NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

State Pollutant Discharge Elimination System (SPDES)
DISCHARGE PERMIT

Industrial Code: **4952**
Discharge Class (CL): **05**
Toxic Class (TX): **T**
Major Drainage Basin: **07**
Sub Drainage Basin: **05**
Water Index Number: **Ont. 66-12-P369-115**
Compact Area: **IJC**

SPDES Number: **NY0029726**
DEC Number: **8-5730-00068/00001**
Effective Date (EDP): **02/01/2012**
Expiration Date (ExDP): **01/31/2017**
Modification Dates: (EDPM) **05/01/2015**

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 Penn Yan**
Attention: **Bengt Sward, Chief Operator** (315) 536-3023
Street: **111 Elm Street**
City: **Penn Yan** State: **NY** Zip Code: **14257**

is authorized to discharge from the facility described below:

FACILITY NAME AND ADDRESS

Name: **Village of Penn Yan Sewage Treatment Plant**
Location (C,T,V): **Milo (T)** County: **Yates**
Facility Address: **125 Sherman St.**
City: **Penn Yan** State: **NY** Zip Code: **14527**
From Outfall No.: **001** at Latitude: **42 ° 39 ' 28.66 "** & Longitude: **77 ° 02 ' 4.75 "**
into receiving waters known as: **Keuka Lake Outlet** Class: **C(T)**
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 750-1and 750-2.

DISCHARGE MONITORING REPORT (DMR) MAILING ADDRESS

Mailing Name: **Village of Penn Yan Sewage Treatment Plant**
Street: **111 Elm Street**
City: **Penn Yan** State: **NY** Zip Code: **14527**
Responsible Official or Agent: **Brent Bodine, Director of Public Works** Phone: **(315) 536-3374**

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:

CO BWP - Permit Coordinator
RWE/RPA
USEPA Region 2
NYSEFC
IJC
NYSDOH District Office

Chief Permit Administrator: John J. Ferguson

Address: Division of Environmental Permits
625 Broadway
Albany, NY 12233-1750

Signature: [signature] Date: 3/20/15

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.		

PARA-METER	EFFLUENT LIMIT	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 PQL 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.

Note 1: 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.

DAILY MAX.: The highest allowable daily discharge. DAILY MIN.: The lowest allowable daily discharge.

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.

7 DAY ARITHMETIC MEAN (7 day average): The highest allowable average of daily discharges over a calendar week.

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.

7 DAY GEOMETRIC MEAN: The highest allowable geometric mean of daily discharges over a calendar week.

RANGE: The minimum and maximum instantaneous measurements for the reporting period must remain between the two values shown.

Note 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 No.	LIMITATIONS APPLY:	RECEIVING WATER	EFFECTIVE	EXPIRING
001	June 01 to October 31	Keuka Lake Outlet	05/01/2015	01/31/2017

