

**Business of the Village Board
Village of Saranac Lake**

SUBJECT: FEMA Contract Amendment

Date: 11/10/2025

DEPT OF ORIGIN: Village Manager

BILL # 169-2025

DATE SUBMITTED: 11/4/2025

EXHIBITS: _____

APPROVED AS TO FORM:

Village Attorney

Village Administration

EXPENDITURE
REQUIRED: \$0

AMOUNT
BUDGETED: \$0

APPROPRIATION
REQUIRED: \$0

SUMMARY STATEMENT

Authorize FEMA Contract Amendment

RECOMMENDED ACTION

MOVED BY: Scollin SECONDED BY: Ryan

VOTE ON ROLL CALL:

MAYOR WILLIAMS

yes

TRUSTEE BRUNETTE

yes

TRUSTEE RYAN

yes

TRUSTEE SCOLLIN

yes

TRUSTEE WHITE

yes



**Suozzo, Doty
& Associates**
PROFESSIONAL ENGINEERING, PLLC

Lake Placid Office
2051 Saranac Ave, Suite 204, Lake Placid, NY 12946
(518) 240-6293
www.sdapllic.com

Water and Wastewater Project Updates

November 10, 2025

Village Board of Trustees,

Please let this memo serve as a project update and summary of a request of the Board of Trustees for the Village's FEMA funded portion of the wastewater project.

WASTEWATER PROJECT

FEMA Project:

As a reminder, the FEMA funded portion of the overall wastewater project consists of replacement of the sewer mains called the "Swamp Line" and the "Trunk Sewer Main". The Swamp Line consists of the sewer main running from the Community Bank Parking Lot, north across Bloomingdale Ave, behind the fire station to Cedar Street. The Trunk Sewer Main runs from the Bloomingdale Lift Station to the Coinwash Parking Lot.

The project team has completed a significant portion of the preliminary design, and we are currently waiting for an approval from FEMA to confirm their acceptance of the design recommendations. In order to keep the project moving forward and meeting 2026 deadlines, we are developing our proposal to complete the next phases of design and plan to present that along with a presentation showing the final recommendations. In the meantime, we have one additional amendment for a new set of work that is time sensitive and needs to be completed prior to winter setting in.

As part of the preliminary design review, it was discovered that at least one property neighboring the Swamp Line has documented soil contamination. The attached proposal contains additional information regarding this contamination. Portions of the Swamp Line are located downgradient from the known contamination. We are concerned that these contaminants have moved through the groundwater into the area that needs to be excavated to replace the Swamp Line. One of the parcels, which is owned by the Village, where the Swamp Line is located is a parcel that is located adjacent and behind the fire station.

We are proposing to test this site to determine if contamination is found which must be remediated during the project. The testing involves drilling 1-3 test holes to recover soils and perform laboratory analysis on these soils. If contamination is found, a remediation plan can be developed, along with cost estimates for the remediation.

Dealing with contaminated sites is not uncommon in this type of project, however, we want the Village Board to be aware of a few potential issues:

1. **Cost:** Remediation costs may be expensive but can only be estimated once the testing is complete and the level of contamination is known.
2. **Reimbursement:** FEMA may not reimburse the costs of the remediation; however, NYSEFC should cover these costs. The cost of remediation would take away budget from other potential projects.
3. **NYSEFC** will only cover the cost of remediation necessary to complete the actual project. **NYSDEC** or future projects may require additional remediation that would be the responsibility of Village.

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4. We chose the Village parcel for testing as it is the only property that the Village currently owns in the area of concern. It is highly possible that contamination may extend onto other properties where the sewer main is located. This testing cannot be performed until easements are obtained for the sewer mains. Likely there will be additional costs for testing and potentially for additional remediation. This will be determined as the project moves forward.

Despite the concerns, we recommend moving forward with testing. We have reviewed all other potential options for the sewer main, and the replacement of the sewer main in-kind is the most feasible. The Village does own this one property and this issue, if not addressed now, would likely need to be addressed at some point in the future.

We appreciate the Board's patience with these amendments as we work through the design of this complicated project.

