any concession or license to use the Building or any part of the Building, without Lessor's prior written consent.

#### **7. Alterations and Improvements**

A. Lessee shall make no alterations to the Building or construct any addition or make other improvements without the prior written consent of the Lessor.

B. Any alterations, changes and improvements built, constructed or placed on or around the Building by the Lessee, with the exception of fixtures properly removable without damage to the Building and movable personal property, shall, unless otherwise provided by written agreement between the Lessor and the Lessee, become the property of the Lessor and remain at the expiration or earlier termination of this Lease.

#### **8. Damage to the Premises**

If the Building, or any part of the Building, shall be partially or fully damaged or destroyed by fire or other casualty, the Lessor shall decide whether or not to rebuild or repair the Building. If Lessor shall decide not to rebuild or repair, the term of this Lease shall end.

#### **9. Dangerous Materials**

Lessee shall not keep or have in or around the Building any article, substance or thing of a dangerous, inflammable or explosive character that might unreasonably increase the danger of fire in or around the Building or that might be considered hazardous.

#### **10. Utilities**

Lessee shall be solely responsible for arranging and paying for fuel oil and electrical service to the Building and any and all other utility services required or desired by the Lessee. Any such services shall be transferred to, initiated or maintained in the name of the Lessee which shall

not default on any obligation to a utility provider for utility services at the Building. Any breach of this requirement shall be deemed a substantial breach of this Lease justifying termination thereof by the Lessor.

### **11. Maintenance and Repair**

A. Lessor shall be responsible for the maintenance and repair of the Building's mechanical and electrical systems (furnace, air conditioner, fixed electric wiring, plumbing, well and septic system) exterior painting and roof repair. Lessor shall maintain the land, lawn, parking lot and fences including grass and shrubbery trimming and snow removal from the parking lot and access ramp. **Add path to back door (second/emergency exit)?**

B. Lessee shall keep and maintain the Building and appurtenances in good and sanitary condition and repair during the term of this Lease. In particular Lessee shall keep the fixtures in the Building in good order and repair and keep the porches and steps free of dirt and debris.

C. Lessee shall make all required repairs to the plumbing and electric fixtures, other mechanical devices and systems, floors, ceilings and walls whenever damage to such items shall have resulted from Lessee's misuse, waste or neglect, or that of Lessee's agent or visitor.

D. Lessee agrees that no signs shall be placed on or visible from the exterior of the Building or painting done on or about the Building without Lessor's prior written consent.

E. Lessee agrees to promptly notify Lessor in the event of any damage, defect or destruction of the Building, or the failure of any of Lessor's appliances or mechanical systems, and except for repairs that are the obligation of Lessee pursuant to Subsection C above, Lessor shall, subject to the terms of Section 8 above, use its best efforts to repair or replace such damaged or defective area, appliance or mechanical system,

### **12. Animals**

Lessee shall keep no domestic or other animals in or about the Building without prior written consent of Lessor.

### **13. Right of Inspection**

Lessor and Lessor's agents shall have the right at all reasonable times during the term of this Lease and any renewal of this Lease to enter the Building for the purpose of inspecting the premises and/or making any repairs to the premises or other item as required under this Lease.

### **14. Holdover by Lessee**

Should Lessee remain in possession of the Building with the consent of Lessor after the expiration of the term of this Lease, a new tenancy from month to month shall be created which shall be subject to all the terms and conditions of this Lease, but shall be terminable on

thirty (30) days notice by either party or longer notice if required by law. Is this language necessary?

#### **15. Surrender of Premises**

At the expiration of this Lease, Lessee shall quit and surrender the Building in as good condition as it was at the commencement of this Lease, reasonable wear and tear and damages by the elements excepted.

#### **16. Abandonment**

If at any time during the term of this Lease, Lessee abandons the Building, Lessor may enter the Building by any means without liability to Lessee for damages. Lessor may dispose of any of Lessee's abandoned personal property as Lessor deems appropriate, without liability to Lessee. Lessor is entitled to presume that Lessee has abandoned the Building if Lessee removes substantially all of Lessee's furnishings from the Building, if the Building is unoccupied for a period of four (4) consecutive weeks, or if it would otherwise be reasonable for Lessor to presume under the circumstances that Lessee has abandoned the Building. Lessor shall provide the Lessee with written notice of the Lessor's intent to treat the Building or the contents thereof as abandoned, with such notice directed and given as provided in Paragraph 24 hereof.

#### **17. Renewal**

This lease may be renewed with the same or different terms and conditions by agreement between the parties. Notice of desire to renew beyond December 31, 2041 must be delivered by the Lessee to the Lessor at least 120 days prior to said date. If timely notice is delivered, the Lessor will not enter into a lease with a different party without first giving the Lessee the opportunity to negotiate a renewal lease agreement.

#### **18. Security**

Lessee acknowledges that Lessor provides a security alarm system for the Building but that such alarm system is not represented or warranted to be complete in all respects or to protect Lessee from all harm. Lessee hereby releases Lessor from any loss, suit, claim, charge, damage or injury resulting from lack of security or failure of security.

#### **19. Insurance**

A. Lessee acknowledges that Lessor will not provide insurance coverage for Lessee's property, nor shall Lessor be responsible for any loss of Lessee's property, whether by theft, fire, flood, act of God, or otherwise.

B. Lessee will maintain liability insurance which names Lessor as an additional insured. Any such policy shall be from an A.M. Best rated "secured" New York State licensed insurer; contain a 30-day notice of cancellation, and state that the coverage shall be primary coverage for the Town of Poestenkill, its Board, officials, employees and volunteers.

- C. Lessee agrees to indemnify the Town of Poestenkill for any applicable deductibles.
- D. Required insurance shall include general premises liability insurance in the amount of \$1,000,000 per occurrence/\$2,000,000 aggregate, and statutory workers' compensation and employers' liability insurance for all of the Lessee's employees.
- E. Lessee acknowledges that failure to obtain or maintain such insurance on behalf of the Town of Poestenkill constitutes a material breach of contract and subjects Lessee to liability for damages, indemnification and all other legal remedies available to the Town of Poestenkill. Lessee is to annually provide Lessor with a certificate of insurance, evidencing that the above requirements have been met. The failure of the Lessor to object to the contents of the certificate of insurance or the absence of same shall not be deemed a waiver of any and all rights held by the Town of Poestenkill.
- F. The presence; or absence of insurance as provided above notwithstanding, and to the fullest extent provided by law, the Lessee shall indemnify, hold harmless and defend the Lessor Town of Poestenkill against any and all losses, claims, actions, demands, damages, liabilities, or expenses, including but not limited to attorney's fees and all other costs of defense, by reason of the liability imposed by law or otherwise upon the Town of Poestenkill for damages because of bodily injuries, including death, at any time resulting therefrom, sustained by any person or persons, including Lessor's or Lessee's employees or volunteers, or on account of damages to property, including loss of use thereof, arising directly or indirectly from the Lessee's use and occupancy of the premises or from any acts or omissions on the part of the Lessee, its employees, agents, representatives, volunteers, patrons or invitees. If such indemnity is made void or otherwise impaired by any law controlling the construction thereof, such indemnity shall be deemed to conform to the indemnity permitted by law, so as to require indemnification, in whole or in part, to the fullest extent permitted by law. The indemnity provided by requirements contained herein shall be in addition to and not in limitation upon any rights of common law indemnity.

## **20. Binding Effect**

The covenants and conditions contained in this Lease shall apply to and bind the legal representatives and permitted assigns of the parties,

## **21. Governing Law**

This Lease shall be governed by, construed and enforced in accordance with the laws of the State of New York

## **22. Severability**

If any part or parts of this Lease shall be held to be unenforceable for any reason, the remainder of this Lease shall continue in full force and effect.

## **23. Entire Agreement**

This Lease shall constitute the entire agreement between the parties. Any prior understanding or representation of any kind preceding the date of this Lease is hereby superseded. This Lease may be modified only in writing signed by both Lessor and Lessee.

**24. Notices**

Any notice required or otherwise given pursuant to this Lease shall be in writing and either delivered or mailed, as follows: if to Lessee, via hand delivery to an officer or agent of the Lessee at the Building, or via certified mail, return receipt requested, to the Poestenkill Library, P.O. Box 305, Poestenkill, New York 12140, and if to Lessor, via hand delivery to an officer or agent of the Lessor at the Poestenkill Town Hall, or via certified mail, return receipt requested, to the Poestenkill Town Supervisor, P.O. Box 210, Poestenkill, New York 12140. Each party shall immediately notify the other in writing of any change of mailing address for purpose of receiving any such notice and failure to do so shall operate as a waiver of any defense based upon said party's claimed failure to receive a notice sent to said party's last reported address,

In Witness Whereof, the parties have caused this Lease to be executed the day and year first written above.

Poestenkill Library (Lessee)

Town of Poestenkill (Lessor)

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

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

STATE OF NEW YORK  
COUNTY OF RENSSELAER

On this \_\_ day of January, Two Thousand Twenty, before me, the undersigned, personally appeared

Town Supervisor

*personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person(s) on behalf of which the individual acted, executed the instrument.*

STATE OF NEW YORK  
COUNTY OF RENSSELAER

On this \_ day of January, Two Thousand Twenty, before me, the undersigned, personally appeared

Library Board President

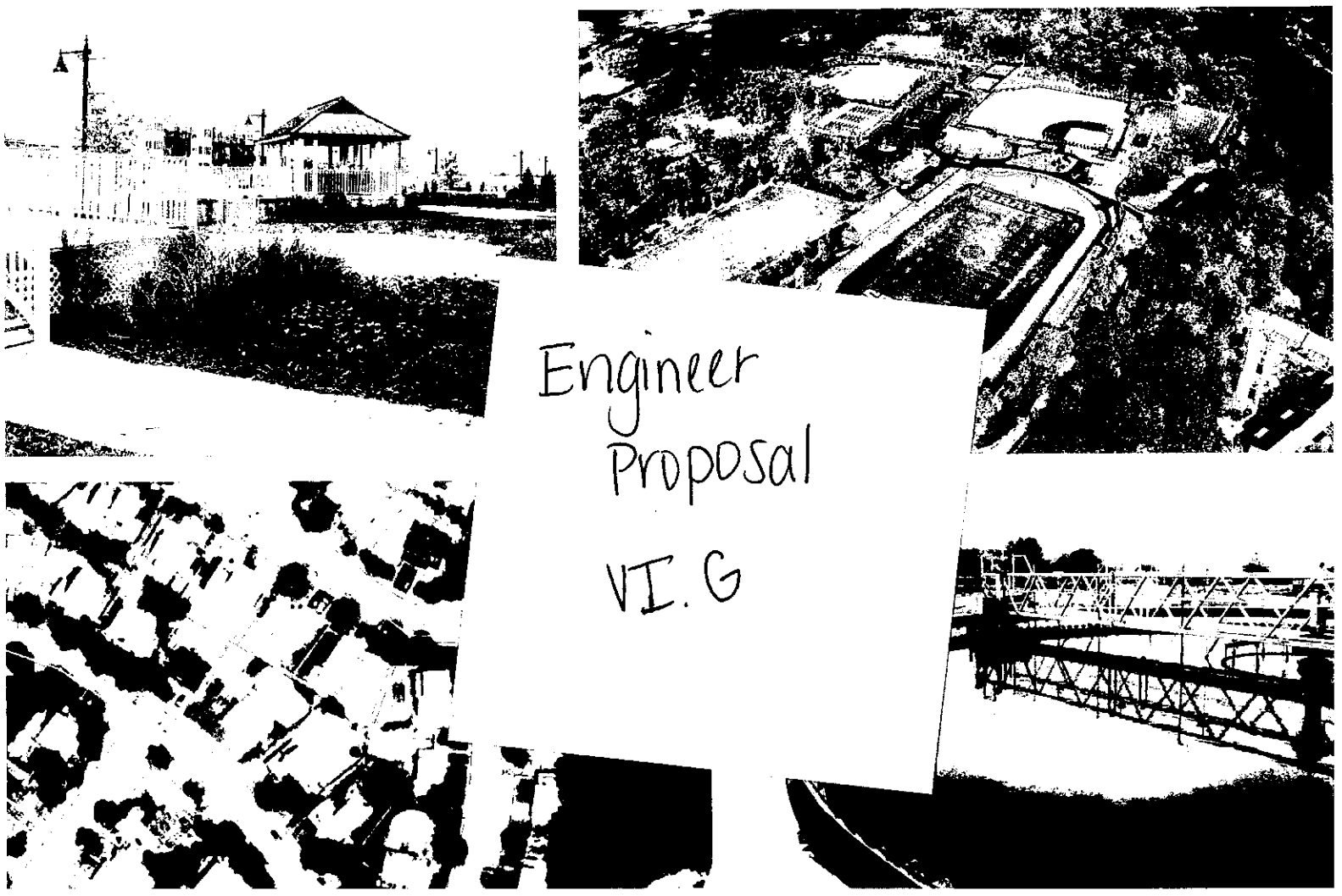
personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her capacity, and that by his/her signature on the instrument,

VI.07

the individual, or the person(s) on behalf of which the individual acted, executed the instrument.

—

Notary Public



Engineer  
Proposal  
VI. G



Engineering  
& Design

Prepared For  
Keith Hammond, Town Supervisor  
Town of Poestenkill  
38 Davis Drive  
Poestenkill, NY 12140

**Town of Poestenkill**  
**Town Designated Engineering Services**

Wayne Bonesteel, PE

09/03/2021 Proposal No. 21005116P 18 Computer Drive East, Suite 203, Albany, NY 12205

Maser Consulting is now Colliers Engineering & Design



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Section 1  
Cover Letter

September 3, 2021

Town of Poestenkill, Keith Hammond, Town Supervisor  
Poestenkill Town Hall  
38 Davis Place  
Poestenkill, NY 12140

Request for Professional Engineering Services  
Town of Poestenkill TDE Services  
Colliers Engineering & Design Project No. 21005116P

Dear Mr. Hammond,

Collier's Engineering & Design is an award-winning firm with a team of experienced professionals who have provided engineering and related consulting services to municipalities, counties, and authorities since 1984. Our firm takes great pride in our work, and we are pleased to have the opportunity to submit our qualifications to the Town of Poestenkill.

With divisions that provide services that include Public & Municipal Engineering and Planning, Environmental & Ecological Services, GIS/Asset Management Services, Land Surveying, Landscape Architecture, Traffic & Transportation Engineering, Water & Wastewater Engineering, and Construction Administration, Collier's Engineering & Design can provide unmatched expertise, technology, and methodology. Having all these services available to the Town of Poestenkill under *one umbrella* ensures that every assignment will be completed in the most efficient and cost-effective manner possible.

I, **Wayne E. Bonesteel, PE**, will serve as the point of contact to the Town. I have over 35 years of experience in municipal engineering, design, and inspection services. I was the Rensselaer County Engineer for 8 1/2 years and served the Town of Brunswick as the Planning Board Review Engineer since June 2013. I am available 24/7 and just a phone call away.

As you review our submittal, you will find our firm to possess the specific expertise and capabilities necessary to meet the needs and requirements of the Town of Poestenkill. We will provide all the services required by the Town with the support of our multi-discipline professionals as needed. We can assist the Town with issues requiring engineering guidance which may include response to red flags from bridge inspections, SEQR review and environmental permitting, technical issues with stormwater and sanitary sewers, bridge and road maintenance, and facilities maintenance.

On behalf of Colliers Engineering & Design, I would like to thank you in advance for your time and consideration. If there are any questions or further information is required, please feel free to contact me by cell phone at 518-527-5705 or by e-mail at [wayne.bonesteel@colliersengineering.com](mailto:wayne.bonesteel@colliersengineering.com).



Engineering  
& Design

Sincerely,

Colliers Engineering & Design CT, P.C.  
(DBA Maser Consulting Engineering & Land Surveying)

A handwritten signature in black ink that reads "Wayne E. Bonesteel".

Wayne E. Bonesteel, PE  
Senior Project Manager

Section 2  
Personnel

**Wayne E. Bonesteel, PE**

Associate | Senior Project Manager | Bridges &amp; Structures

**Education**

B. T. Civil Engineering,  
Rochester Institute of  
Technology, 1985

A.A.S. Civil Technology, Hudson  
Valley Community College,  
1982

**Professional Registrations**

Professional Engineer (PE)  
New York, Connecticut,  
Massachusetts

**Affiliations or Memberships**

American Society of Highway  
Engineers, Albany, NY Chapter  
Second Vice President  
Board of Director

American Public Works  
Association, Capital District NY  
Chapter

Capital District Future City  
Competition, Albany, NY Region  
Steering Committee  
Fundraising Chair

**Experience**

Mr. Bonesteel has over three decades of experience providing both public and private engineering services. He is experienced in design, project management, and construction administration for a wide variety of engineering projects for state agencies, municipalities, developers, and public utility companies. He has been involved with numerous transportation, municipal, and private development projects that included bridge and highway design and construction, water and wastewater design, stormwater management, permitting, and site design and planning.

As Rensselaer County Engineer, Mr. Bonesteel managed a multi-million-dollar annual operations budget which included highway and bridge maintenance, equipment/vehicle maintenance, dam maintenance, and facilities maintenance. He also managed a significant capital program that included reconstruction and rehabilitation of highways, bridges, and buildings. He was the MS4 (Municipal Separate Storm Sewer Systems) Stormwater Coordinator responsible for SWPPP (Storm Water Pollution Prevention Plan) review, staff training, and annual reporting of MS4 activities such as Best Management Practices and Illicit Discharge Detection Elimination.

Mr. Bonesteel's experience as the director of a municipal highway and engineering department gives him a unique perspective and understanding of the needs of municipal clients. He is an expert in the management of infrastructure maintenance, disaster recovery (FEMA projects), and administering locally-funded and locally-administered federal-aid projects. Mr. Bonesteel also has experience as a Town Designated Engineer reviewing site plans, subdivision plans, and special use permit applications for the Town of Brunswick, NY. This included reviews of SWPPP reports, traffic reports, completed SEQR forms and engineering reports submitted to the Brunswick Planning Board.

