

**VILLAGE OF SARANAC LAKE BOARD OF TRUSTEES
SPECIAL MEETING AGENDA 5:00PM
Wednesday, January 2, 2019
Roberts Rules of Order will be in Effect for this Meeting**

A. CALL TO ORDER PLEDGE OF ALLEGIANCE

B. ROLL CALL

C. ITEMS FOR BOARD ACTION

BILL	1	2019	CDBG Consultant
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WORK SESSION UV Disinfection Project

D. MOTION TO ADJOURN

**RULES FOR PUBLIC HEARING COMMENTS AND
PUBLIC COMMENT
PERIOD OF MEETINGS**

- 1. Anyone may speak to the Village Board of Trustees during the public comment period of a public hearing or the public comment period of the meeting.**
- 2. As a courtesy we ask each speaker to give their name and address.**
- 3. Each speaker must be recognized by the chairperson before speaking.**
- 4. Individual public comment is limited to 5 minutes and may be shortened by the meeting chairperson.**
- 5. When a meeting is attended by a group of people who share the same or opposing views on a public comment topic, the chair may require that the group(s) designate not more than two spokespersons and limit the total time public comment to 5 minutes for each point of view or side of an issue.**
- 6. Individual time may not be assigned/given to another.**
- 7. A public hearing is meant to encourage resident comment and the expression of opinion, not a direct debate, nor should a commenter be intimidated by a village board rebuttal, therefore public hearings are limited to public comment and should a village response be asked by individuals the response shall be generally given after the public hearing during the village board regular meeting, or subsequently, by telephone or letter, unless factual in nature where the facts are fully known by staff, in which case a village official may respond.**
- 8. All remarks shall be addressed to the board as a body and not to any individual member thereof.**
- 9. Interested parties or their representatives may address the board at any time by written or electronic communications.**
- 10. Speakers shall observe the commonly accepted rules of courtesy, decorum, dignity and good taste.**

Please note- During the course of regular business, discussion and commentary is limited to board members and village staff only. We ask for this courtesy, for the board and staff to conduct their business and discussion without interruption. All village board members and staff are available after the conclusion of a meeting for one on one discussion.

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

SUBJECT: CDBG Consultant

Date: 01/ 2/19

DEPT OF ORIGIN: Community Dev.

Bill # 1-2019

DATE SUBMITTED: 12/28/18

EXHIBITS:

APPROVED AS TO FORM:

Village Attorney

Village Administration

EXPENDITURE
REQUIRED: \$

AMOUNT
BUDGETED: \$

APPROPRIATION
REQUIRED: \$

SUMMARY STATEMENT:

A resolution to hire CT Male to prepare the application materials and environmental review for the Saranac Lake Resort CDBG Economic Development grant application.

MOVED BY: _____ SECONDED BY: _____

VOTE ON ROLL CALL:

MAYOR RABIDEAU _____

TRUSTEE SHAPIRO _____

TRUSTEE MURPHY _____

TRUSTEE VAN COTT _____

TRUSTEE LITTLE _____

**RESOLUTION TO HIRE A CONSULTANT TO PREPARE AN APPLICATION FOR THE
CDBG ECONOMIC DEVELOPMENT PROGRAM FOR THE SARANAC LAKE RESORT
PROJECT**

WHEREAS, the Village of Saranac Lake agrees to submit a CDBG Economic Development grant application on behalf of the Saranac Lake Resort; and

WHEREAS, consulting services are required by the Village to prepare the pre-application, application, and environmental review; and

WHEREAS, quotes were requested from firms/individuals that have experience with the CDBG Economic Development program and who are willing to begin work on the application immediately;

NOW, THEREFORE BE IT RESOLVED, the Board of Trustees authorizes the Community Development Director and Village Manager to negotiate a contract with CT Male to prepare the necessary application materials at the expense of the business applicant/Saranac Lake Resort.

NYSDEC UV Disinfection Project Mandate

The Village of Saranac Lake has been mandated via the Dec 4, 2018 SPDES permit to install Ultraviolet Disinfection prior to discharge. Reference Page 8 of the Modified NYSDEC SPDES permit.

2016 The Village of Saranac Lake established an RFP for engineering services to prepare and submit Disinfection Engineering Report to NYSDEC. AESNortheast, B&L and BCA responded to the RFP. AESNortheast was awarded contract based upon cost and experience. Comprehensive Planning Evaluation was submitted by AESNortheast June 20, 2017 and approved by NYSDEC July 12, 2018 establishing Ultraviolet Disinfection process. The Village was officially notified of the revised compliance schedule in its Modified SPDES permit on Dec 4, 2018.

Specific to the Waste Water Treatment Plant and collection system, the Village has requested, at a minimum of four RFP's from 2011 to current for various projects.