PARAMETER	EFFLUENT LIMIT					MONITORING REQUIREMENTS				FN
	Type	Limit	Units	Limit	Units	Sample Frequency	Sample Type	Location		
								Inf.	Eff.	
Flow	Monthly Average	1.8	MGD	Monitor	MGD	Continuous	Recorder		X	
$CBOD_5$	Monthly Average	25	mg/l	375	lbs/d	1/week	24-hr. Comp.	X	X	(1)
$CBOD_5$	7-Day Average	40	mg/l	563	lbs/d	1/week	24-hr. Comp.		X	
UOD	Monthly Average	61.5	mg/l	923	lbs/d	1/week	Calculated		X	(2)
Solids, Suspended	Daily Maximum	30	mg/l	450	lbs/d	1/week	24-hr. Comp.	X	X	(1)
Solids, Suspended	7-Day Average	45	mg/l	675	lbs/d	1/week	24-hr comp		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	
Dissolved Oxygen	Daily Minimum	7.0	mg/l			1/week	Grab		X	
Nitrogen, TKN (as N)	Monthly Average	Monitor	mg/l			1/week	24-hr. Comp.		X	
Nitrogen, Ammonia (as NH_3)	Monthly Average	2.8	mg/l	41	lbs/d	1/week	24-hr. Comp.	X	X	
Temperature	Daily Max	Monitor	Deg F			2/day	Grab		X	(5)
Phosphorus (as P)	Monthly Average	1.0	mg/l			1/week	24-hr. Comp.		X	
Orthophosphate (as P)	Monthly Average	Monitor	mg/l			1/week	24-hr. Comp.		X	
Mercury, Total	Daily Maximum	50	ng/l			1/month	Grab		X	(7)
Stream Flow	Monthly Minimum	15.0	CFS				Reported			(4)
Flow, Flood Control Gates	Monthly Minimum	Monitor	CFS				Reported			(4)
Effluent Disinfection required: [ ] All Year [ ] Seasonal										
Coliform, Fecal	30 Day Geometric Mean		No./ 100 ml				Grab		X	(3)
Coliform, Fecal	7 Day Geometric Mean		No./ 100 ml				Grab		X	(3)
Chlorine, Total Residual	Daily Maximum		mg/l				Grab		X	(3)
ACTION LEVELS – TOXICITY TESTING										
WET - Acute Invertebrate	Action Level Type I			1.8	TUa	Quarterly	See Footnote 6		X	(6)
WET - Acute Vertebrate	Action Level Type I			1.8	TUa	Quarterly	See Footnote 6		X	(6)
WET - Chronic Invertebrate	Action Level Type I			11.0	TUc	Quarterly	See Footnote 6		X	(6)
WET - Chronic Vertebrate	Action Level Type I			11.0	TUc	Quarterly	See Footnote 6		X	(6)

Footnotes are detailed on Page 5 of this Permit.

PERMIT LIMITS, LEVELS AND MONITORING

OUTFALL No.	LIMITATIONS APPLY:	RECEIVING WATER	EFFECTIVE	EXPIRING
001	November 01 to May 31	Keuka Lake Outlet	05/01/2015	01/31/2017

PARAMETER	EFFLUENT LIMIT					MONITORING REQUIREMENTS				FN
	Type	Limit	Units	Limit	Units	Sample Frequency	Sample Type	Location		
								Inf.	Eff.	
Flow	Monthly Average	1.8	mgd	Monitor	mgd	Continuous	Recorder		X	
$CBOD_5$	Monthly Average	25	mg/l	375	lbs/d	1/week	24-hr. Comp.	X	X	(1)
$CBOD_5$	7-Day Average	40	mg/l	599	lbs/d	1/week	24-hr. Comp.		X	
UOD	Daily Maximum	61.5	mg/l	923	lbs/d	1/week	Calculated		X	(2)
Solids, Suspended	Daily Maximum	30	mg/l	450	lbs/d	1/week	24-hr. Comp.	X	X	(1)
Solids, Suspended	7-Day Average	45	mg/l	675	lbs/d	1/week	24-hr. Comp		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	
Dissolved Oxygen	Daily Minimum	7.0	mg/l			1/week	Grab		X	
Nitrogen, TKN (as N)	Monthly Average	Monitor	mg/l	Monitor	lbs/d	1/week	24-hr. Comp.	X	X	
Nitrogen, Ammonia (as NH_3)	Monthly Average	7.5	mg/l	112	lbs/d	1/week	24-hr. Comp.	X	X	
Temperature	Daily Maximum	Monitor	Deg F			2/day	Grab	X	X	(5)
Phosphorous (as P)	Monthly Average	1.0	mg/l			1/week	24-hr. Comp.		X	
Orthophosphate (as P)	Monthly Average	Monitor	mg/l			1/week	24-hr. Comp.		X	
Mercury, Total	Daily Maximum	50	ng/l			1/month	Grab		X	(7)
Stream Flow	Monthly Minimum	15.0	CFS				Reported			(4)
Flow, Flood Control Gates	Monthly Minimum	Monitor	CFS				Reported			(4)
Effluent Disinfection required: [ ] All Year [ ] Seasonal from __to										
Coliform, Fecal	30-Day Geometric Mean		No./ 100 ml			1/week	Grab		X	(3)
Coliform, Fecal	7-Day Geometric Mean		No./ 100 ml			1/week	Grab		X	(3)
Chlorine, Total Residual	Daily Maximum		mg/l			1/week	Grab		X	(3)
ACTION LEVELS – TOXICITY TESTING										
WET - Acute Invertebrate	Action Level Type I			1.8	TUa	Quarterly	See Footnote 6		X	(6)
WET - Acute Vertebrate	Action Level Type I			1.8	TUa	Quarterly	See Footnote 6		X	(6)
WET - Chronic Invertebrate	Action Level Type I			11.0	TUc	Quarterly	See Footnote 6		X	(6)
WET - Chronic Vertebrate	Action Level Type I			11.0	TUc	Quarterly	See Footnote 5		X	(6)