**Current Appointments**

Town of Sand Lake, Municipal Engineer, Stormwater Management  
Consultant

Town of Brunswick, Municipal and Board Engineer

**Resume****Representative Projects****Municipal Bridge Engineer****Town of Berlin, Rensselaer County, NY**

Project Manager for structural repair design for the Satterlee Hollow Bridge over the Little Hoosic River. The project was necessary due to structural red flags on the bridge as a result of biennial inspections. Details were provided to the Town which will correct the deficiencies identified at the deck floor beams and stringers. Project Manager for hydraulic analysis and sizing of a culvert for the Mattison Hollow Road crossing of the Kronk Brook in the Town of Berlin. The analysis was performed as part of the permitting process to the New York State Department of Environmental Conservation (NYSDEC).

**Municipal Engineer & Planning Board Engineer****Town of Brunswick, Rensselaer County, NY**

As Municipal and Planning Board Engineer, Mr. Bonesteel reviews site plans, subdivision plans, and special use permit applications for the Town of Brunswick, NY. This included reviews of SWPPP reports, traffic reports, completed SEQR forms and engineering reports submitted to the Brunswick Planning Board. Mr. Bonesteel regularly attends the Town's planning board meetings and public hearings. In doing so, he provides Town officials with personal expert guidance and perspective on Town business with respect to civil/municipal engineering; zoning; traffic; site improvement standards; and other elements that impact Brunswick.

**On-Call Municipal Engineer and Stormwater Management Consultant****Town of Sand Lake, Rensselaer County, NY**

As Municipal Engineer, Mr. Bonesteel provides guidance to the Town of Sand Lake for the Town's MS4 Compliance and Stormwater Management Plan implementation. Mr. Bonesteel assists the Town with SWPPP review, annual reports, grant administration, permitting, and general engineering tasks. Attends Town Board meetings periodically to provide the public information on engineering projects in Town.

**Replacement of Stop 13 Road Bridge over the Wynantskill****Town of Sand Lake, Rensselaer County, NY**

Senior Project Manager responsible for project design development and design report for this bridge project for the Town of Sand Lake. The project includes the development of design alternatives, completion of hydraulic studies, topographic and ROW survey and mapping, structures design, cost estimating, plans and specifications. This is a federally funded, locally administered (LDSA) project in NYSDOT Region 1.

**Replacement of Morner Road Culvert over Mill Creek****Town of East Greenbush, Rensselaer County, NY**

Senior Project Manager responsible for project design development and design report for this Bridge project for the East Greenbush. The project includes the development of design alternatives, completion of hydraulic studies, topographic and ROW survey and mapping, structures design, cost estimating, plans and specifications. This is a State funded, locally administered project in NYSDOT Region 1.



**Daniel Farnan, PE, CPESC, CPSWQ**

Senior Associate | Project Manager | Structural

Resume

**Education**

B.S. Civil Engineering  
Technology, Rochester Institute  
of Technology, 2007

A.A.S. Civil Engineering  
Technology, Hudson Valley  
Community College, 2004

**Professional Registrations**

Professional Engineer (PE) New  
York, New Jersey, Vermont

Certified Professional in  
Erosion and Sediment Control  
(CPESC)

Certified Professional in  
Stormwater Quality (CPSWQ)

**Affiliations or Memberships**

American Society of Civil  
Engineers

American Society of Highway  
Engineers

**Experience**

Mr. Farnan has 11 years of experience in civil engineering, concentrated in the areas of bridge and highway projects, site development, stormwater management design, and Storm Water Pollution Prevention Plans (SWPPPs). He is experienced in conceptual, preliminary, and final design and the preparation of contract drawings and construction specifications associated with highway and bridge designs. During his years in the industry, Mr. Farnan has worked closely with NYSDOT and many county agencies throughout New York.

His civil and highway design experience includes vertical and horizontal alignments, roadway drainage, and guide rail and pavement design. His experience includes preparation of design reports in accordance with various agency standards, preparation of contract plans, specification writing tasks, and project coordination. Mr. Farnan is also proficient in various roadway and hydraulic design software including Autodesk Civil 3D, HydroCAD, HEC-RAS, and HEC-18.

In addition, Mr. Farnan has helped manage the civil/site portions of various energy and utility sector projects, such as solar farms, substations, and wind farms in New York. He is involved in obtaining permits from regulatory authorities for various construction methods and project needs. These projects involve working with numerous municipalities throughout the Upper Hudson and Mid-Hudson Valleys.

**Representative Projects**

**Ward Pound Ridge Park Bridges  
Town of Lewisboro, Westchester County, NY**

Project Engineer responsible for providing complete design services for three bridges at Ward Pound Ridge Park: Stone Hill Road Bridge over Cross River; Park Trail Bridge over Cross River; and Bergfield Picnic Area Bridge. Bridge rehabilitations ranged from superstructure replacement and reconstruction of the concrete headers, as well as repairs to the stone abutments and wing-walls, to full replacement on newly constructed foundations. The scope of work also addressed the undermining of the bridge foundations. All designs were done in accordance with NYSDOT and Westchester County standards.

**Bluestone Sidewalk Repairs and Replacements (LDSA)  
Village of Saugerties, Ulster County, NY**

Provided professional engineering services for improvement of pedestrian access, mobility and safety on 900-ft of historic Bluestone sidewalks in the Village. Work includes scoping, preliminary and final design and construction inspection services. Proposed improvements to the sidewalk: replacement



**Resume**

"sandstone" repair sections, resetting and sloping of existing bluestone to meet ADA/PROWAG codes; and design of handicapped accessible ramps. A design report meeting NYSDOT formats was produced along with full plan sets and documents meeting the DOT criteria. This project was locally administered through the NYSDOT through the LDSA program.

**Siena College Loop Road Improvements (LDSA)  
Loudonville, Town of Colonie, Albany County, NY**

Project Engineer providing engineering services for the design of a new perimeter loop road along the eastern side of the Siena College Campus. This project called for two 11-foot wide travel lanes; 2,000 ft of new roadway with new curbing; and five-foot wide concrete sidewalks. Work included stormwater management design, design of new NYSDEC green infrastructure practices, design of retaining walls, and utility relocation. Other duties included managing and coordinating wetland delineation, permitting, cultural resource studies, geotechnical evaluations, and regular meetings between the Town and reviewing agencies. This was a federally-funded LDSA project.

**Siena College - Rugby Field Improvements  
City of Albany, Albany County, NY**

As Project Manager, provided site engineering services for design of a natural pitch (turf) Rugby Field, and associated amenities. The project included site layout of a 70-meter by 130-meter (230-ft ± X 430-ft ±) rugby field, drainage design, land grading, landscaping earthen berms and permitting. Advertising, bidding and Bid analysis services were also provided. Design was completed in Fall of 2015 and Construction was completed in Spring of 2016. Construction administration and inspection services were provided.

**Reconstruction & Realignment of Myers Corner Road (LDSA)  
Town of Wappinger, Dutchess County, NY**

Project Manager for the reconstruction and realignment of 7,400 ft of Myers Corners Road. The objective of the project was to improve the sight distance, pavement section, reduce the number of accidents, horizontal and vertical alignment, adequate lane and shoulder widths, roadside safety improvements, and roadside drainage swales to tie into existing system. Services included ROW and topographic surveys, ROW acquisitions, design mapping, determination existing conditions, traffic counts, accident data and capacity analysis, soils investigations, environmental impact analysis, general ecological and endangered species studies, groundwater, surface water, hazardous waste, and asbestos analyses. A design report meeting NYSDOT formats was produced along with full plan sets and documents meeting the DOT criteria. This project was locally administered through the NYSDOT through the LDSA program.

**Reconstruction & Realignment of Middlebush Road (LDSA)  
Town of Wappinger, Dutchess County, NY**

Project Engineer for the reconstruction and realignment of 2,000 ft of Middlebush Road at Camelli Drive. The objective of the project was to improve the sight distance, pavement section, reduce the number of accidents, horizontal and vertical alignment, adequate lane and shoulder widths, roadside safety improvements, and roadside drainage swales to tie into existing system. Services included ROW and topographic surveys, ROW acquisitions, design mapping, determination existing conditions, traffic counts, accident data and capacity analysis, soils investigations, environmental impact analysis, general ecological and endangered species studies, groundwater, surface water, hazardous waste, and asbestos analyses.



Engineering & Design

## Kenneth W. Baldwin

Project Manager | Bridges and Structures

### Resume

#### Education

A.A.S. Civil Technology,  
Hudson Valley Community  
College, 1989

#### Professional Certifications

NYSDEC 4 Hr Erosion and  
Sediment Control Training

OSHA 10 Hr Construction  
Supervisor Safety Training

Certified Traffic Control  
Supervisor

Certified Flagger Instructor

Certified Flagger

ACI Field Testing Technician,  
Grade 1

TxDOT Certified 11.3.1, 18.3.1 &  
18.6.1

#### Affiliations or Memberships

Albany Society of Engineers

Association for Bridge  
Construction and Design

American Legion

Veterans of Foreign Wars

Society of American Military  
Engineers

#### Experience

Mr. Baldwin has extensive experience in structural engineering, project management, and construction management for roadways and bridges. He has proven expertise in performing project management, design, coordination, and review functions for a multitude of projects that have improved major local, state, and regional infrastructure networks and systems, and he has worked extensively with federally-funded projects through NYSDOT, NYCDEP, NYSTA, and many other private and municipal clients.

Mr. Baldwin's bridge design and construction experience includes bridges, culverts, dams, retaining walls, and other earth retaining structures. His experience not only includes the structural design, plan preparation, and specification writing tasks, but also includes the tasks of project management, agency coordination, and presentation at public information meetings. He has ample experience in the logistics of bridge design and rehabilitation projects. These logistics include environmental permitting, hydrologic/hydraulic analysis, scour analysis, and coordination with all affected public stakeholders.

#### Representative Projects

##### Route 306 Pedestrian Sidewalks Town of Ramapo, Rockland County, NY

Project Highway Engineer responsible for Preliminary and Final Design for the installation of new sidewalks and curbs along the east side of Route 306. The project involves the preparation of preliminary design, Design Report, public information meeting, and preparation of the final plans. The project is a Federal-Aid project, therefore all NYSDOT specifications were followed. The total construction cost of the project is approximately \$1.1 million.

##### Middlebush Road Reconstruction Wappingers Falls Village, Dutchess County, NY

Construction Project Manager this \$900,000 project, which involved the reconstruction and realignment of 2,000 feet of Middlebush Road at Camelli Drive. The project included roadway realignment, both horizontally and vertically; complete pavement reconstruction; embankment; subbase and HMA pavement; and a new closed drainage system. The objective of the project was to improve the sight distance, pavement condition, horizontal and vertical alignment, adequate lane and shoulder widths, roadside safety, and roadside drainage.

**Resume****Morningthorpe Avenue Pedestrian Bridge Connection  
Brewster Village, Putnam County, NY**

Project Manager responsible for preparation of Design Report, Preliminary, and Final Design plans; coordination with utility companies; monitoring of sub-consultant in preparation of the Habitat Assessment and cultural resources documentation; coordination with New York City Department of Environmental Protection, NYSDEC, the US Army Corps of Engineers and coordination with the NYS Historic Preservation Officer for replacement of the Morningthorpe Avenue (CR 51) Bridge over the East Branch of the Croton River. The objective of the project is to replace the Morningthorpe Avenue bridge with a pedestrian bridge and shared-use path to provide pedestrian access to destinations between the Croton River access point and the center of Brewster, Putnam County. The project will also replace or upgrade sidewalks along adjacent roadways for ADA/PROWAG compliance. The project was a Federal-Aid project, therefore all NYSDOT specifications and standards were followed. Total construction cost is approximately \$1.9 million.

**Maxwell Road Relocation  
Town of Colonie, Albany County, NY**

Design Project Manager and Construction Project Manager responsible for design, cost estimating, and contract letting documents for the project. Completed Storm Water Pollution Protection Plan (SWPPP) in accordance with NYSDEC regulations. Prepared and submitted necessary permits, including a Section 404-Wetlands Permit to the U.S. Army Corps of Engineers. Provided liaison with the various utility companies for the project. Design included plans, profiles, geometrics, including a roundabout, typical sections, drainage design, sanitary sewer and municipal water service relocation, wetland mitigation areas, soil and water pollution control plans and specifications. Since project was a pass-through project with Federal Funding, it was designed in accordance with New York State DOT Specifications.

**Reconstruction of Bridge PV-15, CR 72 over Great Spring Creek  
Town of Pleasant Valley, Dutchess County, NY**

Project Manager responsible for preparation of preliminary plans and Design Report; coordination with utility companies; monitoring of sub-consultant in preparation of the Habitat Assessment and wetland mitigation design; coordination with NYSDEC and the US Army Corps of Engineers; and coordination with the NYS Historic Preservation Officer. This project provided for a new structure over Great Spring Creek on North Avenue, improvements to Sherow Road, and realignment of approximately 700 LF of North Avenue to meet current standards.

**Schenectady County Department of Public Works, Asphalt Pavement Overlay River Road and  
Rosendale Road****Town of Niskayuna, Schenectady County, NY**

Construction Project Manager responsible for construction inspection and project management for this asphalt paving project. The project consisted of placement of asphalt overlay, new guiderail, striping and traffic signal upgrade. Monitored work to ensure engineer-in-charge maintained projects in accordance with MURK and that NYSDOT specifications were followed.



Engineering & Design

## Lucas Boyer, PLS

Principal Associate | Project Manager | Survey

### Resume

#### Education

B.S. Surveying Engineering Technology, State University of New York at Alfred, 2006

#### Professional Registrations

Professional Land Surveyor (PLS) New York

#### Professional Certifications

OSHA 40 Hr HAZWOPER Training

MSHA Part 46 Miner Training

OSHA 30 Hr & 10 Hr Construction Safety

#### Affiliations or Memberships

New York State Association of Professional Land Surveyors

Eastern New York Society of Land Surveyors

#### Experience

Mr. Boyer is a Project Manager with more than 18 years of experience in the survey industry, with particular expertise in providing survey and scanning services for boundary surveys, residential subdivisions, construction stakeouts, and environmental projects, including Superfund sites and hazardous waste projects. He has provided survey services to a variety of public clients, including New York State agencies such as the Department of Transportation, Thruway Authority, Office of General Services, and Department of Environmental Conservation, along with various municipalities. He has extensive knowledge of New York State survey standards and procedures and is proficient in performing all field procedures required to successfully complete any survey project.

As Project Manager, Mr. Boyer's responsibilities include coordination of projects from proposals to completion; meeting with clients and governing bodies to gather data; review of all project materials including deed research, utility mapping, or other any other required documentation; execution of field work and mapping; maintaining budgets, scheduling, project coordination, and billing; and managing and scheduling the activities of field crews.

#### Representative Projects

##### PP-5 Willow Vale Road

##### Town of Pine Plains, Dutchess County, NY

Project Manager responsible for execution of kickoff meeting, data collection, base mapping, right of way and Acquisition maps associated with the replacement of Willow Vale Road Bridge in the Town of Pine Plains, NY. Provided direction on performance of primary and secondary horizontal and vertical project control and the collection of survey and mapping data, including ground surveying and establishment of existing highway boundary. Provided Quality Control and quality assurance to final deliverables.

##### Stop 13 Road

##### Town of West Sand Lake, Rensselaer County, NY

Project Manager responsible for execution of kickoff meeting, data collection, base mapping, and right of way associated with the replacement of Stop 13 Bridge in the Town of West Sand Lake, NY. Provided direction on performance of primary and secondary horizontal and vertical project control and the collection of survey and mapping data, including ground surveying and establishment of existing highway boundary. Provided Quality Control and quality assurance to final deliverables.

**Resume****Mill Road Bridge in Region-8  
Rhinebeck, Dutchess County, NY**

Project Manager responsible for execution of kickoff meeting, data collection, base mapping, and right of way associated with the replacement of Mill Road Bridge in the Town of Rhinebeck, NY. Provided direction on performance of primary and secondary horizontal and vertical project control and the collection of survey and mapping data, including ground surveying and establishment of existing highway boundary. Provided Quality Control and quality assurance to final deliverables.

**Route 306 Ramapo  
Town of Ramapo, Rockland County, NY**

Project Manager responsible for execution of kickoff meeting, data collection, base mapping, right of way and Acquisition maps associated with the sidewalk and road improvements in the Town of Ramapo, NY. Provided direction on performance of primary and secondary horizontal and vertical project control and the collection of survey and mapping data, including ground surveying and establishment of existing highway boundary. Provided Quality Control and quality assurance to final deliverables.

**Myers Corners Road  
Town of Wappinger Falls, Dutchess County, NY**

Project Manager responsible for execution of kickoff meeting, data collection, base mapping, right of way and Acquisition maps associated with the sidewalk and road improvements in the Town of Wappinger Falls, NY. Provided direction on performance of primary and secondary horizontal and vertical project control and the collection of survey and mapping data, including ground surveying and establishment of existing highway boundary. Provided Quality Control and quality assurance to final deliverables.

**Route 32 & Route 9W  
Town of Saugerties, Ulster County, NY**

Project Manager responsible for execution of kickoff meeting, data collection, base mapping, and right of way associated with the sidewalk improvement in the Town of Saugerties, NY. Provided direction on performance of primary and secondary horizontal and vertical project control and the collection of survey and mapping data, including ground surveying and establishment of existing highway boundary. Provided Quality Control and quality assurance to final deliverables.

**Morningthorpe Avenue Bridge Replacement  
Village of Brewster, Putnam County, NY**

Project Manager responsible for execution of kickoff meeting, data collection, base mapping, and right of way associated with the replacement of Morningthorpe Avenue Bridge in the Town of Brewster, NY. Provided direction on performance of primary and secondary horizontal and vertical project control and the collection of survey and mapping data, including ground surveying and establishment of existing highway boundary. Provided Quality Control and quality assurance to final deliverables.