- **2011 Spring Flood Engineering for replacement of damaged collection system, final clarifiers and associated damages at various locations throughout the Village.**
- VSL Awarded to AESNortheast collection system components and final clarifier. B&L was awarded engineering for multiple structures damaged. GHD and BCA additionally submitted.
- **2016 Disinfection Reporting RFP**
- RFP for Comprehensive Planning submission, awarded to AESNortheast based upon cost/experience. B&L and BCA additionally submitted
- **2017 Boiler replacements RFP**
- RFP for installation of boilers, AESNortheast selected cost/experience. GHD, B&L and Chazen additionally submitted.
- **2018 Inflow and Infiltration RFP**
- RFP for collection system review, AESNortheast selected cost/experience. GHD, B&L and Chazen additionally submitted
- AESNortheast involvement in infrastructure in the prior 5-6 years has provided approximately 50% total project cost in grant funding. Reference Nov 20, 2018 document.
- Essex County Current HWAY 15-03 Contract DPW-16-0022, General Civil Engineering Agreement provides for PiggyBacking for this engineering contract.

Village of Saranac Lake Staff recommends selection of AESNortheast due to strict compliance schedule for final design of the Ultraviolet and associated infrastructure components as well in-depth knowledge and experience with the Village of Saranac Lake Waste Water Treatment Plant.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Permits, Region 5
1115 State Route 86, PO Box 296, Ray Brook, NY 12977-0296
P: (518) 897-1234 | F: (518) 897-1394
www.dec.ny.gov

December 4, 2018

Honorable Clyde Rabideau
Village of Saranac Lake
39 Main Street Suite 9
Saranac Lake, NY 12983

**Re: Facility: Village of Saranac Lake WPCP
SPDES No. NY 002 1733
DEC No. 5-1544-00008/00001
St Armand (T), Essex County**

Dear Honorable Rabideau:

Enclosed is your Modified State Pollutant Discharge Elimination System (SPDES) Permit and associated conditions. Please refer to Permit Conditions for appropriate effluent limits, monitoring requirements, and other conditions.

The Department maintains authority regarding the terms of this permit in accordance with 6 NYCRR 750. This regulation may be accessed from the internet at the Department's website at: <http://www.dec.ny.gov/regs/2485.html>. If you do not have website access, you may obtain a paper copy of the regulation at the above address and phone number.

If you should have any questions concerning any aspect of this permit, please contact Tamara Venne of our Regional Water Quality staff at (518) 897-1241.

Any questions regarding the annual SPDES fee should be addressed to the Regulatory Fee Determination Unit at (800) 225-2566.

Sincerely,



Erin L. Burns
Deputy Regional Permit Administrator

ELB:RAS
Enclosure

ec: Tamara Venne, Water
Rob Streeter, RWM
Marc Migliore, RPA
Cheri Jamison, BWP Permit Coordinator
US EPA Region 2
NYSEFC
Kristen Sayers, DOH
Tom Groves, NEIWPCC



Department of
Environmental
Conservation



Department of Environmental Conservation

State Pollutant Discharge Elimination System (SPDES) DISCHARGE PERMIT

Industrial Code:	4952	SPDES Number:	NY 002 1733
Discharge Class (CL):	05	DEC Number:	5-1544-00008/00001
Toxic Class (TX):	N	Effective Date (EDP):	06/01/2014
Major Drainage Basin:	10	Expiration Date (ExDP):	05/31/2019
Sub Drainage Basin:	03	Modification Dates: (EDPM)	01/01/2019
Water Index Number:	C-15		
Compact Area:			

This SPDES permit is issued in compliance with Title 8 of Article 17 of the Environmental Conservation Law of New York State and in compliance with the Clean Water Act, as amended, (33 U.S.C. §1251 et.seq.)(hereinafter referred to as "the Act").

PERMITTEE NAME AND ADDRESS			
Name:	Village of Saranac Lake	Attention:	Mayor Clyde Rabideau
Street:	39 Main Street Suite 9		
City:	Saranac Lake	State:	NY Zip Code: 12983

is authorized to discharge from the facility described below:

FACILITY NAME AND ADDRESS										
Name:	Village of Saranac Lake WPCP									
Location (C,T,V):	St. Armand (T)	County:	Essex							
Facility Address:	680 NYS Route 3									
City:	Saranac Lake	State:	NY	Zip Code:	12983					
From Outfall No.:	001	at Latitude:	44 ° 21 ' 03 ''	& Longitude:	74 ° 06 ' 43 ''					
into receiving waters known as:	Saranac River						Class:	C		

and (list other Outfalls, Receiving Waters & Water Classifications)

in accordance with: effluent limitations; monitoring and reporting requirements; other provisions and conditions set forth in this permit; and 6 NYCRR Part 750-1 and 750-2.