Footnotes are detailed on Page 5 of this Permit.

FOOTNOTES

(1) The effluent shall not exceed __15__ % and __15__ % of influent concentration values for BOD_5 & TSS respectively.

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

(3) Monitoring of Fecal Coliform and Total Residual Chlorine shall be required for any period during which disinfection is required.

(4) The Village of Penn Yan Municipal Utilities Board (Gate Manager) shall maintain a daily data table of outlet water elevations and gate openings at Keuka Lake Outlet and use this data, along with the Keuka Lake Outlet Reservoir Regulation Manual (April 1997), to assure a minimum flow of 15 cubic feet per second in the Keuka Lake Outlet. A monitoring station upstream of the plant shall be maintained and shall report minimum monthly flows to the NYSDEC's Region 8 Office on the monthly operating report.

(5) The "monitor only" limit for Temperature is in accordance with direction from the Department's Bureau of Fisheries.

(6) Whole Effluent Toxicity (WET) Testing:

Testing Requirements - WET testing shall consist of **Chronic only**. WET testing shall be performed in accordance with 40 CFR Part 136 and TOGS 1.3.2 unless prior written approval has been obtained from the Department. The test species shall be *Ceriodaphnia dubia* (water flea - invertebrate) and *Pimephales promelas* (fathead minnow - vertebrate). Receiving water collected upstream from the discharge should be used for dilution. All tests conducted should be static-renewal (two 24 hr composite samples with one renewal for Acute tests and three 24 hr composite samples with two renewals for Chronic tests). The appropriate dilution series bracketing the IWC and including one exposure group of 100% effluent should be used to generate a definitive test endpoint, otherwise an immediate rerun of the test is required. WET testing shall be coordinated with the monitoring of chemical and physical parameters limited by this permit so that resulting analyses are also representative of the sample used for WET testing. The ratio of critical receiving water flow to discharge flow (i.e. dilution ratio) is **_2.7: 1** for acute, and **_5.4: 1** for chronic. Discharges which are disinfected using chlorine should be dechlorinated prior to WET testing or samples shall be taken immediately prior to the chlorination system.

Monitoring Period - WET testing shall be performed at the specified sample frequency **during calendar years ending in _2__ and _7_ beginning in January and lasting for a period of one full year**.

Reporting - Toxicity Units shall be calculated and reported on the DMR as follows: TUa = (100)/(48 hr LC50) or (100)/(48 hr EC50) (note that Acute data is generated by both Acute and Chronic testing) and TUc = (100)/(NOEC) when Chronic testing has been performed or TUc = (TUa) x (10) when only Acute testing has been performed and is used to predict Chronic test results, where the 48 hr LC50 or 48 hr EC50 and NOEC are expressed in % effluent. This must be done for both species and using the Most Sensitive Endpoint (MSE) or the lowest NOEC and corresponding highest TUc. Report a TUa of 0.3 if there is no statistically significant toxicity in 100% effluent as compared to control.