## Section 8 Professional Services

# Governmental Services

Colliers Engineering & Design provides a full range of professional engineering and consulting services to assist municipalities, authorities, counties, and state agencies.

We help public clients meet their diverse planning and infrastructure improvement goals, while balancing growth with land optimization and natural resource preservation. Our experience with the grant application process; knowledge of the permitting process; and established professional relationships with various regulators, enables us to keep projects in motion and on schedule.

We have served in positions that include Municipal Engineer, Municipal Planner, Planning/Zoning Board Engineer, Special Projects Engineer, Environmental Consultant, and GIS Specialist. Our professionals have the expertise to provide services for infrastructure improvements; design for parks, open space, and downtown revitalization initiatives; GIS/GPS design; and oversight of the construction process to ensure your project is a success.



Committed to serving our federal, state & local communities

- Roadway Improvements
- Bridges & Structures
- Traffic Signals
- Underground Utilities
- Stormwater Collection
- Stormwater Management
- Underground Storage Tanks
- Parks & Recreation Facilities
- Downtown Revitalization & Redevelopment
- Master Plan & Zoning Ordinance Reviews & Updates
- Tax Assessment Map Revisions
- Geographic Information Systems (GIS)
- Grant Applications
- Permitting
- Construction Observation & Administration
- Wastewater Collection & Treatment Facilities
- Water Distribution, Supply, Storage & Treatment Facilities

Colliers

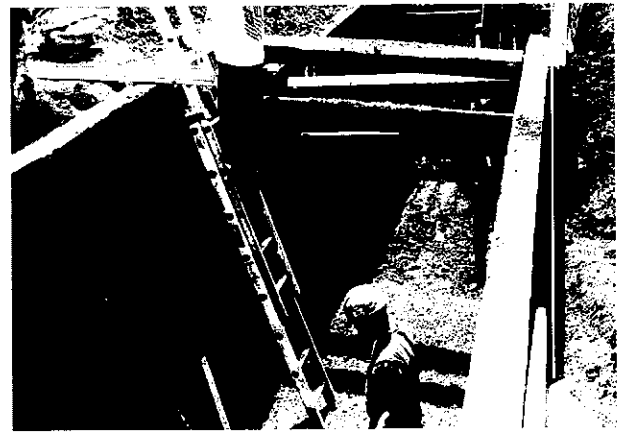
Engineering  
& Design

# Construction Inspection & Administration

Our professionals successfully oversee project construction from pre-construction through finalization with an outstanding track record for cost and schedule containment.

Our licensed engineers and ACI, SAT, and NICET certified construction professionals have extensive on-the-job experience in supervision, observation, safety review and inspection with ongoing training that ensures required daily schedules are adhered to and all materials are procured and constructed according to plans and specifications.

We work with our clients to achieve the optimum value, schedule and project quality. Project types include heavy highway, single and multi-span bridges, intersection and traffic signal improvements, marine improvements, water/ wastewater transmission, and park and recreation construction. We also have extensive experience in end-to-end transmission and distribution facilities, switching stations and substations, outage management.



Complete construction  
observation, materials  
testing & inspection

- Scoping & Feasibility Studies
- Cost Estimation & Scheduling
- Condition Assessment & Asset Inventory
- Project Documentation
- Submittal & Design Review
- Critical Path Method (CPM)
- Construction Plan Analysis
- Construction Risk Identification & Avoidance
- Field Inspection
- Utility Relocation Coordination & Support
- Change Order & Field Conflict Resolution
- Quality Control
- Field Material Testing
- Resident Engineering
- Owner's Representation
- Expert Witness Testimony
- Safety Review
- Community Outreach

Colliers

Engineering  
& Design

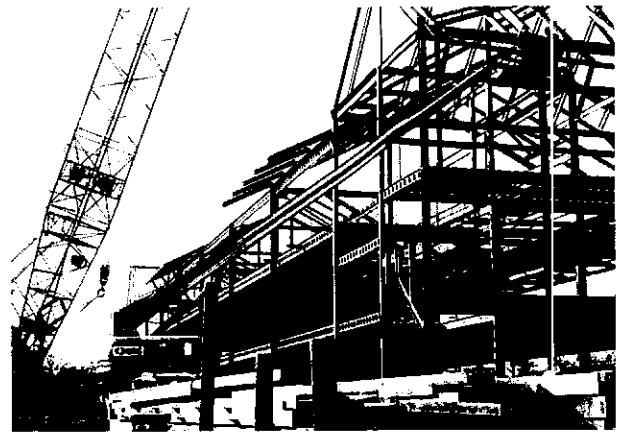


# Structural Engineering

Our structural engineers provide the assistance our clients need to evaluate the integrity of their existing structures and the experience to rehabilitate or design new structures.

Colliers Engineering & Design's reputation for providing hands-on engineering excellence, while exceeding client expectations, has made us a leader in providing creative solutions for multiple project types including buildings, bridges, towers, dams and marine structures constructed of steel, timber, reinforced concrete or masonry.

Streamlined coordination with other in-house services has facilitated an efficient approach and complete engineering package that spans all phases of structural design and construction from feasibility studies, scope and condition assessment, to code compliance review, static/dynamic load analyses and planning of rehabilitation and replacement alternatives.



Leadership in providing creative solutions for multiple project types

- Structural Evaluation, Analysis & Design
- Rehabilitation, Repair & Restoration
- Structural Inspection & Condition Assessments
- Code Compliance Review
- Forensic Engineering/Failure Analysis
- Structural Project Planning & Scope Assessment
- Design Review/Value Engineering
- Owner Representation
- 3D Computer Modeling
- Storm Damage Assessment & Repair Design
- Construction Support & Inspection

**Colliers** Engineering & Design

# GIS/Asset Management

Geographical Information System (GIS) management services provide our clients with tools to manage their assets across departments, locations, facilities, and business units.

By handling assets through GIS technology, organizations can improve utilization and performance; reduce capital costs; reduce asset-related operating costs; extend asset life; and subsequently improve return on assets. Our certified GIS professionals provide services from the initial GIS needs assessment, through development, implementation, and training. We utilize state-of-the-art methods for mapping, data collection, asset condition, and risk inspections.

Our GIS professionals have expertise in Esri ArcGIS Online and Desktop; Esri Enterprise; Eos Positioning Systems; Microsoft SQL Server; Bentley, AutoDesk and Trimble software; facility and asset management; stormwater regulations; ASTM pavement inventory; and FHWA standard sign inventory. We provide services to governmental clients, utility authorities, educational institutes, and more.



Managing your web-based assets in real time with high accuracy

- GIS Needs Assessments
- GIS Program Implementation Plans
- GPS & LIDAR Data Collection
- Mobile Field Applications
- Public & Secure Web-Based Mapping Portals
- Service Request & Work Order Applications
- Land Base Mapping
- Utility Mapping
- Property Record Mapping
- Database Integration
- Document Management
- Web-Based Asset Management Applications
- GIS & GPS Training



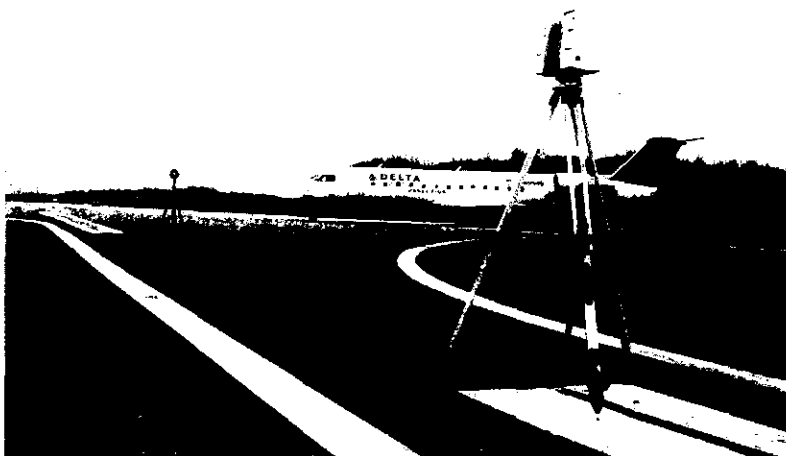
Engineering  
& Design

# Land Survey & Measurement

Colliers Engineering & Design's survey professionals have the expertise to achieve highly accurate results while maintaining quality control.

Whether the project calls for conventional surveying methods, cutting-edge geospatial scanning techniques or a combination of both, our professionally licensed land surveyors, highly-trained office technicians and field crews work seamlessly together to provide responsive and consistent professional survey services. Implementing this comprehensive approach for each project ensures our clients are receiving precision surveying and measurement services.

Our surveyors perform topographic and boundary surveys, construction stake-out and as-built surveys for existing and new residential and commercial properties. Our capabilities also include the use of hi-definition laser scanners enabling our professionals to quickly capture collect data from a multitude of sources including complex facilities, buildings, bridges, structures, and roadways.



Precision surveying  
providing accurate and  
reliable results

- ALTA/NSPS Land Title Surveys
- Topographic & Boundary Surveys
- Construction Stake-Outs
- Site Remediation Surveys
- Highway Route Surveys
- GPS Surveying
- GIS Mapping
- State Compliant Tax Map Services
- As-Built Surveys
- 3D Hi-Definition Laser Scanning
- Hydrographic, Riparian & Wetlands Surveys
- Flood Elevation Surveys
- Pipeline & Utility ROW Surveying
- Deformation Monitoring Surveys
- Aerial Photo Control Surveys for Mapping
- Subsurface Utility Location & Ground Penetrating Radar

Colliers

Engineering  
& Design





Colliers

Engineering  
& Design

# Firm Overview

Colliers Engineering & Design is a trusted provider of multi-discipline engineering, design and consulting services delivering customized solutions to public and private clients. Established in 1984 as Maser Consulting, Colliers Engineering & Design maintains its same dedicated leadership, systems and services to clients. Today, the firm employs over 1,000 professionals nationwide. Over its history, the company has consistently been recognized nationally by Engineering News Record as a Top 500 Design Firm and ranked on The Zweig Group Hot Firm List of fastest growing companies.

Driven by our values of quality, accountability, and safety in the work environment our dedicated professionals take pride in their commitment to providing clients the highest standards of customer service. Our full-service, in-house resources, advanced technologies, and proven project management approach combine to provide accessibility to resources and strategies that maximize the success of our clients' project potential.



## Core Disciplines

### Civil/Site

- Commercial & Residential
- Landscape Architecture
- Land Use Planning

### Governmental

- Civil Engineering
- Water/Wastewater
- Planning
- Landscape Architecture
- Coastal/Marine Engineering
- Geographic Information System (GIS)
- Grants & Funding

### Transportation

- Traffic Engineering & ITS
- Transportation Planning
- Highway Design
- Bridges

### Survey/Geospatial

- Land Survey & Measurement
- Mobile & Static LiDAR
- Unmanned Aerial System (UAS)
- Rail & Tunnel
- Subsurface Utility Engineering (SUE)

### Infrastructure

- Structural Engineering
- Construction Engineering & Inspection
- Coastal/Marine Engineering

### Geotechnical/Environmental

- Geotechnical
- Environmental
- Natural Resources

### Telecommunications

- Cell Site Modification & Design
- New Site Build
- Small Cell & DAS
- Structural Analysis & Design
- Fiber Construction Network & Design

### Utilities/Energy

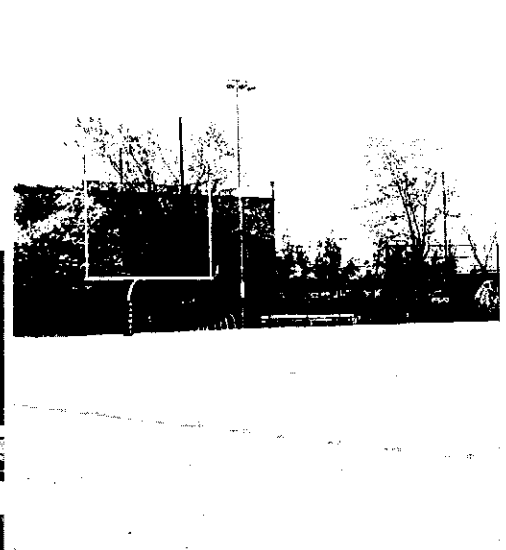
- Renewables
- Substation Design
- Oil & Gas Pipelines
- Transmission & Distribution
- Electrical System Design

1984-2021  
37 years of experience

Accelerating success.

# Firm Advantages

Colliers Engineering & Design prides itself on its long-standing relationships that enable candid and concise communication at every level of government. Representing dozens of municipalities and authorities, our licensed Professional Engineers and Certified Municipal Engineers can provide any aspect of Municipal Engineering Services that you may need, from capital improvement projects and stormwater management to open space planning and GIS services. Over time, our municipal engineers become as much a part of your organization as they are of ours.



- Over three decades of experience providing valued services and expertise in areas that are important to the quality of life for your residents
- Responsive Project Managers who design customized solutions to meet our clients' needs
- In-house experts covering a wide range of disciplines, making our firm a one-stop shop for customized solutions
- Designs that incorporate cost-saving measures and economic conditions as vital elements
- Professionals who become involved in your community and understand the needs of your municipality
- Broad geographical reach, with a local presence to better serve our communities
- More than 1,000 experienced professionals under one organization for a single source solution
- Knowledge and experience with the critical local issues that face your communities

## Experience

*Municipal Engineering***Municipal Engineer & Planning Board Engineer, Town of Brunswick, Rensselaer County, NY**

As Municipal and Planning Board Engineer, Colliers Engineering & Design is responsible for the review of site plans, subdivision plans, and special use permit applications for the Town of Brunswick, NY. This included reviews of SWPPP reports, traffic reports, completed SEQR forms and engineering reports submitted to the Brunswick Planning Board. Colliers Engineering & Design staff regularly attend the Town's planning board meetings and public hearings. In doing so, the Town officials are provided with expert guidance and perspective on Town business with respect to civil/municipal engineering; zoning; traffic; site improvement standards; and other elements that impact Brunswick.

**On-Call Municipal Engineer and Stormwater Management Consultant, Town of Sand Lake, Rensselaer County, NY**

As Municipal and Planning Board Engineer, Colliers Engineering & Design is responsible for the provision of guidance to the Town of Sand Lake for the Town's MS4 Compliance and Stormwater Management Plan implementation. Colliers Engineering & Design assists the Town with SWPPP review, annual reports, grant administration, permitting, and general engineering tasks, and attends Town Board meetings periodically to provide the public information on engineering projects in Town.

**Town Designated Engineer, Town of East Greenbush, Rensselaer County, NY**

As Town Designated Engineer, Colliers Engineering & Design provides special project services to the Town of East Greenbush. Projects include site design, highway design, utility design (including municipal water and sanitary sewer service plans and profiles), drainage and storm water management design, grading and erosion control plans, geotechnical investigation and slope stability analysis, construction administration and observation, survey, and environmental impact analysis. Other tasks include land development project application review including SEQRA compliance, Traffic study review, compliance review of local zoning, subdivision and related land use regulations, and review for compliance with generally accepted engineering standards as well as consistency with the Town's Comprehensive Plan.

**On-Call Municipal Bridge Engineer, Town of Berlin, Rensselaer County, NY**

Colliers Engineering & Design provided structural repair design for the Satterlee Hollow Bridge over the Little Hoosic River. The project was necessary due to structural red flags on the bridge as a result of biennial inspections. Details were provided to the Town which will correct the deficiencies identified at the deck floor beams and stringers. A hydraulic analysis and sizing of a culvert for the Mattison Hollow Road crossing of the Kronk Brook in the Town of Berlin was provided. The analysis was performed as part of the permitting process to the New York State Department of Environmental Conservation (NYSDEC)

**On-Call Municipal Engineer, Town of Nassau, Rensselaer County, NY**

As Municipal and Planning Board Engineer, Colliers Engineering & Design is responsible for the review of site plans, subdivision plans, and special use permit applications for the Town of Nassau, NY. This includes reviews of SWPPP reports, traffic reports, completed SEQR forms and engineering reports submitted to the Nassau Planning Board. Colliers Engineering & Design also provides construction inspection services for implementation of infrastructure for subdivisions and site plan developments.

## NY Municipal Experience

### **Planning Board Engineer, Town of Rotterdam, Schenectady County, NY**

As Municipal and Planning Board Engineer, Colliers Engineering & Design is responsible for the review of site plans, subdivision plans, and special use permit applications for the Town of Rotterdam, NY. This included reviews of SWPPP reports, traffic reports, completed SEQR forms and engineering reports submitted to the Planning Board. Colliers Engineering & Design staff attend the Town's planning board meetings and public hearings. We provide our expertise on solar array site plan review as a specialty to the town.

### **Foster Block - Final Design and Construction Services, Schenectady County Metroplex Development Authority, City of Schenectady, Schenectady County, NY**

Colliers Engineering & Design was responsible for final design and construction administration services for the Foster Block near the intersection of State Street and Lafayette Street in the City of Schenectady. Services include project meetings, shop drawing review, coordination with utilities, correspondence with Metroplex and the City, and general services that may be required during construction. The project involved the construction of new sidewalks, retaining walls and landscape amenities to improve appearance and accessibility.

### **Bluestone Sidewalk Repairs and Replacements, Village of Saugerties, Ulster County, NY**

The Village of Saugerties has a unique historic and attractive setting, and an integral component of the Village's uniqueness is the bluestone sidewalks. The project scope is to replace broken and deteriorated sidewalks, repair and reset the bluestone slabs that are uneven and heaved to improve pedestrian mobility and conform to ADA/PROWAG requirements. Colliers Engineering & Design provided professional engineering services for improvement of pedestrian access and safety at 14 intersections, while enhancing a "downtown" feel of the Village. Work includes scoping, preliminary/final design and Construction Administration and Inspection services. Proposed improvements to the intersections include the replacement of existing crosswalks at various intersections with high-visibility stamped asphalt textured surface, and crosswalk and stop striping; design of handicapped accessible ramps at each leg of the intersections; installation of curb bump-outs to improve pedestrian access and crossing distances; installation of period street lighting. This project was locally administered through the NYSDOT through the LDSA program.