DISCHARGE MONITORING REPORT (DMR) MAILING ADDRESS				
Mailing Name:				
Street:				
City:		State:		Zip Code:
Responsible Official or Agent:	Chief Operator	Phone:	(518)891-3037	

This permit and the authorization to discharge shall expire on midnight of the expiration date shown above and the permittee shall not discharge after the expiration date unless this permit has been renewed, or extended pursuant to law. To be authorized to discharge beyond the expiration date, the permittee shall apply for permit renewal not less than 180 days prior to the expiration date shown above.

DISTRIBUTION:

Cheri Jamison, CO BWP
 Robert Streeter, RWM
 Tamara Venne, Water
 Marc Migliore, RPA
 USEPA Region 2
 NYSEFC
 Kristen Sayers, NYSDOH
 Tom Groves, NEIWPCC
 Kevin Pratt, Chief Operator

Deputy Permit Administrator:	Erin Burns		
Address:	1115 Rte 86, Ray Brook, NY 12977		
Signature:		Date:	12/4/18

PERMIT LIMITS, LEVELS AND MONITORING DEFINITIONS

OUTFALL	WASTEWATER TYPE	RECEIVING WATER	EFFECTIVE	EXPIRING
	This cell describes the type of wastewater authorized for discharge. Examples include process or sanitary wastewater, storm water, non-contact cooling water.	This cell lists classified waters of the state to which the listed outfall discharges.	The date this page starts in effect. (e.g. EDP or EDPM)	The date this page is no longer in effect. (e.g. ExDP)

PARAMETER	MINIMUM	MAXIMUM	UNITS	SAMPLE FREQ.	SAMPLE TYPE
e.g. pH, TRC, Temperature, D.O.	The minimum level that must be maintained at all instants in time.	The maximum level that may not be exceeded at any instant in time.	SU, °F, mg/l, etc.	See below	See below

PARAMETER	EFFLUENT LIMIT or CALCULATED LEVEL	COMPLIANCE LEVEL / MINIMUM LEVEL (ML)	ACTION LEVEL	UNITS	SAMPLE FREQUENCY	SAMPLE TYPE
	Limit types are defined below in Note 1. The effluent limit is developed based on the more stringent of technology-based limits, required under the Clean Water Act, or New York State water quality standards. The limit has been derived based on existing assumptions and rules. These assumptions include receiving water hardness, pH and temperature; rates of this and other discharges to the receiving stream; etc. If assumptions or rules change the limit may, after due process and modification of this permit, change.	For the purposes of compliance assessment, the permittee shall use the approved EPA analytical method with the lowest possible detection limit as promulgated under 40CFR Part 136 for the determination of the concentrations of parameters present in the sample unless otherwise specified. If a sample result is below the detection limit of the most sensitive method, compliance with the permit limit for that parameter was achieved. Monitoring results that are lower than this level must be reported, but shall not be used to determine compliance with the calculated limit. This Minimum Level (ML) can be neither lowered nor raised without a modification of this permit.	Action Levels are monitoring requirements, as defined below in Note 2, which trigger additional monitoring and permit review when exceeded.	This can include units of flow, pH, mass, temperature, or concentration. Examples include µg/l, lbs/d, etc.	Examples include Daily, 3/week, weekly, 2/month, monthly, quarterly, 2/yr and yearly. All monitoring periods (quarterly, semiannual, annual, etc.) are based upon the calendar year unless otherwise specified in this Permit.	Examples include grab, 24 hour composite and 3 grab samples collected over a 6 hour period.

Notes:

1. EFFLUENT LIMIT TYPES:

- a. **DAILY DISCHARGE:** The discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for the purposes of sampling. For pollutants expressed in units of mass, the 'daily discharge' is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the 'daily discharge' is calculated as the average measurement of the pollutant over the day.
- b. **DAILY MAX:** The highest allowable daily discharge.
- c. **DAILY MIN:** The lowest allowable daily discharge.
- d. **MONTHLY AVG:** The highest allowable average of daily discharges over a calendar month, calculated as the sum of each of the daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.
- e. **7 DAY ARITHMETIC MEAN (7 day average):** The highest allowable average of daily discharges over a calendar week.
- f. **30 DAY GEOMETRIC MEAN:** The highest allowable geometric mean of daily discharges over a calendar month, calculated as the antilog of: the sum of the log of each of the daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.
- g. **7 DAY GEOMETRIC MEAN:** The highest allowable geometric mean of daily discharges over a calendar week.
- h. **12 MONTH ROLLING AVERAGE:** The current monthly value of a parameter, plus the sum of the monthly values over the previous 11 months for that parameter, divided by 12.
- i. **RANGE:** The minimum and maximum instantaneous measurements for the reporting period must remain between the two values shown.