The complete test report including all corresponding results, statistical analyses, reference toxicity data, daily average flow at time of sampling and other appropriate supporting documents, shall be submitted to the Toxicity Testing Unit within 60 days after the end of each test period. A summary page of test results for invertebrate and vertebrate species indicating TUa, 48 hr LC50 or 48 hr EC50 for Acute tests and/or TUc, NOEC, IC25, and most sensitive endpoints for Chronic tests, should also be included at the beginning of the test report.

WET Testing Action Level Exceedances - If an action level is exceeded then the Department may require the permittee to conduct additional WET testing including Acute and/or Chronic tests. Additionally, the permittee may be required to perform a Toxicity Reduction Evaluation (TRE) in accordance with Department guidance. If such additional testing or performance of a TRE is necessary, the permittee shall be notified in writing by the Regional Water Engineer. The written notification shall include the reason(s) why such testing or a TRE is required.

(7) Mercury monitoring shall be performed using USEPA Method 1631.

MERCURY MINIMIZATION FOR HIGH PRIORITY POTWS

1. **General** - The permittee shall develop, implement, and maintain a Mercury Minimization Program (MMP). The MMP is required because the 50 ng/L permit limit exceeds the statewide water quality based effluent limit (WQBEL) of 0.70 nanograms/liter (ng/L) for Total Mercury. The goal of the MMP will be to reduce mercury effluent levels in pursuit of the WQBEL. Note – The mercury-related requirements in this permit conform to the mercury Multiple Discharge Variance specified in NYSDEC policy *DOW 1.3.10*.

2. **MMP Elements** - The MMP shall be documented in narrative form and shall include any necessary drawings or maps. Other related documents already prepared for the facility may be used as part of the MMP and may be incorporated by reference. As a minimum, the MMP shall include an on-going program consisting of: periodic monitoring designed to quantify and, over time, track the reduction of mercury; an acceptable control strategy for reducing mercury discharges via cost-effective measures, which may include more stringent control of tributary waste streams; and submission of periodic status reports.

A. Monitoring - The permittee shall conduct periodic monitoring designed to quantify and, over time, track the reduction of mercury. All permit-related wastewater and stormwater mercury compliance point (outfall) monitoring shall be performed using EPA Method 1631. Use of EPA Method 1669 during sample collection is recommended. Unless otherwise specified, all samples shall be grabs. Monitoring at influent and other locations tributary to compliance points may be performed using either EPA Methods 1631 or 245.7. Monitoring of raw materials, equipment, treatment residuals, and other non-wastewater/non-stormwater substances may be performed using other methods as appropriate. Monitoring shall be coordinated so that the results can be effectively compared between internal locations and final outfalls. Minimum required monitoring is as follows:

i. Sewage Treatment Plant Influent & Effluent, and Type II SSO Outfalls - Samples at each of these locations must be collected in accordance with the minimum frequency specified on the mercury permit limits page.

ii. Key Locations in the Collection System and Potential Significant Mercury Sources - The minimum monitoring frequency at these locations shall be semi-annual. Monitoring of properly treated dental facility discharges is not required.

iii. Hauled Wastes - Hauled wastes which may contain significant mercury levels must be periodically tested prior to acceptance to ensure compliance with pretreatment/local limits requirements and/or determine mercury load.

iv. Additional monitoring must be completed as may be required elsewhere in this permit or upon Department request.