Sincerely,

Gregory Swart, Senior Engineer



**Suozzo, Doty
& Associates**
PROFESSIONAL ENGINEERING, PLLC

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November 10, 2025

Bachana Tsiklauri
Village Manager
39 Main Street, Suite 9
Saranac Lake, NY 12983
Delivered via email only: manager@saranaclake.gov

**RE: Village of Saranac Lake Collection System: FEMA Funded –
Professional Services Modification Proposal #3
SDA Project #24-130**

Dear Mr. Tsiklauri,

Suozzo, Doty & Associates Professional Engineering, PLLC (SDA) thanks you for the opportunity to submit this professional services modification proposal for your consideration. This proposal is for the FEMA funded collection system improvements portion of the Village's overall WPCP and collection system capital project. This proposal also adds Task 07 – Limited Soil and Groundwater Sampling to determine if contamination exists on the Village's property (Tax Map I.D. 447.69-1-14) next to 100 Broadway, which is part of the Swamp Line collection system project.

Please see below for specific details regarding this professional services modification proposal:

SCOPE OF SERVICES

Task 07 – Limited Soil and Groundwater Sampling

During the 10% design phase of the project, SDA reviewed several options for repair/replacement of the Swamp Main. The recommended alternative for the portion of the sewer main from MH W8-2 to W8-7 is to replace the main in generally in-kind. The proposed average depth of the sewer main is approximately 10 feet below grade (fbg). During the 10% design due diligence environmental database reviews, it was found that a portion of the sewer main proposed for replacement runs through the Saranac Lofts Brownfields Site (DEC Database #C517015) located at 120 Broadway. Contaminated soils at this site have been reported as a result of historic auto repair activities and a release of gasoline from an underground storage tank (UST). Volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), and metals were detected in soils above restricted-residential use soils cleanup objectives (RRU SCOs). One (1) exceedance of the New York State Department of Environmental Conservation (NYSDEC) soil cleanup guidance value for Per- and polyfluoroalkyl substances (PFAS) was also reported. VOCs and semi volatile organic compounds (SVOCs) were also detected in groundwater at the site above groundwater standards. In addition, groundwater at the site also contained detectable concentrations of metals and PFAS.

Given that replacement of the sanitary sewer involves the potential to encounter contaminated soil and/or groundwater, SDA proposes to subcontract to Trilon Services NY to advance up to three (3) soil borings, install one (1) permanent groundwater monitoring well, and collect representative samples for laboratory analysis to provide an understanding of management options for soils and groundwater.

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Specifically, the work by Trilon Services NY involves:

Soil Sampling Activities and Monitoring Well Installation

Utilize a drilling subcontractor (Cascade) to mobilize a drill rig to the Site for the purpose of collecting representative samples for laboratory analyses. For the purposes of this proposal, we have assumed one (1) day of drilling activities will be required. Soil sampling activities are summarized as follows:

- Ensure the drilling contractor (Cascade) will contact UDig NY® prior to boring advancement.
- Mobilize a drilling contractor (Cascade) to the Site for up to one (1) field day.
- Advance up to three (3) soil borings using a Geoprobe® direct push drill rig up to a maximum of 10 fbg to evaluate the hydrogeological characteristics of the subsurface soils at the Site, collect soil samples, and facilitate the installation of one (1) permanent groundwater monitoring well at the proposed sewer pump station. Borings will be advanced to a maximum of 10 fbg, or until refusal, whichever is encountered first.
- If the presence of groundwater is confirmed, the boring will advance to a depth suitable for monitoring well installation. For the purposes of this proposal, a well installation depth of up to 10 fbg has been estimated. However, if groundwater is not encountered within 10 fbg and/or at a depth greater than what is achievable by Geoprobe/direct-push drilling, an alternative drilling approach can be provided under a separate proposal.
- During boring advancement, recovered soil will be characterized in the field. Soil will be field screened for total organic vapors (TOVs) using a photoionization detector (PID). Soil will be classified and documented for physical characteristics and evidence of potential impact (color, odor, moisture content, gradation, presence of anthropogenic fill materials).
- One (1) soil sample will be collected from each of the three (3) soil borings. Sample collection depths and quantities will be adjusted in the field at the direction of a supervising geologist depending on what depth groundwater is encountered and the subsurface geological conditions.
- One (1) boring will be completed as a shallow (i.e., soil zone) monitoring well, to evaluate groundwater/water table conditions.
 - The monitoring well will be constructed of two-inch diameter schedule 40 polyvinyl chloride (PVC), a 5-foot well screen flush-threaded to a two-inch diameter schedule 40 PVC riser pipe, completed with a flush-mounted road box cover. The screen slot size will be 0.01 inches, or 10- slot size. The well screen will be installed to span the water table in overburden aquifer materials and at a depth suitable for groundwater analytical sample collection. Filter sand pack will be installed to no less than one (1) foot above the top of the well screen. The monitoring well will have a bentonite seal (typical three (3) foot thickness) that hydrates for at least 30 minutes. The well will be grouted to the ground surface, or bentonite chips may be used to fill annular borehole space above the seal at the approval of the supervising geologist.
- The water level will be measured in the completed monitoring well using an oil/water interface probe to determine the presence of measurable NAPL at the water table.