### *Bridge Engineering*

### **Stop 13 Road Bridge over the Wynantskill, Town of Sand Lake, Rensselaer County, NY**

Colliers Engineering & Design is currently progressing PS&E plans and Right-of-way acquisition for the replacement of the Stop 13 Road Bridge over the Wynantskill. This BridgeNY project was selected in the last round of projects due to its deteriorating condition and flood potential. The project involves the replacement of the existing structurally deficient structure with a new bridge composed of galvanized steel beams on integral abutments. In addition to providing design services, Colliers Engineering & Design performed topographic survey and ROW determination, and is obtaining the necessary permits from the USACOE and NYSDEC. The project will greatly improve the hydraulic opening and correct drainage along Stop 13 Road and mitigate flooding issues along the Wynantskill Creek. The BridgeNY funding is providing 95% Federal funds with a 5% local share. The consultant contract was executed in August 2019. The project letting is anticipated February 2021 with a September 2021 completion.



## NY Municipal Experience

### **Morner Road over the Mill Creek, Town of East Greenbush, Rensselaer County, NY**

Colliers Engineering & Design is currently progressing preliminary plans for the replacement of a large culvert along the Mill Creek. This BridgeNY project was selected under the culvert replacement portion of the program and is 100% State-funded. The project involves replacement of the existing large culvert which is currently comprised of a 14-ft jack arch supported by laid-up stone and concrete abutments. The replacement structure has not been determined, but alternatives include a precast concrete arch or steel plate arch installed to span the creek. In addition to providing design services, the project team has completed the survey and mapping, hydraulic study and environmental screening. Colliers Engineering & Design will also provide construction inspection. The consultant contract was executed in June 2020; the draft design report will be submitted to NYSDOT for review in January 2021; a contract letting is expected in June 2021 with completion of construction anticipated for September 2021.

### **Morningthorpe Avenue Pedestrian Bridge Connection, Brewster, Putnam County, NY**

Colliers Engineering & Design was contracted for the Preliminary and Final Design services in replacing Morningthorpe Avenue (CR 51) Bridge over the East Branch of the Croton River. The objective of the project is to replace the Morningthorpe Avenue bridge with a pedestrian bridge and shared-use path to provide pedestrian access to destinations between the Croton River access point and the center of the Village, including public facilities (such as the Brewster Train Station, museums, parks, etc.) businesses, and residential areas and to enhance the aesthetic quality of the project corridor. The project will also replace or upgrade sidewalks along adjacent roadways for ADA/PROWAG compliance. This is a federally funded, locally administered (LDSA) project in Region 8. Total construction cost is approximately \$1.9 Million This is a federally funded, locally administered (LDSA) project in NYSDOT Region 8.

### **New Bridge at Amy's Kitchen Facility - Goshen, NY**

Colliers Engineering & Design designed a 115-ft vehicular bridge crossing the Wallkill River for the new Amy's Kitchen development in Goshen. Amy's, a Petaluma, California-based organic-and-vegetarian meals manufacturing firm, is building a \$95 million, 369,000 SF plant on its 395-acre site off Route 17M. The site will include an Amy's food preparation facility with two loading docks, several free standing structures, and parking spaces. Our professionals prepared Preliminary and Final plans for the bridge and approach roadways and also performed a geotechnical investigation to evaluate the subsurface conditions. The new bridge provides both vehicular and pedestrian access, internally connecting both adjacent sites, and consists of a prefabricated steel truss type structure, supported on cast-in-place concrete abutments (on steel H-Pile deep foundations), wingwalls, and reinforced concrete approach slabs.

### *Roadway Experience*

#### **Reconstruction of Bovie Hill Road, Town of Hoosick, Rensselaer County, NY**

Design services for the reconstruction of 800 feet of Bovie Hill Road. The objective of this project was to put Bovie Hill Road back in service after being closed due failure of roadway embankments and pavement. Design included a new 60-inch culvert, slope stabilization and roadway construction details.

#### **Reconstruction & Realignment of Middlebush Road, Dutchess County, NY**

Design services for the reconstruction and realignment of 2000 feet of Middlebush Road at Camelli Drive. The objective of the project was to improve the sight distance, pavement section and reduce the number of accidents, horizontal and vertical alignment, adequate lane and shoulder widths, roadside safety improvements, and roadside drainage swales to tie into existing system. Services included ROW and topographic surveys, ROW acquisitions, design mapping, determination existing conditions, traffic counts,

## NY Municipal Experience

accident data and capacity analysis, soils investigations, environmental impact analysis, general ecological and endangered species studies, groundwater, surface water, hazardous waste, and asbestos analyses; utility relocation, and construction administration and inspection.

### **Reconstruction & Realignment of Myers Corner Road, Dutchess County, NY**

Design services for the reconstruction and realignment of 7,400 feet of Myers Corners Road. The objective of the project is to improve sight distance, pavement section and reduce the number of accidents. Improvements included the horizontal and vertical alignment to five curves, adequate lane and shoulder widths and roadside safety improvements, design of roadside drainage swales and closed drainage system to tie into existing system, ROW acquisitions, utility relocations and disturbance to seven federal wetland areas. Services included topographic ROW and wetlands surveys, traffic counts, accident data and capacity analysis; utility relocation, environmental impact study on design alternatives, general ecological and endangered species studies and groundwater impact, hazardous waste, noise, air quality and energy analyses; regulatory permitting (US Army Corps Section 404-Nationwide Permit No.14, NYSDEC Section 401 Water Quality Certification, NYSDEC State Pollution Discharge Elimination System and FHWA Wetlands Findings) and construction administration and inspection.

### *GIS Experience*

#### **MS4 Mapping Upgrade, Town of East Greenbush, Rensselaer County, NY**

Developed a complete municipal separate storm sewer system (MS4) Geographic Information System (GIS) that meets state and federal requirements and facilitates implementation of the Town's stormwater management program plan (SWMP). Esri's ArcGIS Online software was selected, as the robust functionality that supports office and field work will assist the Town's MS4 staff, including members of the Building and Codes, Public Works, and Planning and Zoning departments, with completing their MS4 related activities. Our team performed a GIS Needs Assessment to gain a better understanding of the Town's existing data, hardware, software, people, and organizational requirements as they relate to the Town's MS4 program. The Needs Assessment Report and Implementation Plan summarized existing conditions and outlined recommendations for how GIS can be used to enhance MS4 mapping, improve access to information, and streamline MS4 reporting and field inspections. Our team utilized centimeter-grade Global Navigational Satellite Systems (GNSS) equipment paired with tablet computers running the Collector for ArcGIS mobile application to map the Town's storm sewer in the field. Information about the storm sewer, including catch basin inlet type, pipe material and size, flow direction, and photographs, were captured and input to the Town's GIS platform in real time. A "Town of East Greenbush MS4 Compliance Dashboard" was created. This dashboard provides the Town's MS4 stakeholders with one centralized location to track the status of MS4 related activities.

#### **MS4 Stormwater Conveyance Mapping, Putnam County, NY**

Provided GIS services and stormwater mapping for the second phase of Putnam County's initiative to satisfy the NYSDEC State Pollutant Discharge Elimination System (SPDES) general permit for stormwater discharges from MS4 systems for Illicit Discharge Detection and Elimination. Phase 2 of this project consisted of field data collection and verification of the stormwater conveyance system, including pipes, pipe flow direction, and catch basins. Our professionals collected 2,000 catch basins along County routes and bikeways and mapped them to sub-meter accuracy. We then incorporated the conveyance system to the Phase 1 outfall GIS project deliverables. Photographs were taken at structures that required operation and maintenance checks based on the condition of the structure. The deliverable was in Esri geodatabase format, meeting the NYSDEC MS4 GIS data requirements.

## NY Municipal Experience

### **Outfall GPS Data Collection and Report Mapping, Putnam County, NY**

Provided GIS/GPS services for Putnam County in order to help the County satisfy the NYSDEC State Pollutant Discharge Elimination System (SPDES) general permit for stormwater discharges from MS4 systems for Illicit Discharge Detection and Elimination. Colliers Engineering & Design professionals were tasked with GPS field collection of the locations of County-owned outfalls; recording suspected stormwater illicit connections; photographing structures that required maintenance; and inventorying characteristics of the outfalls and their discharge point. The project deliverable will assist the County in reporting the status of illicit connection mitigation efforts; tracking the costs of potential improvements at the outfalls; reducing stormwater pollutant runoff; tracking outfall Operations and Maintenance (O&M) procedures; and managing outfall O&M historic records. By having this information mapped, Putnam County is now able to not only satisfy the mapping requirements of the permit, but will also be able to identify, track, and manage the process of correcting illicit connections that take place throughout each year. The data mapped follows the standard NY County GIS stormwater data model and allows the County to efficiently manage and maintain its stormwater systems.

### *Land Survey Experience*

#### **Route 17A ROW Determination and Planimetric Survey, Goshen, NY**

Colliers Engineering & Design established control and performed a planimetric survey along Route 17A between Hatfield Lane and Houston Roads, as well as 100 feet down any connecting roads along the route. Our surveyors located features such as utility poles, guide rails, and large trees within the ROW, as well as any utilities and culverts that were encountered. We also located any property monumentation we found and did the research required to establish the limits of the ROW throughout the corridor. This survey was later used to determine where to place a new gas pipeline through the project limits. The finished mapping was delivered electronically to the design team in AutoCAD Civil3D format.

#### **Mount Kisco Route 117 Water Line Replacement, Mount Kisco, NY**

Colliers Engineering & Design performed a right of way and topographic survey along a 1.2-mile stretch of Route 117 in Mount Kisco, New York for a water line replacement project. Aerial mapping services were utilized to aid in the data collection process due to the heavy traffic through the survey corridor. Conventional survey methods were used to locate property monumentation and utility infrastructure, including hydrants, service and main line valves, manhole elevations, and sewer and culvert pipe elevations and sizes. Colliers Engineering & Design performed all of the control work for the photogrammetry and was responsible for merging all of the aerial and conventional data into one seamless AutoCAD Civil3D deliverable.

#### **Stewart International Airport, New Windsor, NY**

Utilized 3D Laser Scanning technology to rapidly gather extensive elevation and topographic data within specified limits of runways and taxiways. A series of 3D surfaces was created from the scanned data and spot elevation grids, which was extrapolated based upon multiple horizontal alignments provided by the client. These spot elevation grids were used for QA/QC of pre- and post-milling and paving activity. Surface features including fencing, runway lighting, striping, signs, utilities, and structures were gathered primarily by laser scanning. Conventional survey methods were also used to gather data in areas obscured by vegetation.

### **SUNY Albany Subsurface Utility**

#### **Investigation and Mark Out, Albany, NY**

Colliers Engineering & Design was retained by Consigli Construction to provide subsurface utility investigation and designation services in areas of planned construction on the SUNY Albany campus. Numerous university-owned underground utilities ran through the project site and would not have otherwise been marked-out through the 811 Dig Safe program. Using radio frequency pipe and cable locators and Ground Penetrating Radar, we mapped the existing network of underground utilities so that the client could address any potential conflicts with the planned construction. Utilities that were identified and marked within the project limits include electric, natural gas, irrigation lines, telecommunications (cable, fiber optic, telephone), and water.

#### *Construction Administration Services*

#### **Rehabilitation of Knox Cave Road (CR 252), Towns of Berne and Knox, Albany County, NY**

Colliers Engineering & Design provided construction administration and inspection for a 3.6 mile roadway project. The project included full depth pavement recycling (FDR), asphalt paving, resetting guide railing, sign installation and striping.

#### **LEGOLand NY Construction Administration and Inspection Services, Goshen, NY**

Provided construction management and administrative services for this \$50 million dollars highway /bridge project, which was performed in 5 separate stages and four prime contractors. These included Bridge Work - Driving Piles, Integral Abutments, Spread Footers, Superstructure Slab & Isotropic Reinforcement, Elastomeric Expansion Bearings, Girder & Girder Slices, Diaphragms & Conduit Support Hangers, Single Slope Barrier; Approach Slabs & Sleeper Slabs; Geotechnical T-Wall; and Box Culvert Extension, Moment Slabs, Pre-Cast Concrete Barrier. Highway Work included excavation 50,000 cy of embankment, undercut excavation, over 3-miles of drainage, manholes & pre-cast unit drainage structures, over 10 lane miles of superpave HMA, box beam & corrugated beam guiderail, signs & striping, landscaping, concrete curb & sidewalk, erosion control, day & nighttime traffic control. Utilities Work included 6" Sanitary Sewer Force Main, 6" to 12" Waterline, manholes, valves, hydrants, and pump stations. Traffic Signal work included inspection of traffic signals, signal heads, wireless vehicle detection systems, signal cabinets, pedestrian signals, inductance loops, concrete curb ramps with detectable warning fields, and multiple crosswalks.

Section 6  
Technical Hourly Rates

**New York Capital 2021  
Municipal Rates**

**Technical Staff Rates 2021**

<b>Billing Titles</b>	<b>Hourly Rates</b>
Principal	240.00
Senior Technical Director	205.00
Senior Project Manager	190.00
Technical Director	180.00
Project Manager	170.00
Senior Project Specialist	160.00
Project Specialist	150.00
Technical Professional	140.00
Technical Specialist	130.00
Specialist	110.00
Senior Data Technician	105.00
Senior Technical Assistant	95.00
Technical Assistant	90.00
Data/Field Technician	85.00
Survey Crew – 1 Man w/Robotic Equipment	185.00
Survey Crew – 2 Man	225.00
SUE Crew (designating) – 1 Man	125.00
Additional (designating) Member	45.00
Expert Witness	325.00

**Reimbursable Expenses**

General Expenses	Cost + 15%
Travel (Hotel, Airfare, Meals)	Cost + 15%
Sub-Consultants/Sub-Contractors	Cost + %
Plotting	3.95 / Each
Computer Mylars / Color Plots	75.00 / Each
Photocopies	0.18 / Each
Color Photocopies	1.95 / Each
Document Binding	3.50 / Each
Portable Media	75.00 / Each
Exhibit Lamination (24" x 36" or larger)	75.00 / Each
Initial Digital Signature	250.00
Additional Digital Signatures	60.00 / Each
Mileage Reimbursement*	0.575 / Per Mile

\*Mileage reimbursement subject to change based upon IRS standard mileage rate.

Rates are effective through December 31, 2021

VII. 2

**RESOLUTION NO. \_\_\_ OF THE YEAR 2021:**

**RESOLUTION OF THE TOWN BOARD OF THE TOWN OF POESTENKILL, NEW YORK, HONORING MARGIE MORRIS ON HER WORK AS THE POESTENKILL LIBRARY DIRECTOR**

The Town Board of the Town of Poestenkill take this opportunity to thank Margie for the countless hours, days, months and years she has devoted to making Poestenkill a great place to live.

WHEREAS Margie Morris has been giving back to and serving the community and residents of Poestenkill for decades through multiple roles and groups and

WHEREAS Margie has been actively involved in supporting and strengthening the Poestenkill Library for more than 29 years as a patron, volunteer and director, and

WHEREAS Margie first became active in the Poestenkill Library when it was housed in the Poestenkill Town Hall basement, bringing her daughter Laura and other preschoolers and led story hour, among many other activities, and

WHEREAS Margie has served as Director of the Poestenkill Library since 1999, and

WHEREAS Margie played a crucial role in the creation of the existing library by working with the Board of Trustees to gain a charter from New York State, playing a major role in the fundraising to purchase the new library building and working with architects during the renovation on the design and layout of the new library, as well as her efforts in planning, logistics, and work parties which included demolition and painting, and

WHEREAS Margie has mentored junior volunteers, many who have become library employees, and

WHEREAS Margie has done a great job in selecting new books and materials which reflect the tastes of Poestenkill users, and

WHEREAS Margie has worked diligently to keep the library up-to-date on technology, including the purchase of the first 3-D printer for a small library in the Upper Hudson Library System, and

WHEREAS the Town Board and residents of Poestenkill to hereby formally thank Margie for the important role she has made in not only making the Poestenkill Library one of the best and most admired small libraries in the Capital Region, and for the positive impact she has had on our community,

Let it therefore be resolved that, the Town Board of the Town of Poestenkill does hereby thank and honor Margie Morris for her years of dedicated service to our town and residents and we wish her the best of luck in her well-earned retirement.

MOVED BY: \_\_\_\_\_

Prepared and approved as to form by:  
John Casey, Esq.,  
Town Attorney

SECONDED BY: \_\_\_\_\_

VOTED UPON AS FOLLOWS:

Councilwoman June Butler: \_\_\_\_\_

Councilman Eric Wohlleber: \_\_\_\_\_

Councilman David Hass: \_\_\_\_\_

Supervisor Keith Hammond \_\_\_\_\_

Councilman Harold Van Slyke: \_\_\_\_\_

VII, 3

**Town of Poestenkill  
Office of the Water Department  
P.O. Box 210  
Poestenkill, NY 12140**

**Memorandum**

**To: Town Supervisor- Keith Hammond**

**Town Board Members – June Butler, David Hass, Harold Van Slyke,  
Eric Wohlleber (Deputy Town Supervisor)  
Town Attorney – Jack Casey**

**From: Robert L. Brunet, P.E.–Water Manager / 811 /Public Health Coordinator** RLB

**Date: August 24, 2021**

**RE: Meter Proposal**

**The following quote is from my monthly report of August 19<sup>th</sup>:**

**“Our meter inventory is getting low. We last purchased meters in 2019 when we received a “special deal” from our EJP representative, Chris Goodrich, which reduced our cost per meter to approximately \$200 (we charge \$275 per meter). Based upon my expectation that the meter costs to us will significantly increase this year, I have asked Chris what he could do for us on another “discounted volume deal”. Based upon what Chris can come up with, I will be presenting the proposal to you in the next few months”.**

Today Chris Goodrich came to my office and presented the attached offer which provides for 32 meters at a cost of \$200 each, totaling \$ 6,400, a savings of \$ 2,000 from the current price of \$262.40 each. Not only is this a significant savings on face value alone, but it also includes “connectorized” cabling on the meters and also on the radios, normally \$15 each, a total of another \$480 savings. They are getting prepared to raise the prices and this “special offer” will not last.