2. ACTION LEVELS: Routine Action Level monitoring results, if not provided for on the Discharge Monitoring Report (DMR) form, shall be appended to the DMR for the period during which the sampling was conducted. If the additional monitoring requirement is triggered as noted below, the permittee shall undertake a short-term, high-intensity monitoring program for the parameter(s). Samples identical to those required for routine monitoring purposes shall be taken on each of at least three consecutive operating and discharging days and analyzed. Results shall be expressed in terms of both concentration and mass, and shall be submitted no later than the end of the third month following the month when the additional monitoring requirement was triggered. Results may be appended to the DMR or transmitted under separate cover to the same address. If levels higher than the Action Levels are confirmed, the permit may be reopened by the Department for consideration of revised Action Levels or effluent limits. The permittee is not authorized to discharge any of the listed parameters at levels which may cause or contribute to a violation of water quality standards.

PERMIT LIMITS, LEVELS AND MONITORING

OUTFALL	LIMITATIONS APPLY:	RECEIVING WATER	EFFECTIVE	EXPIRING
001	May 1 to October 31	Saranac River	01/01/2019	05/31/2019

PARAMETER	EFFLUENT LIMIT					MONITORING REQUIREMENTS				FN
	Type	Limit	Units	Limit	Units	Sample Frequency	Sample Type	Location		
								Inf.	Eff.	
Flow	30-day arithmetic mean	2.62	MGD		MGD	Continuous	Recorder		X	
CBOD ₅	30-day arithmetic mean	25	mg/l	546	lbs/d	1/week	24-hr. Comp.	X	X	(1)
CBOD ₅	7-Day Average	40	mg/l	874	lbs/d	1/week	24-hr. Comp.	X	X	
UOD	30-day arithmetic mean	170	mg/l		lbs/d	1/week	calculated		X	(2)
Solids, Suspended	30-day arithmetic mean	30	mg/l	656	lbs/d	1/week	24-hr. Comp.	X	X	(1)
Solids, Suspended	7-Day Average	45	mg/l	983	lbs/d	1/week	24-hr. Comp.	X	X	
Solids, Settleable	Daily Maximum	0.3	ml/l			2/day	Grab	X	X	
pH	Range	6.0 – 9.0	SU			2/day	Grab	X	X	
Ammonia (as NH ₃)	30-day arithmetic mean	20.5	mg/l			1/week	24-hr. Comp.		X	
Nitrogen, TKN (as N)	30-day arithmetic mean	Monitor	mg/l			1/week	24-hr. Comp.		X	
Phosphorus (as P)	12-month rolling average			13.5	Lbs/day	1/week	24-hr. Comp.		X	(3)
Phosphorus, Total (as P)	Daily Average	Monitor	mg/l	Monitor	Lbs/day	1/week	24-hr. Comp.		X	
Temperature	30-day arithmetic mean	Monitor	Deg C			2/day	Grab		X	
Effluent Disinfection required		[] All Year			[X] Seasonal from May 1 to Oct 31					
Coliform, Fecal	30-Day Geometric Mean	200	No./100 ml			Weekly	Grab		X	4
Coliform, Fecal	7 Day Geometric Mean	400	No./100 ml			Weekly	Grab		X	4
Chlorine, Total Residual	Daily Maximum	74	mg/l			2/day ⁴	Grab		X	4,5

FOOTNOTES:

- (1) Effluent shall not exceed 15 % and 15 % of influent concentration values for BOD₅ & TSS respectively.
- (2) Ultimate Oxygen Demand shall be computed as follows: UOD = 1.5 x CBOD₅ + 4.5 x TKN (Total Kjeldahl Nitrogen)
- (3) The 12 Month Rolling Average shall be calculated by averaging the current reporting period's value (in lbs/day) with previous 11 months' values.
- (4) No disinfection or related monitoring is required until May 1, 2023. However if chemical disinfection treatment is initiated prior to that date then limits and monitoring for chemical residual(s) will be in effect at that time to ensure protection of aquatic life. If the permittee proposes to use another technology other than ultraviolet light or chlorine for disinfection, then the permit modification shall be requested.
- (5) This limit shall become effective on May 1, 2023. If ultraviolet light disinfection (UV) is practiced instead of chemical disinfection then no total residual chlorine monitoring is required.

EJB

PERMIT LIMITS, LEVELS AND MONITORING

OUTFALL	LIMITATIONS APPLY:	RECEIVING WATER	EFFECTIVE	EXPIRING
001	November 1 to April 31	Saranac River	01/01/2019	05/31/2019