B. Control Strategy - An acceptable control strategy is required for reducing mercury discharges via cost-effective measures, including but not limited to more stringent control of industrial users and hauled wastes. The control strategy will become enforceable under this permit and shall contain the following minimum elements:

i. Pretreatment/Local Limits - The permittee shall evaluate and revise current requirements in pursuit of the goal.

ii. Periodic Inspection - The permittee shall inspect users as necessary to support the MMP. Each dental facility shall be inspected at least once every five years to verify compliance with the wastewater treatment operation, maintenance, and notification elements of 6NYCRR Part 374.4. Other mercury sources shall also be inspected once every five years. Alternatively, the permittee may develop an outreach program which informs these users of their responsibilities once every five years and is supported by a subset of site inspections. Monitoring shall be performed as above.

iii. Systems with CSO & Type II SSO Outfalls - Priority shall be given to controlling mercury sources upstream of CSOs and Type II SSOs through mercury reduction activities and/or controlled-release discharge. Effective control is necessary to avoid the need for the Department to establish mercury permit limits at these outfalls.

iv. Equipment and Materials – Equipment and materials which may contain mercury shall be evaluated by the permittee and replaced with mercury-free alternatives where environmentally preferable.

C. Semiannual Status Report – A semiannual status report shall be submitted to the Regional Water Engineer and to the Bureau of Water Permits summarizing: (a) all MMP monitoring results for the previous six months; (b) a list of known and potential mercury sources; (c) all action undertaken pursuant to the strategy during the previous six months; (d) actions planned for the upcoming six months; and, (e) progress toward the goal. The first semiannual status report is due six months after the permit is modified to include the MMP requirement and follow-up status reports are due every six months thereafter. A file shall be maintained containing all MMP documentation, including the dental forms required by 6NYCRR Part 374.4, which shall be available for review by NYSDEC representatives. Copies shall be provided upon request.

3. **MMP Modification** - The MMP shall be modified whenever: (a) changes at the facility or within the collection system increase the potential for mercury discharges; (b) actual discharges exceed 50 ng/L; (c) a letter from the Department identifies inadequacies in the MMP; or, (d) pursuant to a permit modification.

SCHEDULE OF SUBMITTALS

The permittee shall submit the following information to the Regional Water Engineer at the address listed on the Recording, Reporting and Monitoring page of this Permit, and to the Bureau of Water Permits, 625 Broadway, Albany, NY 12233-3505:

Outfall Number(s)	Required Action	Due Date	FN
001	Short-Term High-Intensity Monitoring The permittee shall collect ten (10) samples, representative of normal discharge conditions and treatment plant operations, for the following parameters detected in the WWTP effluent and listed in the permit application, over a 4-week period. The permittee shall use the approved EPA analytical method with the lowest possible detection limit as promulgated under 40 CFR Part 136 to determine concentrations of the parameters listed. The permittee shall submit results of analyses, along with the daily flow, to the addresses listed above: Parameter — Sample Type Copper, Total — 24 hr. Composite Zinc, Total — 24 hr. Composite	07/01/2015	1

Footnotes:

1. The above actions are one time requirements. The permittee shall submit, once, results of the above action, to the Department's satisfaction. When this permit is administratively renewed, by the NYSDEC letter titled "SPDES NOTICE/RENEWAL APPLICATION," the permittee is not required to repeat the submittal(s) noted above. The above due dates are independent of the effective date of the permit stated in the letter of "SPDES NOTICE/RENEWAL APPLICATION."

SCHEDULE OF SUBMITTALS: Collection System Monitoring and Maintenance

Compliance Action

1. The permittee shall submit an approvable plan and schedule for continuous, ongoing sewer system assessment, flow monitoring, correction and maintenance **BY 11/01/2015**. The items detailed shall include the television inspection of sewers, work plans for repairs identified, approved documented and approved collection system rehabilitation projects, monitoring of flows in the collection system, and home inspections and follow ups to address identified sump and stormwater connections.

2. All occurrences of sanitary sewer overflows, at the treatment plant and within the collection system, shall be documented.

3. The approved plan shall be implemented in accordance with the schedule contained therein.

4. Actions and schedules contained in the approved plan shall, by reference, be made a part of this permit.

5. Permittee shall submit an annual report no later than January 31st of each year detailing actions taken the preceding year, in accordance with the schedule specified in Compliance Action Item 1, above.