I am requesting your approval ASAP to place the order for 32 meters.





WATER • WASTEWATER • STORMWATER  
SOLUTIONS

VII 3

Bus.

518 877 6737

Cell.

518 338 5826

Email Address [chris.goodrich@ejprescott.com](mailto:chris.goodrich@ejprescott.com)

[EJPRESCOTT.COM](http://EJPRESCOTT.COM) - 1-800-EJP-24HR

Robert Brunet  
Town of Poestenkill  
38 Davis Drive  
Poestenkill, NY 12140

August 23, 2021

RE: Water meter quote

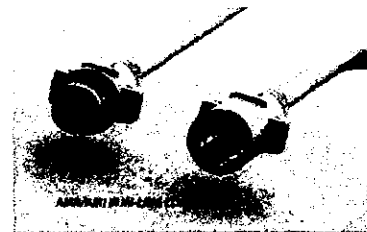
Dear Robert,

I believe you asked me to provide pricing for a group of meters for a possible new development in Poestenkill. Naturally, I am happy to oblige!

For an order of four cases of meters with Mi.Node M radios (quantity of 32) the price would normally be \$8,396.80, (\$262.40 each). Fortunately, there is a promotion going on now that makes it possible to provide these meters and radios for \$6,400.00!

We have not been told of the end date of this promotion, but I suspect that it will end in late fall. I will let you know if I hear otherwise.

Note that these units will be in a slightly different configuration than what we have previously provided to you. Rather than the meters being permanently wired to the radios with 20 feet of cable, these units will have 5' of wire on the meter and 5' of wire on the radio. The ends of these wires will be terminated with "Nicor" connectors. These are water tight connections of plugs and jacks. The wires are instantly connected just by pushing them together. This makes locating the wires very easy in many installations.



With best regards,

*Christopher Goodrich*

Christopher Goodrich  
EJ Prescott Metering Specialist

National Society Daughters of the American Revolution

Proclamation  
National Constitution Week

Whereas: It is the privilege and duty of the American people to commemorate the anniversary of the drafting of the Constitution of the United States of America with appropriate ceremonies and activities; and

Whereas: Public Law 915 guarantees the issuing of a proclamation each year by the President of the United States of America designating September 17-23 as "Constitution Week".

Now, therefore,

I \_\_\_\_\_ as \_\_\_\_\_  
of \_\_\_\_\_ do hereby proclaim the week of  
September 17-23 as "Constitution Week" and urge all citizens to study the  
constitution and reflect on the privilege of being an American with all the rights  
and responsibilities which that privilege involves.

In Witness whereof, I have set my hand and caused the seal of the community to  
be affixed this \_\_\_\_\_ of the year of our  
Lord two thousand and twenty one.

Signed \_\_\_\_\_ Title \_\_\_\_\_

## National Society Daughters of the American Revolution

## Proclamation

## National American Indian Heritage Month

Whereas, the history and culture of our great nation have been significantly influenced by American Indians and indigenous peoples; and

Whereas, the contributions of American Indians have enhanced the freedom, prosperity, and greatness of America today; and

Whereas, their customs and traditions are respected and celebrated as part of a rich legacy throughout the United States; and

Whereas, Native American Awareness week began in 1976 and recognition was expanded by Congress and approved by President George Bush in August 1990, designating the month of November as National American Indian Heritage Month; and

Whereas, in honor of National American Indian Heritage Month, community celebrations as well as numerous cultural, artistic, educational, and historical activities have been planned,

Now, therefore, I \_\_\_\_\_ by virtue of my authority as (title) \_\_\_\_\_ of the (city, town, village) of \_\_\_\_\_ do hereby proclaim November 2021 as National American Indian Heritage Month, in this city and urge all our citizens to observe this month with appropriate programs, ceremonies, or activities.

In witness whereof, I have hereto set my hand and caused the seal of the (city, town, village) to be affixed this \_\_\_\_\_ day of \_\_\_\_\_ the year of our Lord, two thousand and twenty one.

Signature \_\_\_\_\_

VIII . C

TOWN CLERK'S MONTHLY REPORT

Town of Poestenkill, New York

August 2021

To THE SUPERVISOR: Pursuant to Section 27, Subd. 1, of the Town Law, I hereby make the following statement of all fees and moneys received by me in connection with my office during the payment of

Conservation Fees to the Town:		\$ 130.65
Marriage License	3 @ \$ 7.50	\$ 22.50
Marriage Certificate	3 @ \$10.00	30.00
A1255	Total Town Clerk Fees	\$ 183.15
		\$
A1289	Registrar	\$160.00
A2655	Minor Sales – Copies (certified copy) –	\$
A2544	Local Fee for Dogs –	144.00
A2115	Planning Board Fees - \$ 86.31      ZBA Fees - \$	\$ 86.31
A2555	Building Permits	\$ 937.80
A-2545	Peddlers Permit	\$
2110	Water Benefit Charge	\$
A2720	Water Meter Fee -	\$
A2240	Misc. Water Charges -	\$
A2710	Water Permit Fee -	\$40.00
1001	Water Billing -	\$3,393.18
TOTAL WATER CHARGES		\$ 3,433.18
<b>REVENUE TO SUPERVISOR</b>		<b>\$4,944.44</b>
Amount paid to State Comptroller for Games of Chance License		\$
Amount paid to DEC for Conservation Licenses		\$ 2,621.35
Amount paid to AG & Markets for fee for unsprayed/unneutered Dog program		\$ 30.00
Amount paid to State Health Dept. for Marriage Licenses		\$ 67.50
<b>TOTAL DISBURSED</b>		<b>\$ 2,718.85</b>
		\$
Keith Hammond, Town Supervisor		
<b>TOTAL AMOUNT RECEIVED BY CLERK</b>		<b>\$ 7,663.29</b>
<p>State of New York, County of Rensselaer, Town of Poestenkill, Susan Horton being duly sworn says that she is the Clerk of the Town of Poestenkill the foregoing is a full and true statement of all Fees and Moneys received by her during August.  Fees the application and payment of which are otherwise provided by law subscribed and sworn to before me this 8th day of September 2021.</p> <p><i>Susan Horton, Town Clerk</i></p>		



# Town of Poestenkill

VII. D

## Assessor's Office

P.O. Box 210 38 Davis Drive  
Poestenkill, NY 12140  
518-283-5100 Ext. 101

TO: POESTENKILL TOWN BOARD

FROM:  Betsy Pinho, Assessor

RE: Assessor's Report August 2021

The Assessor's Office continues to receive new deeds from the County as well as split/merger documents for processing. We are responding to resident inquiries, and processing both exemption applications and closed building permits. We continue to update the Real Property System as needed.

We are expecting an increase in the amount of phone calls once the school tax bills are issued in early September. We have requested the list of school district tax rates from the County.

Next month we will begin to prepare for exemption renewals. Items that need to be prepared and organized include the mailing labels, cover letters, and the new renewal exemption applications.

cc: Susan Horton, Town Clerk

VII. E

**Town of Poestenkill  
Office of the Water Department  
P.O. Box 210  
Poestenkill, NY 12140**

**Memorandum**

**To: Town Supervisor- Keith Hammond**

**Town Board Members – June Butler, David Hass, Harold Van Slyke,  
Eric Wohlleber (Deputy Town Supervisor)  
Town Attorney – Jack Casey**

**From: Robert L. Brunet, P.E.–Water Manager / 811 /Public Health Coordinator** *RYB*

**Date: September 7, 2021**

**RE: Monthly Activities (August)**

**OVERVIEW:**

**In the Municipal Water District, 811 operations, and the Public Health Coordination areas of responsibility, all our requirements were either met or exceeded during this period. The “hottest” issue is presently in the Public Health Coordination area of our responsibility.**

**On the very positive side, all our water test laboratory results continue to be exceptionally good, guaranteeing safe water for our residents.**

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**MONTHLY PUBLIC HEALTH COORDINATION REPORT:**

**During this period, we were able to help three residents with concerns about their wells and septic systems, one on Lynn Road and the other two on Victorian Drive. We provided technical information, provided each with free test kits for well testing. We coordinated their testing so that I could take their test samples to the lab at the beginning of the month with my samples on September 2nd, thereby saving them a trip to the lab. When the test results are received, I discuss the results with them. Additionally, I provide treatment procedures to either fix a problem or to maintain a healthy well. We perform this type of service regularly for our residents. In addition to these three residents, I received and handled many emails and calls from other residents (and also from Sand Lake residents) who**

required similar information, based upon the recent newspaper articles pertaining to the Algonquin Middle School water tests.

As previously mentioned, we have used to use the Capital Region Environmental Laboratory for the past 11 years (previously called Bender Labs). In the Sunday (7/25/2021) issue of the Albany Times Union there was a 2-page featured article, highlighting this laboratory, entitled "Well Intentions"; this article stresses the importance of "Well Testing". This is the same testing lab which the Algonquin Middle School used and the same lab that we take our residents' water samples to, including the 10 pending samples near the Algonquin Middle School.

In Max Ferris' (NYSDOH) and Rich Eider's (RCDOH) recent e-mail to all Public Health Coordinators they urged that we attend the LSL replacement webinar, presented by the Lead Service Line Replacement Collaborative. I attended the webinar and was pleased to learn that it reinforced what I have been presenting to you in my monthly reports. Much more to come; I will keep you informed.

As mentioned above, the hottest issue presently involves PFOA testing:

ISSUE #1- UPDATE ON PFOAs, PFASs & PFOSs:

Of the 12 locations which were offered free well testing, 10 residential homes agreed to be tested. The remaining 2 locations, both businesses, have declined. The test results were recently received with 8 of the ten having results below the MCL of ten parts per trillion, which is deemed acceptable for PFOAs. We have addressed the other two as described in our update on the Poestenkill Town Website. It states:

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Latest News

UPDATE FOR PFOA:

September 3, 2021

As mentioned in our last update on the Town Website, we were planning, with the strong support of the RCDOH and the NYSDOH, to test a number of resident wells for PFOAs. We have recently received test results on the samples of 10 resident wells adjacent to the Algonquin Middle School in Poestenkill. Two of the ten locations tested somewhat higher than the MCL level recently established by the State and all 8 of the other wells were below the MCL requirement; in fact, 7 of the 10 wells showed no PFOA presence.

These tests were established cooperatively by the Town of Poestenkill, Rensselaer County, and New York State public health organizations after a test result came back with elevated levels of PFOA from the Algonquin Middle School in the spring of 2021. After learning of this test result the Town of Poestenkill and Rensselaer County provided free test samples for 10 neighboring properties of the Middle School.

This week those test results came back and 8 of the 10 tests were within the State regulations of 10 parts per trillion (PPT) which is deemed acceptable for PFOAs. Two of the ten wells tested showed results with levels of PFOAs somewhat

higher than State guidelines, one of the wells in the close proximity to the Middle School with results similar to the school's results.

The two property owners with the levels above the MCL are receiving bottled water from the NYSDEC and the DEC is installing a POET system to treat their wells. This "Point Of Entry Treatment" system, also known as a GAC system, will be installed and maintained by the DEC with continued follow-up testing until the problem is solved.

Now that the results of the first 10 locations have been received, we are continuing to work with the RCDOH and are selecting more sites, possibly the next 10, in order to further protect the residents' water and also as an aid to determine the source of the problem.

"We are working closely with county leaders, including County Executive Steve McLaughlin to support our residents", said Keith Hammond, Poestenkill Supervisor. "Residents should know that we are doing everything we can to address those properties which are impacted and we will provide additional testing so that our residents have the information they need to guarantee the safety of their loved ones".

Residents who have any questions are welcomed to contact the Poestenkill Water Manager, Robert Brunet at 518-283-5100 ext.110, or at his email: [waterpoest@nycap.rr.com](mailto:waterpoest@nycap.rr.com). (Attachment 3)

We continue to have an excellent "team approach" working relationship to identify and solve this problem. I have had numerous significant discussions with Rich Elder (RCDOH), Justin Deming (NYSDOH), and Dave Chiusano (NYSDEC) regarding where we go from here. My "position" is that we must go further to protect our residents and to identify the cause of the problem; I have already received a commitment from Rich to perform more tests, based upon the test result locations which we received in the first round of testing. Our next tests (probably another 8 to 10 locations, are strategically designed locations, and include Route 351, Route 66, and one location in the Algonquin Beach Estates. These locations are selected in hopes that we will gleam some further information which will help us determine the source of the problem. Presently, this is not known by any regulatory authority to my knowledge, --- only speculation.

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**The following is a quote from my April 9<sup>th</sup> monthly report for March: UPDATE ON PFOAs & PFASs:**

**"The Poestenkill Municipal Water System is OK for at least 2021 and likely longer. I have re-affirmed with Rich Elder, RCDOH Director, that the POESTENKILL Municipal Water System WILL NOT BE REQUIRED TO TEST FOR PFOAs, PFOSs, OR 1,4-Dioxane at this time (likely for at least a year). This will save the Town a minimum of \$1250 monthly testing fees, beginning in January 2021.**

The reason I have repeated this information is to hopefully reinforce my strong opinions relative to the long term solution to the problem.

Although the EPA has not yet established required MCL standards and does not require testing for 1,4Dioxane at this time, it is just a matter of time before they do so, including MCL requirements for many more of the known 5,000 PFOA



compounds not yet falling under an MCL requirement; presently only 16 are being test for. Because Poestenkill receives our water from Troy's surface water supply, the Tamhannock Reservoir, we do not expect to have a problem, but those who choose GACs might be surprised to find that the GACs do not filter out many contaminants and likely will not meet all the coming MCL requirements and will not remove 1,4 Dioxane. Note the attached article entitled "1-2 Punch takes out 1,4-Dioxane on Long Island". This article states---"However, GAC is not effective in removing Dioxane". The UV treatment is necessary for ground water treatment, not GACs. The known health risks of 1,4-Dioxane include L.I. test results above .35 ppb, the concentration the EPA considers to be a 1-in-1million cancer risk". This UV type treatment is very expensive! Furthermore, it is not optimal for resident home use. (Attachment #1)

### ISSUE #2- UPDATE ON THE FEDERAL AND NEW YORK STATE MAXIMUM CONTAMINANT LEVELS (MCLs) FOR LEAD/COPPER (LCRR) AND THE TOWN'S RESPONSIBILITY AT THE RESIDENT'S HOME.

I continue to be very involved in this issue and the town is meeting all our obligations. We are working diligently, but little is new, and I do not expect additional significant changes or updates for the next 5 to 6 months. Additionally, I have been staying very close to the actions of the "Lead Service Line Collaborative", which describes itself as a "joint effort of 28 national public health, water utility, environmental, labor, consumer, housing and state and local governmental organizations to accelerate full removal of the lead pipes providing drinking water to millions of American homes". This organization is significant in that it is a major force in helping shape the upcoming laws from Washington and Albany which will affect us.

The EPA recently announced that they are delaying the compliance date for the LCRR to October 16, 2024. This Final Rule is effective December 16, 2021. This deadline allows the states to have a full three years provided by the Safe Drinking Water Act to adopt laws and regulations, and that water systems will have enough time to meet compliance deadlines. We are OK and will be compliant.

On 8/26<sup>th</sup> the Albany Times Union posted an article "Lead alternative in pipeline?". The article featured the current EPA Administrator, Michael S. Regan, senior politicians, and numerous Albany County leaders. The article discusses the 14,000 Albany homes presently fed by lead pipes and some of the actions which Albany will be taking to replace these pipes using money from the \$3.25 trillion federal spending plan designed for such purposes, including reimbursement of \$2,000 to each homeowner to replace their lead service line.

As I have stated in a past monthly report " President Biden also included an additional \$23 BILLION in his Infrastructure Plan for "Clean Drinking Water". The WWD publication further details some of the new requirements placed upon our Poestenkill Municipal Water System. The publication states "LCRR places significant new "burdens" on water utilities, which the Association of State Drinking Water Administrators expects will require seven times the resources to

stay compliant". In our case, the additional "burden", as mentioned previously, will be mostly research work and complex record keeping and reporting, (not economic), as required by the EPA. Although the workload will increase, I expect to be able to handle it without any additional help. According to the recent Water World LCRR Webinar, significant requirements of the LCRR include the development of an inventory, the required testing of all schools, required communications with the community, the establishment of new "Trigger Levels" for testing, and required additional testing techniques for residential homes. Again, I expect that the initial "financial impact" on Poestenkill will be minimal but the record keeping, and reporting requirements will be substantial. I have already begun our work involvement."

Our "bottom line" is that we are involved, but we have no significant financial impact, only administrative. FYI, the decisions which we made in the past eleven years regarding service line connection material requirements are serving us well today and saving us money! (Attachment #2)

### ISSUE #3- UPDATE ON THE ALGONQUIN MIDDLE SCHOOL SITUATION:

Discussions are ongoing, but no firm decision has yet been officially announced regarding which option will be pursued to rectify the PFOA/PFOS problem at the Algonquin Middle School (GAC or tie into our water from Troy). My "opinion" is that they will select the Granular Activated Carbon (GAC) option due to lower initial cost and the shorter installation interval. I personally believe that the GAC option is not the best option for the school for the long run; the school would be better served if they choose the Troy water option because they would then be using a surface water supply with significantly less contamination potential. I further believe that this will become obvious as the EPA establishes more demanding water standards. Judith Enck, former EPA Administrator, has recently stated the same reasoning when she commented on the solution for Hoosick Falls; she also recommended Troy water, but I think it unlikely that her recommendation will be followed either, based upon recent public comments by the Hoosick Falls Mayor.