PARAMETER	EFFLUENT LIMIT					MONITORING REQUIREMENTS				FN
	Type	Limit	Units	Limit	Units	Sample Frequency	Sample Type	Location		
								Inf.	Eff.	
Flow	30-day arithmetic mean	2.62	MGD		MGD	Continuous	Recorder		X	
CBOD ₅	30-day arithmetic mean	25	mg/l	546	lbs/d	1/week	24-hr. Comp.	X	X	(1)
CBOD ₅	7-Day Average	40	mg/l	874	lbs/d	1/week	24-hr. Comp.	X	X	
UOD	30-day arithmetic mean		mg/l		lbs/d	1/week			X	(2)
Solids, Suspended	30-day arithmetic mean	30	mg/l	656	lbs/d	1/week	24-hr. Comp.	X	X	(1)
Solids, Suspended	7-Day Average	45	mg/l	983	lbs/d	1/week	24-hr. Comp.	X	X	
Solids, Settleable	Daily Maximum	0.3	ml/l			2/day	Grab	X	X	
pH	Range	6.0 – 9.0	SU			2/day	Grab	X	X	
Ammonia (as NH ₃)	30-day arithmetic mean	Monitor	mg/l			1/week	24-hr. Comp.		X	
Nitrogen, TKN (as N)	30-day arithmetic mean	Monitor	mg/l			1/week	24-hr. Comp.		X	
Phosphorus (as P)	12-month rolling average			13.5	Lbs/day	1/week	24-hr. Comp.		X	(3)
Phosphorus, Total (as P)	Daily Average	Monitor	mg/l	Monitor	Lbs/day	1/week	24-hr. Comp.		X	
Temperature	30-day arithmetic mean	Monitor	Deg_C			2/day	Grab		X	

FOOTNOTES:

(1) Effluent shall not exceed 15 % and 15 % of influent concentration values for BOD₅ & TSS respectively.

(2) Ultimate Oxygen Demand shall be computed as follows: $UOD = 1.5 \times CBOD_5 + 4.5 \times TKN$ (Total Kjeldahl Nitrogen)

(3) The 12 Month Rolling Average shall be calculated by averaging the current reporting period's value (in lbs/day) with previous 11 months' values.

EJB

Mercury Minimization Program for Low Priority POTWs

The permittee shall inspect each tributary dental facility at least once every five years to verify compliance with the wastewater treatment operation, maintenance, and notification elements of 6NYCRR Part 374.4. Inspection and/or outreach to other industrial/commercial sectors which may contribute mercury is also recommended. All new or increased tributary discharges, including hauled wastes, which are from sources that are industrial in nature must be evaluated for mercury content and, if levels exceed 500 ng/L, authorization must then be obtained from the Department prior to acceptance. Equipment and materials which may contain mercury shall also be evaluated by the permittee and replaced with mercury-free alternatives where environmentally preferable. A file shall be maintained containing the notices submitted by dental offices and all other pertinent information. This file shall be available for review by NYSDEC representatives and copies shall be provided upon request. A permit modification may be necessary to include more stringent requirements for POTWs which do not maintain low mercury effluent levels. Note: the mercury-related requirements in this permit conform to the mercury Multiple Discharge Variance specified in NYSDEC policy *DOW 1.3.10*.

AEB

DISCHARGE NOTIFICATION REQUIREMENTS

- (a) Except as provided in (c) and (g) of these Discharge Notification Act requirements, the permittee shall install and maintain identification signs at all outfalls to surface waters listed in this permit. Such signs shall be installed before initiation of any discharge.
- (b) Subsequent modifications to or renewal of this permit does not reset or revise the deadline set forth in (a) above, unless a new deadline is set explicitly by such permit modification or renewal.
- (c) The Discharge Notification Requirements described herein do not apply to outfalls from which the discharge is composed exclusively of storm water, or discharges to ground water.
- (d) The sign(s) shall be conspicuous, legible and in as close proximity to the point of discharge as is reasonably possible while ensuring the maximum visibility from the surface water and shore. The signs shall be installed in such a manner to pose minimal hazard to navigation, bathing or other water related activities. If the public has access to the water from the land in the vicinity of the outfall, an identical sign shall be posted to be visible from the direction approaching the surface water.

The signs shall have **minimum** dimensions of eighteen inches by twenty four inches (18" x 24") and shall have white letters on a green background and contain the following information:

N.Y.S. PERMITTED DISCHARGE POINT

SPDES PERMIT No.: NY _____

OUTFALL No. : _____

For information about this permitted discharge contact:

Permittee Name: _____

Permittee Contact: _____

Permittee Phone: () - ### - ####

OR:

NYSDEC Division of Water Regional Office Address:

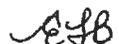
NYSDEC Division of Water Regional Phone: () - ### - ####

- (e) For each discharge required to have a sign in accordance with a), the permittee shall, concurrent with the installation of the sign, provide a repository of copies of the Discharge Monitoring Reports (DMRs), as required by the **RECORDING, REPORTING AND ADDITIONAL MONITORING REQUIREMENTS** page of this permit. This repository shall be open to the public, at a minimum, during normal daytime business hours. The repository may be at the business office repository of the permittee or at an off-premises location of its choice (such location shall be the village, town, city or county clerk's office, the local library or other location as approved by the Department). In accordance with the **RECORDING, REPORTING AND ADDITIONAL MONITORING REQUIREMENTS** page of your permit, each DMR shall be maintained on record for a period of five years
- (f) The permittee shall periodically inspect the outfall identification sign(s) in order to ensure they are maintained, are still visible, and contain information that is current and factually correct. Signs that are damaged or incorrect shall be replaced within 3 months of inspection.