- Soil cuttings from borings and other investigation derived waste will be returned to the boring location or stored in a 55-gallon drum onsite pending receipt of analytical results that will inform proper handling and disposal.
- Within 24 hours of installation, the monitoring well will be developed (purged to remove fine particles, reduce turbidity, ensure hydraulic connection to the aquifer, and facilitate groundwater sampling) and the relative elevation will be surveyed using a handheld GPS unit.
 - All excess purge water generated from well development will be stored in a 55-gallon drum onsite pending receipt of analytical results that will inform proper handling and disposal.
- Coordination with the Village of Saranac Lake, contractor(s), and analytical laboratory.

Submit up to three (3) soil samples for laboratory analysis under standard turnaround time to a New York-certified laboratory for the following chemical parameters:

- VOCs by United States Environmental Protection Agency (USEPA) Method 8260C, standard target list. *Note one (1) trip blank will be analyzed for VOCs;*
- SVOCs, laboratory standard list by USEPA Method 8270D;
- RCRA 8 Metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver) by
- USEPA Method 6010/7471;
- Toxicity Characteristic Leaching Procedure (TCLP) for metals and/or SVOCs if total result exceeds 20 times rule;
- Ignitability by USEPA 1030;
- Reactivity by USEPA 846 Chap7.3;
- Paint Filter SW 9095;
- PFAS by USEPA Method 537.1;
- TPH-Diesel Range Organics by USEPA Method 8015D.

If evidence of soil impact (e.g., PID response indicative of petroleum or volatile compound impact) is identified, additional soil samples may be collected and held for additional laboratory analysis. If additional characterization analyses are warranted, these can be provided under a separate cover.

Groundwater Sampling

Provide groundwater sampling services from the newly installed monitoring well, including the following:

- Collect one (1) groundwater sample in a separate mobilization following the monitoring well installation development activities described above. Sampling activities will be completed in one (1) day. Samples will be collected using low flow methods (parameter stabilization). All excess groundwater generated from sampling will be stored in a 55-gallon drum onsite pending receipt of analytical results that will inform proper handling and disposal. One (1) field blank sample will be submitted with the collected groundwater sample for quality control quality assurance purposes. The following analytical parameters are proposed for groundwater samples:
 - VOCs by USEPA Method 8260, standard target list. *Note one (1) trip blank will be analyzed for VOCs;*
 - SVOCs, laboratory standard list by USEPA Method 8270C;

- RCRA 8 Metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver) by
- USEPA Method 610/7471;
- PFAS by USEPA Method 537.1;
- TPH-Diesel Range Organics by USEPA Method 8015D.

Soil and Groundwater Data Summary Documents

Following completion of Site investigation activities, Trilon Services NY will prepare summary documents including a data table, site plan depicting sampling locations, laboratory report(s), and a cover letter. Data shall be compared to the following:

- Division of Environmental Remediation (DER) Commissioner's Policy (CP-)-51, Soil Cleanup Guidance Policy
- NYSDEC Technical Guidance for Site Investigation and Remediation (DER-10 Chapter 6)

Provide overview of regulatory obligations and a recommended course of action should the analytical results trigger NYSDEC notification thresholds. Additional response actions in accordance with NYSDEC requirements can be provided under a separate proposal.

Please note that, due to limited time and legal property access, this testing will be limited to Village owned property and/or property that the Village has legal access to. Additional testing may be required along the length of the sewer main once legal access is obtained. The cost to provide the testing and analysis can be provided in a separate proposal.

ASSUMPTIONS/LIMITATIONS

The following are excluded from this proposal:

- Subcontracting any additional utility location services.
- Disposal of contaminated soils and/or groundwater.
- Design or implementation of remediation activities.
- Submissions to NYSDEC other than assistance with formal notifications.