I attended the August 18<sup>th</sup> EPA sponsored "PFAS Technical Support & Scientific Advancements Webinar" presented by Dr. Kate Sullivan, EPA Project Task Coordinator. This webinar provided updates on:

- 1 – The effectiveness of GACs ? – Not Yet Fully Known
- 2 – The 10-state target group study (including Hoosick Falls from N.Y.)
- 3 – It is estimated that >98% of people in the U.S. have measurable PFAS
- 4 – The EPA introduced "NOVEL COMPOUNDS" – "Yet Unknown Harm"
- 5 – There are over 5,000 known PFAS compounds and only 36 PFAS compounds can be quantified at this time.

The "Take Away" from this session is that the EPA requirements are going to quickly be increased and we must be prepared for the upcoming significant changes. Despite these growing demands, I believe that we are well positioned and prepared. In Poestenkill we have been and will continue to be "proactive" --- not "reactive". I continue to receive numerous resident calls related to the Algonquin

Middle School but their reactions to the information which we provide is very positive and appreciative.

Additionally, my attendance on August 18<sup>th</sup> at the EPA sponsored seminar entitled “PFAS Technical Support & Scientific Advancements” was time well invested for planning our future approaches. This seminar discussed many of the future aspects regarding EPA PFAS and 1,4-Dioxane requirements.

### **SPECIAL NOTICE:**

**NOTICE #1:** We have on-going verbal discussions with RCDOH and NYSDOH personnel and continue to have a very cordial and “good working” relationship with them. This quality teamwork significantly helps us, particularly during this period of major EPA activity and increased EPA and NYSDOH requirements. I have also been offered help from Troy (Chris Wheland, Troy Public Works Superintendent) regarding applying for and obtaining grants from the EPA. It is noteworthy that Chris recently received a \$20 million grant to replace his two old 30” and 33” pipes from the reservoir to his water plant on Water Plant Road with two new 36” pipes (total project cost \$40 million with 18 months completion schedule). Chris’ offer could be very helpful should it be required by the school or if we, in the future, decide to expand our system within Poestenkill, or even in the event that the “rumored” possibilities of serving Sand Lake take on more support and momentum.

**NOTICE #2:** The NYSDEC just notified the Public Health Coordinators that the Climate Action Council and Climate Justice Working Group Meetings will be available for public viewing. This 22-member committee will be preparing a Scoping Plan to achieve the State’s bold clean energy and climate agenda, including clean air and clean water initiatives. I am attending these meetings as appropriate and providing input where warranted. Their objective is to complete their recommendations by year-end.

### **THIS MONTH’S CORNY HUMOR:**

I picked up a hitchhiker. He asked if I was not afraid, he might be a serial killer?

I told him the odds of two serial killers being in the same car were extremely unlikely!

### **MONTHLY WATER DISTRICT’S OPERATIONAL REPORT:**

From an overall operational viewpoint everything is going quite well. Looking ahead I continue to stress that, in my opinion, and other than maintaining the safe quality of our water, the single most financial difficulty and necessary operational challenge we have in 2021 and beyond is continuing to find and repair the water leaks in our system; this is our major and continuing focus.

**HYDRANT LEAK** - On 8/13 the leaking hydrant across from the Town Garage at 110 Plank Road was repaired. The leak was caused by stones and dirt damaging and blocking open the hydrant seal and bronze lower hydrant main seating valve so that the leakage was discharged through the “weep hole” at the bottom of the hydrant pipe. Again, the original hydrant installation was not properly done. The proper installation would have included a gravel “bedding” and a “mesh matting” cover under the hydrant. This allows normal operation of the hydrant, keeping out dirt and stones which can harm the hydrant valves over time and usage. In this instance, the “bedding” preparation was never originally done properly when installed, with no gravel or mesh installed, only some larger rocks. We rebuilt the hydrant lower valves, cleaned, flushed, and properly “bedded” the hydrant in gravel. Our subsequent tests are OK – problem fixed.

Based upon the NYLD estimated 10,000 gallon per day (GPD) loss for the Hydrant Leak, this results in an annual savings for Poestenkill of \$18,250 (10,000 gallons loss per day X 365 days/year X \$5 cost to us per 1,000 gallons). Our actual subsequent daily water consumption readings supported this reduced water loss and the estimated savings.

I completed the monthly total testing system re-calibration process on all our coliform testing apparatus to verify accuracy. Everything is good.

During this period, we again had to modify our daily chlorine consumption to be in sync with the Troy and Brunswick chemical changes and the increased chlorine requirements due to the warmer temperatures. This is a relatively frequent required operation which we normally perform.


**Our meter inventory is getting low.** We just received a proposal for a “special deal” from our EJP representative, Chris Goodrich, for us to purchase 32 meters for \$6,400 with a savings of \$2,480. This equates to \$200 for each meter, the same price which we paid in 2019, which was negotiated in 2018. **I recommend that we accept this proposal while it is still available.**

We received the monthly test results from the Capital Region Environmental Laboratory for Total Coliform levels and E-Coli presence. All results were excellent; our water is “satisfactory”.

**New contractor and resident water installations have significantly increased.** During this period 14 new service line hookups have either been completed or are in progress. Also, noteworthy, is the fact that many homeowners are performing their own installations, thereby saving themselves significant dollars, at least \$2,000 each.

**LOST WATER:**

## AWWA Water Operator Field Guide



**Robert L. Brunet, P.E.**  
*Water Manager*

**Town of Poestenkill**  
Office Hours: Mon. - Fri. 8:30am - 10:30am

Poestenkill Town Hall  
38 Davis Dr.  
P.O. Box 210  
Poestenkill, NY 12140





(518) 283-5100 Ext. 102  
(518) 283-7550 Fax  
(518) 805-9002 Cell  
E-mail: [waterpoest@nycap.rr.com](mailto:waterpoest@nycap.rr.com)

American Water Works  
Association

The Authoritative Resource on Safe Water®

### Water Waste From Leaks

\*The amount of water wasted at 40 psi (a low water pressure) or 100 psi (high pressure) would be:

	Diameter of Leak in.	Gallons of Water per Day at	
		40 psi	100 psi
	1/8	2,550	3,700
	1/16	650	950
	1/32	160	230
	1/64	40	60

You have frequently heard me discuss lost water. Here, I have shown page 232 of my WATER OPERATOR FIELD GUIDE which details the volume of water wasted from any source, frequently a toilet. I regularly work with homeowners based upon my computer analysis of their increased water usage, as read in our quarterly meter readings for billing purposes. It is noteworthy that a small 1/8 inch leak @ 40 psi (the normal internal home pressure) generates 2,550 gpd (gallons per day) of lost water. This equates to 930,750 gallons per year. At a cost of \$5 per thousand gallons, this equates to a cost of \$4,654 per year. If you question this amount, remember that 2,550 gpd equals 106.25 gallons per hour which equals 1.77 gallons per minute (intuitively, this seems more reasonable).

I have encountered a number of homes where their monthly usage and billing was very irregular because of a leaky toilet. I call the resident on every occasion and we “nip this problem in the but” where possible. One recent homeowner on Plank Road asked how he could fix his problem. I directed him to Home Depot and explained to him what he needed to do. He called back to say that his problem was fixed, and he very much appreciated our help.

A 1/8 inch leak may not seem like a lot of water in our system, but when you realize that our system operates at a pressure of over 100 psi and that this small leak equates to 3,700 gpd lost water, 1,350,500 gallons per year, which costs \$67,525 per year. The general public have no concept of these potential losses and costs, so you can better understand why my main efforts (other than safe water) are devoted to leak locating.

### **TRAINING:**

During this period of COVID-19 various quality organizations have continued offering **free webinars** which we have been taking full advantage of. Some of these programs are sponsored by the **EPA**, some by the **DEC**, some by the **NYSDOH**, and others by **industry experts**. Additionally, participating in these seminars keeps us “up to date” technically and provides knowledgeable contacts for future reference in varied disciplines.

In August, I attended “**free webinars**” appropriate to our ongoing operations. For these training sessions I received CEU hours for my **Grade C Water Operators License renewal**, and for my **NYS Professional License renewal**, and for other licenses which I hold. The free training webinars, normally 1 hour each, which I attended during this period are:

- August 3–EPA-Resource Efficiency in Controlled Environment Operations**
- August 5 –NoonPi - Engineering Ethics: The Ford Exploding Fuel Tank**
- August 5 – EPA – Global Change Explorer**
- August 10 – GEOSYSTEMS – Stabilizing Intermodal & Port Yards**
- August 11 – Best Practices-Leveraging Digital Technologies, Decarbonation**
- August 12 – NoonPi – Performance Verification for Corrosive Environments**
- August 12 – EPA – Continuity of Operations Plan (COOP) Template Training**
- August 17 – INNOVYZE – “Water Talks” - Infowater & Hydraulic Modeling**
- August 18 – EPA – PFAS Technical Support & Scientific Advancements**
- August 19 – XYLEM – Side Stream Biological Phosphorous Removal**
- August 24 – GEOSYSTEMS – Extend the Life of Paved & Unpaved Roads**
- August 24 – SNWA – “Utility / Lab Talk”**
- August 25 – AQUAFIX – The Truth About Bacterial an Enzyme Supplements**
- August 25 – BENTLEY – Powerful Water Modeling on Virtually Any Platform**
- August 26 – NYS – Climate Justice Working Group**

Especially noteworthy is my attendance on August 18<sup>th</sup> at the EPA sponsored seminar entitled “**PFAS Technical Support & Scientific Advancements**”. In tune with our local Algonquin Middle School situation this seminar discussed many of the future issues and aspects regarding EPA PFAS requirements.

### **POESTENKILL MUNICIPAL WATER DISTRICT TESTING:**

Each month, FYI, I review the daily details of our testing results which rely largely on our strict dedication to following specific detailed procedures, thereby insuring safe water for our residents. This requires our seven day per week testing and maintaining the proper chemical balance in our system, regardless of the varying chemical input levels which we receive from Troy and Brunswick. These results, along with the Capital Region Environmental Laboratory test results, are then forwarded to the RCDOH as the 360 Monthly Report.

**On September 2<sup>nd</sup> I took the third NYSDOH quarterly required testing for THMs (Total Trihalomethanes) and HAA5 (Total Haloacetic Acids), and their associated compounds. These are critical tests because they are key components of our Annual Water Quality Report for 2021. These tests were taken at The Town Hall and at the Fire Company, as directed by the RCDOH. I am pleased to inform you that our past test results were all significantly better than the MCL requirements. The THMs tested at 41.0 ppm compared to the MCL of 80.0 ppm and our HAA5 tested at 26.3 ppm compared to a MCL requirement OF 60 ppm. We will shortly be receiving the test results for this quarter and I will report them to you in next month's report. We are presently scheduled to take our 4<sup>th</sup> quarterly test readings on December 1<sup>st</sup>.**

### **RESIDENT ISSUES AND REQUESTS THIS PERIOD AND STATUS OF SPECIFIC ROUTINE WATER OPERATIONAL FUNCTIONS:**

**SCHOOL STREET SUBDIVISION:** We are continuing to work with the developer and his Water Installer on the new subdivision on School Road. There are 4 homes which are being constructed, each with its own water line. These lots were never provided with curbstops and are not hooked up to the 12" main. They therefore require "**Wet-Taps**", a critical work process involving drilling and taping into our 12" water main without turning off the water. I have met with the developer and his water contractor to discuss what our standards are and what my inspection process requires; they understand, and I will be very carefully performing inspections for all 4 lots to insure quality installations, with no negative impact on our existing system. **The "wet-tap" and the remainder of the installation for the 1<sup>st</sup> home (4 School Street) were successfully completed. FYI, we received \$290 for this inspection work, \$250 for the unique wet-tap permit and \$40 for the normal permit for the remainder of our installation inspections. On 7/14/2021 the 4 School Street home was sold, and the contractor took out permits to begin work on the second home at 2 ½ School Street. As with # 4 he will require another wet tap. We will receive \$ 565 payment for the wet tap fee (\$250), \$40 normal water hookup fee, and the \$275 meter charge. As always, I will carefully monitor the installation, particularly the wet tap into our 12" main, since it is the most critical portion of the entire installation job. The 811 mark out ticket for the pole and the anchor for this job was uniquely interesting (and potentially dangerous), in that when I went to the location of our 12" main water pipe, I noticed that the contractor's stakes were too close to our pipe; I called the contractor, in addition to performing the mark out and placing flags, and suggested that he use his**

**“vacuum truck” rather than vertical boring. He agreed. Had he just bored so close to our 12” main, it could have been a major problem for him and for us!**

We are working with other contractors and homeowners regarding new water service line installation requirements. These work functions include permit issuance, discussing our technical equipment requirements with the contractor, providing the **necessary equipment** to the owner, and performing the required inspections at each location to insure proper excavation depth, proper “rough” underground plumbing, the required 15 minute 100 psi static water pressure test, line flushing, and the Final Inspection required to insure that all Town and NYS installation requirements have been met. We then finalize the installations by formalizing the account information into our data bases for record and billing operations.

For your information, when referring to the **necessary equipment**, I am referring to the equipment including the shut off valves, Pressure Gauge, Backflow Preventor, Yoke to hold our meter, Pressure Reduction Valve, Universal Joints, and other fittings required for our installation. Eleven years ago, when we first started the water installations, I wanted “quality” equipment and not some lesser quality conglomeration of parts. I met with the president of Ramsco and Jim agreed that they would assemble “kits” of quality manufactured components (ie: Ford) for our various installation configurations and give them to the Town for disbursal and collection of costs, which we submit to Ramsco (now Core & Main). This has been a mutually beneficial arrangement for Core & Main and Poestenkill. Our contractors and homeowners love the convenience and quality products. The procedure has worked very well for the last eleven-years, over 400 installations. The Town has not had to outlay any money whatsoever. Sue Horton disburses the kits, collects the money, maintains the inventory, and interfaces with Core & Main. Sue has done an excellent job.

A resident recently came in to obtain the necessary permit, equipment, and meter to connect to our water system at 120 Weatherwax Road. During the discussion she asked where she could purchase a new curbstop cap to replace the one which was knocked off while lawn mowing. We went out that day and replaced the cap with a spare from our inventory, at no cost to her. She was very appreciative of our help and rapid response and she said that they will shortly be installing the water installation themselves with considerable savings due to the long service line, likely \$4,000 savings compared to a contractor. During the third week of August the installation was completed, and the owner stopped in my office to return the testing equipment which I loaned her. She was very appreciative of our help and the fact that everything went smoothly, thanks to our help.

Successfully responded to several weekend and nighttime emergency ACU calls to my cell regarding Pump Station problems needing immediate attention; these alarms are generally “no power” alarms.

On 8/9 Town Hall received a call from a resident on Grandview Drive who had a leaking water unit in her basement. When I called and spoke to the woman it was not difficult to analyze the problem as a defective pressure gauge and it would normally be the resident’s responsibility to call a plumber. In this instance I told the older woman that we would be there at 6 pm to help her and save her the cost and inconvenience of calling a plumber; a savings to her of over \$100 to \$150. At 6pm we rectified the problem within 10 minutes. The resident was extremely appreciative of the town’s help. She asked how



much does “this cost” and we told her “nothing”. She said that she “loves” Town Water and again expressed her very real appreciation. This exemplifies the type of help we offer to each resident, when possible.

On August 11<sup>th</sup> I received a very unusual call from a resident on Furry Road. He stated that he was hearing a “noise” coming near his water meter when he was using either of his external hose faucets, but not when he was using any of his internal appliances. After completely analyzing the situation, I told him that we would stop by on Sunday, 8/15, at 8 am to help analyze the problem. We isolated various system components and determined that the problem was a defective Backflow Preventer, which we replaced. He was very appreciative of our help and paid for the new Backflow Preventor.

Each month we have provided final billing information to owners, realtors, and their lawyers when the residents have sold their homes. Our **“Procedure”** is helpful to them in that it saves both the old owner and the new owner about \$120 each (turning the curbside water off/on, taking readings, etc.), while at the same time allowing us to meet their urgent timeframes; it also insures that we get the new owner’s name and contact information for our records, as well as getting paid. The realtors and owners have told us how much they appreciate our rapid response to their needs with no charge. We handled many of these closings in a short timeframe this period

We performed the periodic inspections of our Water Tank on Hinkle Road, both the tank itself and the exterior ground area; all is well. We also mowed the grass and cut the weeds as part of our exterior ground maintenance work at both the Tank and at our Pump Station.

We picked up required items from Tremont and Agway for the Water District operations.

Performed daily (24/7 - both physically and remotely) overall inspections of the Pump Station status to ensure operational performance. I periodically remotely (via phone) call the ACU at the pump station to monitor the station’s performance, on a 24/7 basis. Paying attention to our **“PREVENTIVE MAINTENANCE”** programs is much more desirable than having to repair a problem after it has caused a severe and costly service interruption.

Documented the periodic high and low water meter readings at the underground metering vault pits (at Creek Road and Spring Avenue Extension) to be used in evaluating our water supply, usage, and leakage. These readings represent the volume of water supplied from Troy and Brunswick and are used in conjunction with other readings taken throughout our water system to identify problem areas and also to substantiate the billing which we receive from Troy and Brunswick every six months.

Our main operational focus, as mentioned earlier, is the **quality and safety** of the water supplied to our residents. I am happy to report that all our test results during these last two months were returned from the labs (with a copy automatically sent to the RCDOH) and all were “satisfactory”. As a matter of fact, we did not miss any of our MCLs during all of 2020 and 2021

Performed required NYSDOH functions for our system; for example, take daily (7 days per week) water pumping volume data at the Pump Station, add chlorine as required, and test water samples at Town Hall. This daily chemical test measures “Free Chlorine Residual At Entry Point.” and measures the Chlorine level as a deterrent Coliform and to

E-coli. This 7 days per week information is then entered onto the NYSDOH 360 Report daily, which is submitted to the RCDOH and the NYSDOH each month, along with the monthly Capital Region Environmental Laboratory test results report.