EBB

DISCHARGE NOTIFICATION REQUIREMENTS (continued)

- (g) All requirements of the Discharge Notification Act, including public repository requirements, are waived for any outfall meeting any of the following circumstances, provided Department notification is made in accordance with (h) below:
- (i) such sign would be inconsistent with any other state or federal statute;
 - (ii) the Discharge Notification Requirements contained herein would require that such sign could only be located in an area that is damaged by ice or flooding due to a one-year storm or storms of less severity;
 - (iii) instances in which the outfall to the receiving water is located on private or government property which is restricted to the public through fencing, patrolling, or other control mechanisms. Property which is posted only, without additional control mechanisms, does not qualify for this provision;
 - (iv) instances where the outfall pipe or channel discharges to another outfall pipe or channel, before discharge to a receiving water; or
 - (v) instances in which the discharge from the outfall is located in the receiving water, two-hundred or more feet from the shoreline of the receiving water.
- (h) If the permittee believes that any outfall which discharges wastewater from the permitted facility meets any of the waiver criteria listed in (g) above, notification (form enclosed) must be made to the Department's Bureau of Water Permits, 625 Broadway, Albany, N.Y. 12233-3505, of such fact, and, provided there is no objection by the Department, a sign and DMR repository for the involved outfall(s) are not required. This notification must include the facility's name, address, telephone number, contact, permit number, outfall number(s), and reason why such outfall(s) is waived from the requirements of discharge notification. The Department may evaluate the applicability of a waiver at any time, and take appropriate measures to assure that the ECL and associated regulations are complied with.



SCHEDULE OF COMPLIANCE

a) The permittee shall comply with the following schedule:

Outfall(s)	Parameter(s) Affected	Compliance Action	Due Date
001	Pathogen & TRC	The permittee shall submit an approvable engineering report, prepared by a Professional Engineer licensed to practice engineering in New York State, detailing the disinfection designs that will be used to comply with the final effluent limitations for Fecal Coliform and Total Residual Chlorine.	July 1, 2017
		The permittee shall submit approvable Engineering Plans, Specifications, and Construction Schedule for the implementation of effluent disinfection.	Dec. 31, 2020
		The permittee shall complete construction of the treatment facilities in accordance with the Department approved schedule.	December 31, 2022
		The permittee shall commence operation of the system, and comply with the final effluent limitations for Fecal Coliform and Total Residual Chlorine.	May 1, 2023

b) For any action where the compliance date is greater than 9 months past the previous compliance due date, the permittee shall submit interim progress reports to the Department every nine (9) months until the due date for these compliance items are met.

c) The permittee shall submit a written notice of compliance or non-compliance with each of the above schedule dates no later than 14 days following each elapsed date, unless conditions require more immediate notice as prescribed in 6 NYCRR Part 750-1.2(a) and 750-2. All such compliance or non-compliance notification shall be sent to the locations listed under the section of this permit entitled RECORDING, REPORTING AND ADDITIONAL MONITORING REQUIREMENTS. Each notice of non-compliance shall include the following information:

1. A short description of the non-compliance;
2. A description of any actions taken or proposed by the permittee to comply with the elapsed schedule requirements without further delay and to limit environmental impact associated with the non-compliance;
3. A description or any factors which tend to explain or mitigate the non-compliance; and
4. An estimate of the date the permittee will comply with the elapsed schedule requirement and an assessment of the probability that the permittee will meet the next scheduled requirement on time.

The permittee shall submit copies of any document required by the above schedule of compliance to the NYSDEC Regional Water Manager at 232 Golf Course Road, Warrensburg, NY 12885 and to the Bureau of Water Permits, 625 Broadway, Albany, N.Y. 12233-3505, unless otherwise specified in this permit or in writing by the Department.

EJB

RECORDING, REPORTING AND ADDITIONAL MONITORING REQUIREMENTS

- A. The monitoring information required by this permit shall be retained for a period of at least five years from the date of the sampling for subsequent inspection by the Department or its designated agent.
- B. The monitoring information required by this permit shall be summarized and reported by submitting:
1. Discharge Monitoring Reports (DMRs): Completed DMR forms shall be submitted for each 1 month reporting period in accordance with the DMR Manual available on Department's website.

DMRs must be submitted electronically using the electronic reporting tool (NetDMR) specified by NYSDEC. Instructions on the use of NetDMR are available in the DMR Manual. Attach the monthly "Wastewater Facility Operation Report" (form 92-15-7) and any required DMR attachments electronically to the DMR.