Due to the specialized nature of this work, the following additional assumptions are included:

- **Subsurface Investigations:** The Village recognizes that special risks occur whenever engineering or related disciplines are applied to identify subsurface conditions. Even a comprehensive sampling and testing program, implemented with appropriate equipment and experienced personnel under the direction of a trained professional which functions in accordance with a professional standard of practice may fail to detect certain hidden conditions. The passage of time also must be considered, and Village recognizes that due to Natural occurrences or direct or indirect human intervention at the Site or a distance from it, actual conditions may quickly change. In no event shall SDA be liable to Village, or any other person or entity, for any delays and/or costs associated with any hidden, unforeseen, or differing site or subsurface conditions. Any liability for such costs or delays shall be allocated to and remain the sole responsibility of Village. SDA shall not be liable for such alteration or damage or for damage to, or interference with any subterranean structure, pipe, tank, cable, or other element condition whose nature and location are not called to SDA's attention in writing before exploration commences.

- Hazardous Materials Testing:** The Village recognizes that special risks occur whenever engineering or related disciplines are applied to the testing of hazardous materials which typically require invasive or destructive testing. Even if properly implemented with appropriate equipment and experienced personnel under the direction of a trained professional who renders services in accordance with the professional standard of care, damage may occur to the area subject to the testing including, but not limited to, invasive or destructive sampling methods. In no event shall SDA be liable to Village, or any other person or entity, for any damage caused to any real or personal property during the course of such invasive or destructive sampling methods as set forth in this request. Any liability for such damages shall be allocated to and remain the sole responsibility of Village. In the event a claim is asserted against SDA alleging damages arising from its services under this request, the Village shall defend and indemnify SDA with respect to any such claims or resulting damages.

PROFESSIONAL SERVICES FEE AND COMPENSATION

SDA will perform the above-listed professional services in accordance with the fees and schedule depicted in the Professional Services Fee Schedule. Lump sum tasks will be billed monthly commensurate with work completed to date. Time and material tasks will be completed on a time and materials basis which will be billed in accordance with our discounted rate schedule in effect at the time of service. The budgets for Time and Materials tasks are estimates only, SDA will attempt to complete the tasks within the subject budgets, but an additional budget may be required to complete the noted services. SDA will not exceed any budget without prior authorization from you.

Any direct expenses we incur (mileage, overnight mailings, document reproduction, etc.) will be billed under existing Task RE00.

Please note that the level of effort and therefore the amount of fee needed for each individual task is currently unknown, as such SDA reserves the right to use any available task budget to advance the services requested under this proposal.

Invoices will be submitted to the Client on a monthly basis. Payment shall be made to Suozzo, Doty & Associates Professional Engineering, PLLC within 30 calendar days of the date of invoice. A 1.5% finance charge will be applied to any invoice unpaid within 30 days. Checks shall be forwarded to Suozzo, Doty & Associates Professional Engineering, PLLC, 4607 Lake Shore Drive, P.O. Box 653, Bolton Landing, NY 12814.

Professional Services Fee Schedule

Task	Lump Sum	T&M Estimate¹	Subconsultant Fee Estimate²	Schedule
Task 07 Limited Soil & Groundwater Sampling	\$3,000	---	(Triton) - \$35,000	November 2025 - December 2025
	\$3,000	\$0	\$35,000	
Total		\$38,000		

¹Time and Materials tasks are estimates only, SDA will attempt to complete the tasks within the subject budgets, but an additional budget may be required to complete the noted services. SDA will not exceed any budget without prior authorization from you.

²Subconsultant fees include 15% markup for SDA's administrative efforts. The subconsultant fees will be billed on time and materials basis.

**CLOSING AND AGREEMENT**

We thank you for this opportunity to continue working with the Village! If you find this proposal acceptable, please execute where indicated below. This professional services modification agreement serves as an extension of our existing agreement with the Village for this project. If you have any questions or if you need additional information, please feel free to contact us directly at 518-240-6293. Thank you!

Sincerely,

Gregory Swart, PE, Project Manager

Richard Adams, PE, Collection Lead Engineer

cc: File

Authorized signature indicates acceptance of this professional services modification proposal described herein:

Authorized Representative

11/11/2025
Date