**Prepared and submitted required NYSDOH Monthly 360 Report and Lab reports to the RCDOH for August 2021. All our Town tests and the Laboratory test results for this period were satisfactory.**

Cleaned various Valve Piping components at the Pump Station; this is an area requiring continuous routine maintenance and is critical to the proper chlorination process. The chlorination process, by its very nature, causes solidified calcium blockages in the lines and at discontinuity points in the system which must be periodically cleared, usually with CLR, and occasionally by component replacement. There are many potential trouble spots in the system which, when partially clogged, will reduce the LMI pump output efficiency and will affect the daily Chlorine Residual test results taken by us and submitted monthly to the RCDOH and NYSDOH.

We picked up 30 gallons of 12.5% sodium hypochlorite from Agway for daily use at the pump station in the chlorination process.

We performed the monthly maintenance functions on the large emergency generator located at the pump station; some of these functions involve running the generator for a period, exercising the batteries, and checking the output voltages for accuracy. We also performed the monthly operational tests on the portable 5 KW generator used for field emergency issues. Both generators are presently functioning well and are ready for emergency use, should we need them.

**During this period, Sue has been successful in collecting some long overdue water bill payments (due to "difficult residents") and I want to complement her on her perseverance, resourcefulness, and success. This was not easy during this period of Covid-19, but Sue "stuck with it" on a couple of these difficult accounts and she succeeded!**

### **811 MONTHLY REPORT:**

**From an overall viewpoint everything continues to go quite well in the 811 operation. During this period, we were very busy, receiving a total of (30) 811 tickets, including many pole replacements. All 811 Dig Safe daily requests (tickets) were received and responded to appropriately and in a timely fashion. Additionally, we receive daily audits, and each has been excellent, with no late responses on our part.**

The 811 tickets are initially generated by homeowners, utility companies, and by individual contractors. On each of these tickets I receive, mostly "ROUTINE" and some "EMERGENCY", I pull the respective Plats for the section of our water system. I next check our water records to determine if the location is connected to our system, and if so, what the routing of the service line is. I then call or meet with the Field Contact, discuss

what they are planning to do. I visit the location and then I provide the details of our water system (and culvert pipe info) to the contractor, mark out the pipe locations when appropriate, and we exchange telephone numbers and I ask to be kept informed if the schedule is changed. This process must be completed within 48 clock hours or the Town would be fined and held accountable by the 811 organization in Syracuse. I then follow up (visit the work location) when the job is progressing to ensure that no problems occur.

On one of the recent 811 mark out requests for #2 School Street, the proposed pole and anchor placement was too close to our water main for "comfort", based upon my visit to the location to perform the mark out. I contacted the contractor on August 11<sup>th</sup> and he agreed to bring out a vacuum truck, as opposed to using a pole digger for the 8' deep vertical bore. I believe that our actions averted a problem in this instance.

On September 1st I attended the annual NYS DIG SAFELY "Damage Prevention Conference & Expo" at Saratoga Springs. This was an excellent and worthwhile combination of classroom presentations and exhibitor sessions. It also fulfilled the Town's requirements for 811 training for 2021.

We receive and must respond to the daily "Dig Safely Audits" (seven days/week) and we have continually met all our obligations. We also receive daily NYS DIG SAFELY notifications and other reports, verify accuracy, and respond as required. I am continually involved with the 811 personnel to ensure adequate updates for the Poestenkill Exactix and the Corsetta 811 computer systems.

The power and communication companies have for the most part completed replacing old poles and guy wires for this summer, so from now on we will be handling pole replacements generally on an "emergency basis" only, and for new subdivisions. The following 811 Mark-out Requests exemplify the types of requests which we received this period: Sign (NYSDOT), In Ground Pool, Water Line Repair, Install Culvert, Replacing U.G Pipes, Septic Tank, Basketball Court, Install Bollards, Concrete Pad, Planting Trees, Pole Replacement, Tree Planting, Culvert Work, Flagpole, Stump Grinder, Utility Repair, Invisible Fence, Installing Electric Service, Burying Cables, Foundations, Additions, Retaining Wall, New Driveway, Fence, Walkway, New Water Service installations, etc.

# WaterWorld

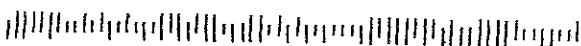
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## Green Infrastructure

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(ATTACHMENT #1)

# 1-2 Punch takes out 1,4-Dioxane on Long Island

UV treatment, advanced oxidation employed  
for groundwater dioxane control

BY SCOTT BINDNER

**C**ommunities on Long Island, New York, almost exclusively rely on groundwater as the drinking water supply. Although groundwaters are typically considered to be a clean source with reduced levels of pathogens, United States federal regulations require that water utilities routinely monitor and report any biological or chemical contamination above regulated limits, referred to as the maximum contaminant level (MCL). Contamination above established MCL guidelines may require treatment to achieve and maintain regulatory compliance.

A contaminant of significant concern in Long Island groundwater is 1,4-dioxane. This compound does not have an established federal MCL in the United States, and if detected, treatment is not mandatory. However, the United States Environmental Protection Agency has classified 1,4-dioxane as "likely to be carcinogenic to humans."

As early as 2010, drinking water providers on Long Island became aware of 1,4-dioxane in local aquifers and began discussing possible treatment technologies, but little was known at the time about the extent of the contamination. In 2012, EPA released its third Unregulated Contaminant Monitoring Rule (UCMR3), requiring public water systems (PWS) across the United States to monitor for 28 contaminants, which at the time were not covered by federal MCL regulations and did not require routine monitoring. 1,4-dioxane was on this list. On Long Island, data indicated that approximately 70 percent of groundwater wells for public supply contained 1,4-dioxane concentrations above the minimum reporting limit of 0.07 parts-per-billion (ppb). This was likely the result of improper chemical disposal by various industries. Furthermore, approximately 25 percent of UCMR3 tests showed levels above 0.35 ppb, the con-



The Suffolk County Water Authority was the first utility on Long Island to investigate an advanced oxidation process utilizing hydrogen peroxide in combination with ultraviolet light to reduce 1,4-dioxane concentrations. Photos courtesy Trojan Technologies.

centration the EPA considers to be a 1-in-1,000,000 cancer risk in drinking water.

The properties of 1,4-dioxane include a low molecular weight and high solubility in water. This allows rapid solvation and longevity in groundwater aquifers. Water utility personnel on Long Island have spent the last decade studying, quantifying, testing, and installing treatment solutions to remove this contaminant.

#### UV AOP

A heterocyclic ether, 1,4-dioxane is has been employed as a chemical stabilizer, often in combination with various volatile organic compounds (VOC), most notably species of trichloroethylene (TCE) and trichloroethane (TCA). These chemical contaminants have established federal MCLs and monitoring

requirements. Accordingly, Long Island water utilities implemented cleanup methods for TCA at locations where it was detected. Granular activated carbon (GAC) filtration has been common for TCA removal due to ease of equipment installation and operation, and the ability of the media to adsorb a broad range of chemical contaminants. However, GAC is not effective in removing dioxane. Prior to 2008, the analytical detection limit for 1,4-dioxane was 3.0 ppb, much higher than the EPA's recommended reporting limit of 0.07 ppb. But with modern analytical capabilities, Long Island water providers confirmed observations from others that GAC filtration is much less effective at adsorbing 1,4-dioxane than other VOCs. This has been attributed to the high solubility of 1,4-dioxane, which is why it remains in the water.

The Suffolk County Water Authority (SCWA) was the first utility on Long Island to investigate an advanced oxidation process (AOP) utilizing hydrogen peroxide in combination with ultraviolet (UV) light to reduce 1,4-dioxane concentrations. UV AOP breaks the chemical bonds of organic chemicals, as opposed to GAC that adsorbs but generally does not alter the chemical structure. Tests began with a small pilot unit at SCWA's Commercial Boulevard pump station in 2012. UV light introduced within a pressurized steel chamber dissociates injected hydrogen peroxide ( $H_2O_2$ ) into highly reactive hydroxyl radicals. These radicals have an extremely high oxidation potential, and can attack many organic compounds, including 1,4-dioxane. The pilot program treated up to 200 gallons per minute (GPM) of groundwater and exhibited greater than 1-log (90 percent) 1,4-dioxane removal at  $H_2O_2$  concentrations of 2 ppm and above (Fig. 1). The pilot also showed effective removal of other VOCs, including TCA (Fig. 2).

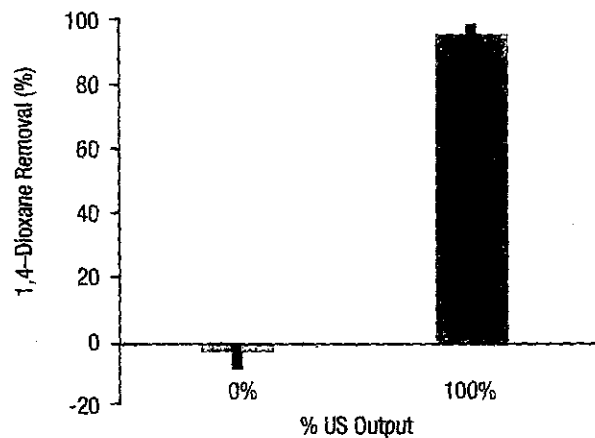
#### INSTALLATION AND SUBSEQUENT REGULATORY APPROVAL

After the successful pilot testing of UV AOP, full-scale design became the next step. The result was installation of a TrojanUVPhox®72AL75 system to treat a maximum flow of 1,100 gpm. A 1.7-log (approximately 97 percent) removal of 1,4-dioxane was guaranteed. The unit was installed in 2016, with follow-up performance verification (Fig. 3). The results exceeded 1.7-log dioxane removal, and subsequently, the New York State Department of Health (NYSDOH) officially approved UV AOP technology as the Commercial Boulevard site's 1,4-dioxane treatment process at the start of 2018.

#### GROWTH AT MULTIPLE GROUNDWATER EXTRACTION SITES

In late 2018, a Drinking Water Quality Council established by the NYSDOH recommended a state-wide enforceable 1,4-dioxane MCL of 1 ppb that was made law in the summer of 2020. This law mandated that all water providers in the state monitor for 1,4-dioxane and, when routinely detected concentrations above the MCL, incorporate treatment.

**Figure 1:** Pilot test results showing 1,4-dioxane removal at indicated  $H_2O_2$  concentrations (ppm).



Data from the UCMR3 revealed that 20 different PWSs in New York State had 1,4-dioxane levels above this MCL. Additional data from the UCMR3 indicated MCL exceedance for 56 separate well sites on Long Island.

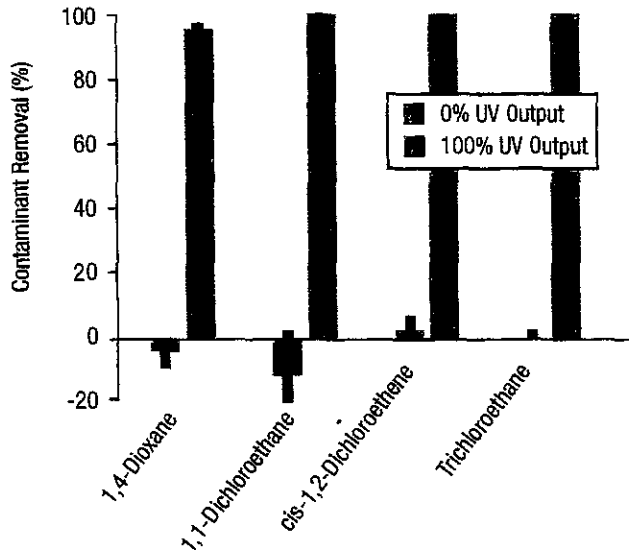
Per the results from the Commercial Boulevard project, other Long Island water suppliers began to adopt full-scale UV AOP. The Bethpage Water District in Nassau County became the second utility on Long Island to install a full-scale UV AOP system at its Plant #6 well site. This application was more challenging than Commercial Boulevard because it required removal of over twice the amount of 1,4-dioxane. Designed for 3.89-log (99.98 percent) 1,4-dioxane removal, the system has four times the embedded UV output. The process was approved by the NYSDOH and commissioned in 2019.

Further testing and installation of UV AOP technology continued in Nassau County, with the critical first step being quantification of important water parameters that can influence UV AOP performance, including nitrate, UV transmittance (UVT), and scavenging term.

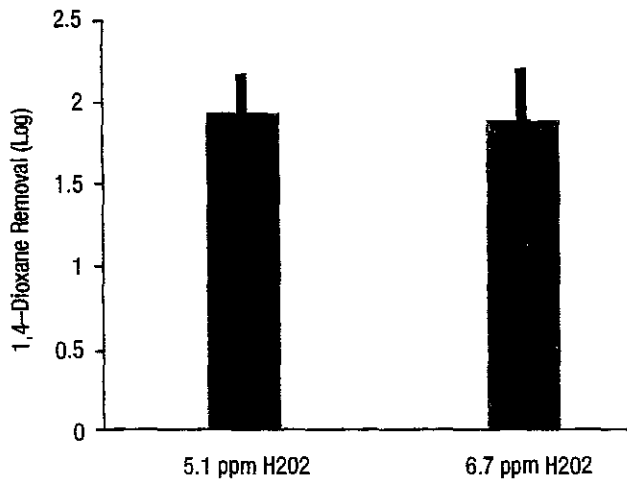
Over 500 water samples from more than a dozen different utilities in Nassau County exhibited high variability in these parameters. For example, nitrate concentrations had a standard deviation of greater than 60 percent from the average value of 20.5 ppm. Similarly, the variation in the scavenging term was 70 percent. The parameter that showed the most consistency was UV transmittance (UVT) with only a 4.3 percent standard deviation. These results highlighted the need for site-specific water analyses and additional pilot testing as a prerequisite for full-scale UV AOP design. Parameters critical to UV AOP performance exhibited both significant regional and seasonal variability across even the relatively small geographic area of Nassau County.

Because of the many well supplies that required testing, Trojan Technologies personnel assembled mobile units for extended pilot testing, which utilized the same low-pressure lamp technology designed into full-scale UV AOP systems.

**Figure 2:** UV AOP removal of other organic compounds with a delivered H<sub>2</sub>O<sub>2</sub> dose of 4 ppm.



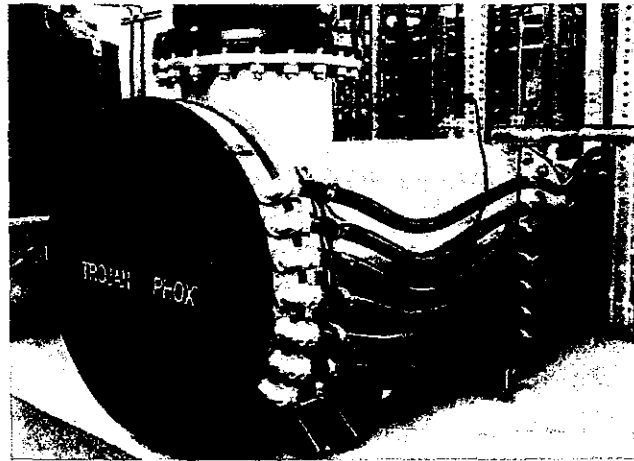
**Figure 3:** Full-scale performance testing results at the Commercial Boulevard site.



The pilot unit was erected on a single skid and mounted onto a truck to allow for rapid transport, assembly, and commissioning. With the assistance of local engineers, pilot tests at individual well sites were conducted over two- to four-week periods. The arrangement offered efficient transport of the unit from site to site and allowed over 45 independent pilot studies within a 450-square-mile area. NYSDOH subsequently approved full-scale UV AOP groundwater remediation at the facilities.

#### FINAL DESIGN AND FULL-SCALE INSTALLATIONS IN NASSAU COUNTY

The UV chamber at the Bethpage Water District Plant #6 site had a Z-shaped configuration. In this design, the lamps are installed parallel to the water flow. This layout doubles the required building space, as electrical connections and maintenance access for the lamps are only available from the ends of the chamber. To overcome space constraint issues at other, smaller



A TrojanUVPhox 72AL75 UV AOP system was installed in 2016 at SCWA's Commercial Boulevard pump station.

sites on Long Island, side access to the UV chamber was a necessity. Therefore, a UV chamber with an in-line design with lamps situated perpendicular to the water flow became the design for these other installations. Additional enhancements included UV lamps with twice the output, thus reducing the total lamp count by 50 percent. These features collectively lowered the footprint of the new systems by over 35 percent.

Procurement of the new systems began in late 2019, and the first full-scale installations occurred in Nassau County in early 2020 at multiple well sites of the Bethpage Water District, Hicksville Water District, and Plainview Water District. Commissioning and performance testing was required at each site for subsequent NYSDOH approval to distribute water to end-users. Plant #5 at the Bethpage Water District was the first facility to achieve this milestone, receiving its permit in the summer of 2020, just at the time the NYSDOH finalized its 1,4-dioxane MCL. In total, over 40 full-scale installations are expected across Nassau County by the end of 2021. These facilities will have the capacity to remove 1,4-dioxane from over 50 million gallons of water per day.

#### CONCLUSION

The efforts undertaken on Long Island to detect, quantify, and mitigate the threat of 1,4-dioxane in local drinking water has been a decade-long process requiring multiple stakeholder involvement including water utilities, regulatory agencies, numerous consultants and technicians, and technology experts. Through these efforts, Long Island has successfully managed the 1,4-dioxane regulations established in New York State and UV AOP technology continues to be among the best available groundwater remediation technology for 1,4-dioxane and other groundwater contaminants such as TCE and TCA. **WW**

About the Author: Scott Bindner is a market analyst with Trojan Technologies. He can be reached at [sbindner@trojantechnologies.com](mailto:sbindner@trojantechnologies.com).



Will Waldron / Tir

EPA Administrator Michael S. Regan highlights the benefits of water infrastructure investments Wednesday with U.S. Rep. Paul Tonko, left, Sen. Neil Breslin, Albany County Executive Dan McCoy, Albany Mayor Kathy Sheehan, right, and other officials.