To submit via hard copy: Hard copy paper DMRs will only be accepted by the Department if a waiver from the electronic submittal requirements has been granted by DEC to the facility. Attach a hard copy of the monthly "Wastewater Facility Operation Report" (form 92-15-7) to the DMR. The Facility Operation report and DMRs shall be sent to:

Department of Environmental Conservation
Division of Water, Bureau of Water Compliance
625 Broadway, Albany, New York 12233-3506
Phone: (518) 402-8177

With a copy sent to:

Department of Environmental Conservation
Regional Water Engineer, Region 5
232 Golf Course Road
Warrensburg, NY 12885-1172
Phone: (518) 623-1200

The first monitoring period begins on the effective date of this permit, and, unless otherwise required, the reports are due no later than the 28th day of the month following the end of each monitoring period.

- C. Bypass and Sewage Pollutant Right to Know Reporting: In accordance with the Sewage Pollutant Right to Know Act (ECL § 17-0826-a), Publicly Owned Treatment Works (POTWs) are required to notify DEC and Department of Health within two hours of discovery of an untreated or partially treated sewage discharge and to notify the public and adjoining municipalities within four hours of discovery. Information regarding reporting and other requirements of this program may be found on the Department's website. In addition, POTWs are required to provide a five-day incident report and supplemental information to the DEC in accordance with Part 750-2.7(d) by utilizing the Department's Non-Compliance Report Form unless waived by DEC on a case-by-case basis.
- D. Monitoring and analysis shall be conducted using sufficiently sensitive test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit.
- E. More frequent monitoring of the discharge(s), monitoring point(s), or waters of the State than required by the permit, where analysis is performed by a certified laboratory or where such analysis is not required to be performed by a certified laboratory, shall be included in the calculations and recording of the data on the corresponding DMRs.
- F. Calculations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified in this permit.
- G. Unless otherwise specified, all information recorded on the DMRs shall be based upon measurements and sampling carried out during the most recently completed reporting period.

Any laboratory test or sample analysis required by this permit for which the State Commissioner of Health issues certificates of approval pursuant to section 502 of the Public Health Law shall be conducted by a laboratory which has been issued a certificate of approval. Inquiries regarding laboratory certification should be directed to the New York State Department of Health, Environmental Laboratory Accreditation Program.



GENERAL REQUIREMENTS

A. The regulations in 6 NYCRR Part 750 are hereby incorporated by reference and the conditions are enforceable requirements under this permit. The permittee shall comply with all requirements set forth in this permit and with all the applicable requirements of 6 NYCRR Part 750 incorporated into this permit by reference, including but not limited to the regulations in the following paragraphs:

B. General Conditions

- | | |
|--|--|
| 1. Duty to comply | 6NYCRR 750-2.1(e) & 2.4 |
| 2. Duty to reapply | 6NYCRR 750-1.16(a) |
| 3. Need to halt or reduce activity not a defense | 6NYCRR 750-2.1(g) |
| 4. Duty to mitigate | 6NYCRR 750-2.7(f) |
| 5. Permit actions | 6NYCRR 750-1.1(c), 1.18, 1.20 & 2.1(h) |
| 6. Property rights | 6NYCRR 750-2.2(b) |
| 7. Duty to provide information | 6NYCRR 750-2.1(i) |
| 8. Inspection and entry | 6NYCRR 750-2.1(a) & 2.3 |

C. Operation and Maintenance

- | | |
|-----------------------------------|-------------------------------------|
| 1. Proper Operation & Maintenance | 6NYCRR 750-2.8 |
| 2. Bypass | 6NYCRR 750-1.2(a)(17), 2.8(b) & 2.7 |
| 3. Upset | 6NYCRR 750-1.2(a)(94) & 2.8(c) |

D. Monitoring and Records

- | | |
|---------------------------|---|
| 1. Monitoring and records | 6NYCRR 750-2.5(a)(2), 2.5(a)(6), 2.5(c)(1), 2.5(c)(2), & 2.5(d) |
| 2. Signatory requirements | 6NYCRR 750-1.8 & 2.5(b) |

E. Reporting Requirements

- | | |
|---|----------------------------|
| 1. Reporting requirements for POTWs | 6NYCRR 750-2.5, 2.7 & 1.17 |
| 2. Anticipated noncompliance | 6NYCRR 750-2.7(a) |
| 3. Transfers | 6NYCRR 750-1.17 |
| 4. Monitoring reports | 6NYCRR 750-2.5(e) |
| 5. Compliance schedules | 6NYCRR 750-1.14(d) |
| 6. 24-hour reporting | 6NYCRR 750-2.7(c) & (d) |
| 7. Other noncompliance | 6NYCRR 750-2.7(e) |
| 8. Other information | 6NYCRR 750-2.1(f) |
| 9. Additional conditions applicable to a POTW | 6NYCRR 750-2.9 |

F. Planned Changes

1. The permittee shall give notice to the Department as soon as possible of any planned physical alterations or additions to the permitted facility. Notice is required only when:
 - a. The alteration or addition to the permitted facility may meet of the criteria for determining whether facility is a new source in 40 CFR §122.29(b); or
 - b. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, or to notification requirements under 40 CFR §122.42(a)(1); or
 - c. The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.