8/26/24 (ATTACHMENT #2)



EPA Administrator Michael S. Regan highlights the benefits of water infrastructure investments Wednesday with U.S. Rep. Paul Tonko, left, Sen. Neil Breslin, Albany County Executive Dan McCoy, Albany Mayor Kathy Sheehan, right, and other officials.

# Lead alternative in pipeline?

*Federal spending plan seen as a way to pay for removal of tainted, pre-war conduits*

**By Rick Karlin**

*Albany*

There are an estimated 14,000 lead pipes that supply drinking water to people's homes in the city. On Wednesday, workers tore one of them out and replaced it with a safe, lead-free version of a service line that connects the water main to the home.

"One down, 14,000 to go," Albany Mayor Kathy Sheehan said at a press conference with U.S. Environmental

Protection Agency Administrator Michael Regan, U.S. Rep. Paul Tonko and others to promote a cost-sharing program to replace the aging pipes and to rally support for President Joe Biden's \$3.25 trillion federal spending plan, which would include money for such infrastructure improvements.

"We need a national investment so we can accelerate getting the lead services out," Sheehan said.

Many of the service lines, which are the homeowner's responsibility, date to the 1930s or earlier when lead pipes were still in use. Older cities such as Albany are full of them.

While valued for its flexibility and durability, lead also contains neurotox-

ins that are especially harmful to children. It's been phased out in plumbing as well as house paint over the years.

There are ways to guard against ingesting minute levels of lead that might leach from a service line, such as running the tap for a few seconds before filling a glass. And it's not viewed as a hazard on par with lead paint, which young children can unwittingly swallow or chew.

But most agree that the lead plumbing should eventually come out.

"There is no safe level of lead," said Albany Water Commissioner Joe Coffey.

The program being showcased Wednesday is run by the city and can reim-

Please see **PIPES C2** ▶

# PIPES

▼ CONTINUED FROM C1

burse homeowners up to \$2,000 to replace a lead service line.

The house being worked on at Wednesday's event, at 515 Second St. in the West Hill neighborhood, was a rental home. The owner noticed a leaking service line, a typical way

that people end up replacing those pipes.

People of color live in many of the city's older neighborhoods, giving a social justice component to the need to replace the aging, tainted pipes. Lead-tainted water made national headlines starting in 2014 with revelations that water in Flint, Mich., was heavily tainted with lead and bacterial contami-

nants. In that case, however, the drinking water wasn't treated with corrosion inhibitors, which allowed excessive levels of lead to leach out.

Albany, in compliance with federal guidelines, uses corrosion treatments to minimize the leaching. The Water Department says that 90 percent of the homes tested were below the lead levels that trigger

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recommendations for remedial action.

Additionally, the city can also provide free water filters when a home's drinking water tests above 10 parts per billion.

While the program being showcased on Wednesday was state and locally funded, Sheehan and others said they were hoping that the \$3.5 trillion "Build Back Better" spend-

ing plan Biden is pushing to get through Congress would pass. That would free up federal dollars for pipe replacement. The U.S. Department of Housing and Urban Development provides money for lead paint removal, and a similar program for pipes would be helpful, Sheehan said.

Regan noted that Biden's plan includes \$55

billion for projects like service line replacements as well as PFAS remediation and drainage improvements for storm water.

The methods and programs for replacing service lines are well-established. "We're not reinventing the wheel," said Regan.

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518 454 5758  
@RickKarlinTU

# Town Of Poestenkill



## Homepage

Search Website:



**See Business Association Auction August 28, 2021 to see details please look**

### Latest News

#### UPDATE FOR PFOA:

September 3, 2021

As mentioned in our last update on the Town Website, we were planning, with the strong support of the RCDOH and the NYSDOH, to test a number of resident wells for PFOAs. We have recently received test results on the samples of 10 resident wells adjacent to the Algonquin Middle School in Poestenkill. Two of the ten locations tested somewhat higher than the MCL level recently established by the State and all 8 of the other wells were below the MCL requirement; in fact, 7 of the 10 wells showed no PFOA presence.

These tests were established cooperatively by the Town of Poestenkill, Rensselaer County, and New York State public health organizations after a test result came back with elevated levels of PFOA from the Algonquin Middle School in the spring of 2021. After learning of this test result the Town of Poestenkill and Rensselaer County provided free test samples for 10 neighboring properties of the Middle School.

This week those test results came back and 8 of the 10 tests were within the State regulations of 10 parts per trillion (PPT) which is deemed acceptable for PFOAs. Two of the ten wells tested showed results with levels of PFOAs somewhat higher than State guidelines, one of the wells in the close proximity to the Middle School with results similar to the school's results.

The two property owners with the levels above the MCL are receiving bottled water from the NYSDEC and the DEC is installing a POET system to treat their wells. This "Point Of Entry Treatment" system, also known as a GAC system, will be installed and maintained by the DEC with continued follow-up testing until the problem is solved.

Now that the results of the first 10 locations have been received, we are continuing to work with the RCDOH and are selecting more sites, possibly the next 10, in order to further protect the residents' water and also as an aid to determine the source of the problem.

"We are working closely with county leaders, including County Executive Steve McLaughlin to support our residents", said Keith Hammond, Poestenkill Supervisor. "Residents should know that we are doing everything we can to address those properties which are impacted and we will provide additional testing so that our residents have the information they need to guarantee the safety of their loved ones".

Residents who have any questions are welcomed to contact the Poestenkill Water Manager, Robert Brunet at 518-283-5100 ext.110, or at his email: [waterpoest@nycap.rr.com](mailto:waterpoest@nycap.rr.com).

(ATTACHMENT 3)

**Update on Algonquin Middle School Water Tests:**  
**From Bob Brunet – Poestenkill Water Manager**

In our last update we quoted numerous NYSDOH statements which reassured us that the school's water "does not pose a significant health risk" and "Your water continues to be acceptable for all uses". I stated that "even though the school's test results are barely above the MCL, the school is taking action which will improve the water quality". We have stayed involved in this issue and believe that the school is close to deciding which remedial option will best fit their needs. We will keep you informed.

During the timeframe since our last update, Supervisor Keith Hammond, Deputy Town Supervisor Eric Wohlleber, and I have been actively working with the RCDOH and the NYSDOH to further insure that the wells nearby the school are providing safe water for our residents. As a result of this activity we have recently received a commitment from Justin Deming, Chief, Regions 4, 5 & 8 -NYSDOH, Bureau Of Environmental Exposure Investigation, that the State, with our involvement and the involvement of the RCDOH, will test at least 12 home wells in the area to reinforce that the water is safe to consume. This Bureau is the responsible agency which looks into potential exposures to chemicals in the environment.

As always we will keep close to this issue and will notify you of results.

This is a follow-up to our February 27, 2021 report on the situation involving the Algonquin Middle School water tests. There has been aggressive action involving various organizations, the Algonquin School personnel, the Rensselaer County Health Department (RCDOH), The New York State Department of Health (NYSDOH), the Capital Region Environmental Laboratory (CREL), and the Town of Poestenkill organization, including the Town Supervisor, the Town Board, and the Poestenkill Water Manager. As this team continues, we will post the latest status on this website. But now we want to hopefully alleviate some anxiety by presenting PFOA facts regarding our situation from the NYSDOH. This information was provided in the NYSDOH notification Message Template for PFOA where test results were less than 35 ppt, as compared to the newly established 10 ppt in NYS, one of the lowest MCLs in the nation. The statements which the NYSDOH provided are very important. Briefly, they are:

1.

\_\_\_\_\_

The MCL is set well below levels known or estimated to cause health effects.

\_\_\_\_\_

2.

\_\_\_\_\_

Consuming drinking water with PFOA at or somewhat above the MCL does not pose a significant health risk.

\_\_\_\_\_

3.

\_\_\_\_\_

Your water continues to be acceptable for all uses.

\_\_\_\_\_

4. \_\_\_\_\_  
\_\_\_\_\_

At the level of PFOA detected in your water, exposure from drinking water and food preparation is well below PFOA exposures associated with health effects.

Robert Brunet, Poestenkill Water Manager said "The New York State Department of Health (NYSDOH) has adopted a drinking water regulation that requires all public water systems to test for PFOA. If found above the MCL of 10 ppt, the water supplier must take steps to lower the level to meet the standard. So, even though the school's test results are barely above the MCL, the school is taking action which will improve the water quality. I assure you that we will stay involved to protect your interests and will keep you informed".

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**The next Town Board meeting will be at the Poestenkill Town Hall on Thursday, August 19, 2021 at 7pm. If you would like to join via zoom the zoom information will be provide prior to meeting.**

**If you have any questions or concerns please contact Town Hall 518-283-5100.**

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**The next Planning Board meeting will be held on September 7, 2021 at the Poestenkill Fire Hall At 7pm.  
*All Planning Board meeting will be held at the Poestenkill Fire Hall until futher notice.***

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**The next Zoning Board meeting is Cancel for ~~August 10,2021 at 7:00pm~~ at the ~~Poestenkill Fire Hall.~~**

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Please practice social distancing and wear your mask to all meetings.

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Due to the COVID-19 Crisis we have implement new procedure for entry to the building. We ask that you please use hand santizer, wear a mask upon entry and sign in at the front entrance. We



## TOWN OF POESTENKILL

38 Davis Drive, P.O. 210  
Poestenkill, NY 12140

VIII. F

Office of the  
Building Inspector  
Code Enforcement Officer

### MEMORANDUM

To: Town Supervisor – Keith Hammond

Town Board Members- June Butler, David Hass, Harold VanSlyke

Eric Wohlleber (deputy Town Supervisor)

Town attorney – Jack Casey

From: Tracy Church Code Enforcement/ Building Inspector

Date: September 14, 2021

RE: August/ September  
OVERVIEW:

The Building Dept. continues to provide a convenient schedule for access to acquire building permits, inspections, information and assistance as requested. We continue to address questions regarding recent storm damage and repair status. The building permit Data base continues to be updated with new information to allow for accurate status of recent building permit's as well as expired or soon to expire building permit updates. The incident regarding 20 Tymeson Road discussed at the August 2021 Town Board meeting is being addressed, a site visit to the property (20 Tymeson Road) was initiated, during the site visit the property owner was advised of the nature of the many complaints RE: rubbish, junk, abandoned vehicles, camping trailer on site. As a result, the property owner was made aware of the pending consequences and has agreed to address all the issues to date. An agreement has been made that a follow-up site visit will be made within 30 days to document the removal and overall cleanup of the site. The owner was receptive and has promised cooperation with the knowledge and understanding that failure to rectify these issues would result in an appearance citation being issued to appear in front of the Town Court, Town of Poestenkill. The situation is being monitored and any information will be forwarded to the Town Board as it is acquired. The MS-4 portion of the Building/ Code Enforcement office has been contacted expressing concerns regarding Coopers Pond located on Pine Bowl Road. The concern is that some residents fear that the pond is (dying) due to excessive algae and cloudy water conditions. Our DEC liaison assisted with getting this office in contact with The Army Corps of Engineers to help evaluate state of health of the pond and hopefully assist with measures (if necessary) to correct any problems that may exist. Photos have been submitted and viewed by DEC representatives and there was no message of urgency at that time.

The Code Enforcement office continues to pursue legal proceedings with the owners of 14 Dennis Road (ongoing ) since may of 2020, RE: Health and Safety concerns, abandoned vehicles, dangerous pressurized fuel cylinders, road encroachment, rubbish, garbage as well as questionable living conditions, as of Monday, August 30, 2021 the Code enforcement Office has represented the Town of Poestenkill regarding this address 8 times in town court, and continues to be persistent in holding these owners accountable for the situation that they have created and continues to pursue positive results through the court system.

The Town of Poestenkill Building/ Code Enforcement office continues to assist The Town of Sand Lake with a building site on Stone Camp Way on Crooked lake, the project(New Home) was stopped in November 2020 due to violations regarding zoning requirements that presented a Conflict of Interest for the Town of Sand Lake , thus lateraled to the Town of Poestenkill to manage the file, a new proposed building design has been submitted to the Town of Sand Lake and approved for construction, the Stop Work Order has been rescinded and a new building permit has been issued, the progress continues as do the complaints from disgruntled neighbors, all are handled as they present themselves to this office. The Code Enforcement office continues to address issues as they are presented. The town of Poestenkill will continue to be represented by this office in a polite, efficient and professional manner.

*Tracy D. Church*

Respectfully submitted

Tracy Church

Building Inspector/ Code Enforcement Official



Mail | Contacts | Calendar | Tasks | Briefcase | Preferences

[EXTERNAL] RE:

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**[EXTERNAL] RE: Monthly Dog Report**

From: straydawg302

To: Tiffany Buker

VII . G

Dog control trol calls

Dog running at large -7

Wildlife questions-3

Doa Dog- 1 was a coyote

Chickens -2

1 - summons issues

Bob Guyer

Sent via the Samsung Galaxy S20 Ultra 5G, an AT&T 5G smartphone

----- Original message -----

From: Tiffany Buker <tbuker@poestenkilny.com>

Date: 9/13/21 12:32 PM (GMT-05:00)

To: straydawg302@gmail.com

Subject: Monthly Dog Report

Hi

Can you please send me your monthly report for Town Board Meeting?

Thank you,

Tiffany Buker  
Town of Poestenkil

(518)283-5100 ext 112

VII. H 1

**Town of Poestenkill**  
**Office of the Highway Superintendent**  
**P.O. Box 210**  
**Poestenkill, NY 12140**  
**(518)283-4144**

**To:** Town Supervisor- Keith Hammond  
Town Board Members- Butler, Wohlleber, Hass, Van Slyke

**From:** Highway Superintendent- David (DJ) Goyer

**Date:** September 9<sup>th</sup>, 2021

**RE:** Highway Activities  
August 13<sup>th</sup> – September 9<sup>th</sup>, 2021

1. We started this period off by ditching the dirt section of Cropsey Rd. That section had taken a beating from the rainstorms and created numerous washouts, run-offs, and drainage issues.
2. Had our trucks hauling blacktop for town of sand lake on their paving project with valley paving. They paved Chamberlain hill road in one day, so we supplied trucks to help sand lake with their project because they supplied me trucks for when we paved in algonquin estates.
3. Dave has been mowing steady and finished the second pass on the village. He headed for the mountain roads Wednesday the 18<sup>th</sup> to work on the second pass for the mountain.
4. We had the gradall over on Holloway Lane ditching both sections that run towards the two big cross culverts that suffered damage from July storm. The ditches were re shaped and cleaned in preparation for the replacement of those cross culverts. Rip rap was installed in one section of the ditches due to some erosion starting on the hill. This will prevent it from getting worse.

5. The crew was out a couple times this month with the hot box trailer patching some roads. We made a blacktop gutter on Dennis Road at the entrance to the driveway at 11 Dennis Rd to control the runoff that comes from up the road. These residents' driveways are used for traffic to go around the vehicles and debris that is constantly in the road. This section is an ongoing issue to the highway department trying to drive through to the gravel pit. The residents across the street are constantly parking/working in the roadway and their belongings are constantly expanding into the road as well. I previously sent a letter to our code enforcement office regarding this issue. There are "no parking signs" on that section of roadway that could be enforced. Hopefully code enforcement and the town courts can fix this ongoing issue as its my concern a time will come when emergency vehicles won't be able to access the back houses on the road or the towns gravel pit if our crew was to ever have an accident while working.
6. The crew also did patch work on Pandora Dr, Holser Rd and Fifty-Six Rd.
7. I have been training Vito in our skid-steer with the brush hog at the old town landfill. We mow the landfill yearly and it's a good place for a crew worker to get comfortable with the piece of equipment. He has been doing an excellent job and making good progress as well.
8. There was a handful of days throughout the month where we had been around the entire town checking roads, drains, and for tree debris from rainstorms that we had.
9. The towns pull behind broom had hydraulic issues recently, so we had to get parts from mooradian's hydraulics. After putting it back together the broom works well.
10. The cross culvert at the entrance to Eisenhower Way off Powers Rd blew out after a rainstorm and needed to be replaced. It had a 12-inch culvert and the new pipe we installed was a 15-inch to be able to flow more water volume.
11. While we where in the area we also updated a driveway pipe on Catlin Rd that was outdated and rotten out. This pipe was replaced with a 24-inch plastic pipe due to the high-water volume from a creek in the area. Once we finished that we also corrected a few small washouts on the upper end of Catlin Rd.

12. Throughout the month we had crew out grabbing leaf bags and chipping piles of brush residents had out from storm cleanup.
13. Some of the crew members have been out around the Labor Day holiday so I took advantage of the small crew and caught up on some mechanical repairs on equipment and I also screened gravel and sand at the gravel pit to replenish our stockpiles. I also changed the brakes on bobs water truck and got the truck inspected as well.
14. September 15<sup>th</sup> is the new date for the paving project on lower end of Weatherwax development. Phase one will be milling the development and then phase two of paving will follow shortly afterwards. I will be giving the residents a notice flyer in next couple days to let them know of the process.
15. The week of October 18<sup>th</sup> through the 22<sup>nd</sup> will be another town brush pickup. We are asking residents to have brush out by October 17<sup>th</sup>. Tiffany is going to put an ad in the advertiser as well as the town website and Facebook page for me, which I greatly appreciate.
16. Lastly, the new culverts for the project on Holloway Lane are “supposed” to be here by September 10<sup>th</sup>. It is eight lengths of forty-two-inch culverts and four mouth pans for each inlet and outlet. All the suppliers on county vendors list have been backed up on orders terribly this year. I ordered these culverts back on July 15<sup>th</sup>, the day after the storm. Originally, they were only 3-4 weeks out. This delay hasn’t helped my schedule since the following week we get back into paving. The rest of September and early October will be busy with paving. This conflict has led me to hire out the cross-culvert project to Chip Kronau construction. It will cost us \$5,000 to do the job and it allows me to focus on getting all our CHIPS money used before the next deadline and before winter comes. Obviously, we would rather perform the work ourselves, but we have the money in the highway budget, and I don’t see time in the schedule to properly do this project and keep pace on the things to do this fall before the weather changes. They do great work, and I am confident it will come out great.