In addition to the Department, the permittee shall submit a copy of this notice to the United States Environmental Protection Agency at the following address: U.S. EPA Region 2, Clean Water Regulatory Branch, 290 Broadway, 24th Floor, New York, NY 10007-1866.

G. Notification Requirement for POTWs

1. All POTWs shall provide adequate notice to the Department and the USEPA of the following:
 - a. Any new introduction of pollutants into the POTW from an indirect discharger which would be subject to section 301 or 306 of CWA if it were directly discharging those pollutants; or
 - b. Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.

EJB

GENERAL REQUIREMENTS continued

c. For the purposes of this paragraph, adequate notice shall include information on:

- i. the quality and quantity of effluent introduced into the POTW, and
- ii. any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.

POTWs shall submit a copy of this notice to the United States Environmental Protection Agency, at the following address:
U.S. EPA Region 2, Clean Water Regulatory Branch, 290 Broadway, 24th Floor, New York, NY 10007-1866

H. Sludge Management

The permittee shall comply with all applicable requirements of 6 NYCRR Part 360.

I. SPDES Permit Program Fee

The permittee shall pay to the Department an annual SPDES permit program fee within 30 days of the date of the first invoice, unless otherwise directed by the Department, and shall comply with all applicable requirements of ECL 72-0602 and 6 NYCRR Parts 480, 481 and 485. Note that if there is inconsistency between the fees specified in ECL 72-0602 and 6 NYCRR Part 485, the ECL 72-0602 fees govern.

J. Water Treatment Chemicals (WTCs)

New or increased use and discharge of a WTC requires prior Department review and authorization. At a minimum, the permittee must notify the Department in writing of its intent to change WTC use by submitting a completed *WTC Notification Form* for each proposed WTC. The Department will review that submittal and determine if a SPDES permit modification is necessary or whether WTC review and authorization may proceed outside of the formal permit administrative process. The majority of WTC authorizations do not require SPDES permit modification. In any event, use and discharge of a WTC shall not proceed without prior authorization from the Department. Examples of WTCs include biocides, coagulants, conditioners, corrosion inhibitors, defoamers, deposit control agents, flocculants, scale inhibitors, sequestrants, and settling aids.

1. WTC use shall not exceed the rate explicitly authorized by this permit or otherwise authorized in writing by the Department.
2. The permittee shall maintain a logbook of all WTC use, noting for each WTC the date, time, exact location, and amount of each dosage, and, the name of the individual applying or measuring the chemical. The logbook must also document that adequate process controls are in place to ensure that excessive levels of WTCs are not used.
3. The permittee shall submit a completed WTC Annual Report Form each year that they use and discharge WTCs. This form shall be attached to either the December DMR or the annual monitoring report required below.

The *WTC Notification Form* and *WTC Annual Report Form* are available from the Department's website at:
<http://www.dec.ny.gov/permits/93245.html>



Architecture, Engineering, and Land Surveying Northeast, PLLC

Tuesday, November 20, 2018

John Sweeney
Village Manager
Saranac Lake NY,

Ref: Funding Summary

Dear Mr. Sweeney,

Over the past five years, AES has had the privilege to work with the Village of Saranac Lake and assist to secure funding for a variety of infrastructure related projects which are focused on the Village's waste water collection system and treatment plant.

Project	Funding Agency	Grant Amount
Engineering Planning Grant	EFC	\$ 30,000.00
Sewer Collection System	EFC & ESD	\$ 1,136,154.00
Sewer Mains (Dorsey & Pelky Ln)	FEMA	\$ 156,614.00
WWTP Final Clarifier	ECF & FEMA	\$ 2,776,576.00
WWTP	DEC	\$ 2,500,000.00
WWTP-Engineering Planning Grant	EFC	\$ 30,000.00
Sewer Collection System I&I Study	EFC	\$ 100,000.00
WWTP-Disinfection	ESD	\$ 1,206,226.00
Total		\$7,935,570.00

The Village has engaged in approximately \$16 million in projects over five years with \$7.9 million covered through the above mentioned grants. The remaining cost was financed, with assistance from AES, via 0% loans through NYS EFC. Many of the applications for the above mentioned grants were performed by AES Northeast at no cost to the Village.

We look forward to working with you and your team in the future.

Sincerely,

Bradley M. Noviski
Program/Project Manager