6. The permittee shall comply with the Sewage Pollution Right to Know requirements for reporting of overflows as detailed at Department website http://www.dec.ny.gov/chemical/90315.html, and at Department website http://www.dec.ny.gov/chemical/90323.html.

The above actions are one time requirements unless otherwise noted. When this permit is administratively renewed, by the NYSDEC letter titled "SPDES NOTICE/RENEWAL APPLICATION," the permittee is not required to repeat the submittal(s) noted above. The above due dates are independent of the effective date of the permit stated in the letter of "SPDES NOTICE/RENEWAL APPLICATION."

PRETREATMENT MINI SCHEDULE

CASP, LLC is a Significant Industrial User of the permittee's municipal sewerage system. The permittee shall therefore comply with the following items:

Industrial Survey

BY 06/01/2015, the permittee shall submit Fast Report On Significant Industries forms completed through question 7A, completed Industrial Chemical Survey forms and proposed industrial monitoring for CASP, LLC and proposed Sewage Treatment Plant (STP) monitoring.

Develop Procedures

Within two months of the submission of industrial survey results, the permittee shall submit documentation of procedures for obtaining and ensuring compliance with applicable standards. Such procedures shall include requirements and schedules for discharge permits, industrial self-monitoring, compliance monitoring of industries by the permittee, ongoing STP monitoring and an enforcement program. Such procedures shall be equivalent to procedures described or referenced in the document entitled Introduction to the National Pretreatment Program, USEPA, February, 1999 (www.epa.gov/npdes/pubs/final99.pdf)

Treatment Plant/Industry Monitoring

Within four months of DEC approval of proposed industrial monitoring and proposed STP monitoring, the permittee shall submit the results of that monitoring and a completed FROSIs for all SIUs.

Local Sewer Use Law

Within two months of the submission of STP/industrial monitoring results, the permittee shall submit a draft local sewer use law equivalent to the DEC Model Sewer Use Law. Local limits for substance capable of causing SPDES permit violations, endangering municipal employees or limiting sludge disposal options must be included in the local law. Such limits shall be developed in accordance with document entitled Guidance Manual on the Development and Implementation of Local Discharge Limitations Under the Pretreatment Program USEPA November, 1987.

Within three months of approval by this Department, the permittee shall submit a copy of the enacted Law accompanied by proof of enactment.

Credit for Work Already Completed

Any of the above required tasks already completed by the permittee need not be repeated. If the permittee believes that a task or task(s) have been satisfactorily completed, documentation of the completed tasks should be submitted to NYSDEC for approval.

Implement Procedures

Within 9 months of enactment of its sewer use law, the permittee shall implement the procedures proposed under this schedule and approved by NYSDEC. At a minimum, the following activities shall be undertaken by the permittee:

1. Issue permits including limitations, monitoring requirements, and reporting requirements to its significant industrial users.
2. Enforce the local limits set forth in the POTW local sewer use law.
3. Carry out inspections and monitoring of significant industrial users to determine compliance with categorical standards and local limits.
4. Undertake enforcement actions in accordance with NYSDEC approved procedures.

Reporting Requirements

On January 31st of each year, the permittee shall submit completed FROSIs for each SIU to NYSDEC. Every third year, the permittee shall submit ICS forms completed by all SIUs to NYSDEC. At the same time the permittee shall notify the NYSDEC of any proposed significant changes to its implementing procedures or local sewer use law.

All pretreatment reports shall be submitted to the offices listed on the monitoring, recording and reporting page of this permit.

Continuation

Unless noted otherwise, compliance actions required by the pretreatment mini schedule are one time requirements. The permittee shall comply with the compliance actions to the satisfaction of the Department. When this permit is administratively renewed by NYSDEC letter entitled **"SPDES NOTICE/RENEWAL APPLICATION"**, the permittee is not required to repeat the submissions. The due dates are independent from the effective date of the permit stated in the letter of **"SPDES NOTICE/RENEWAL APPLICATION."**

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.

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;

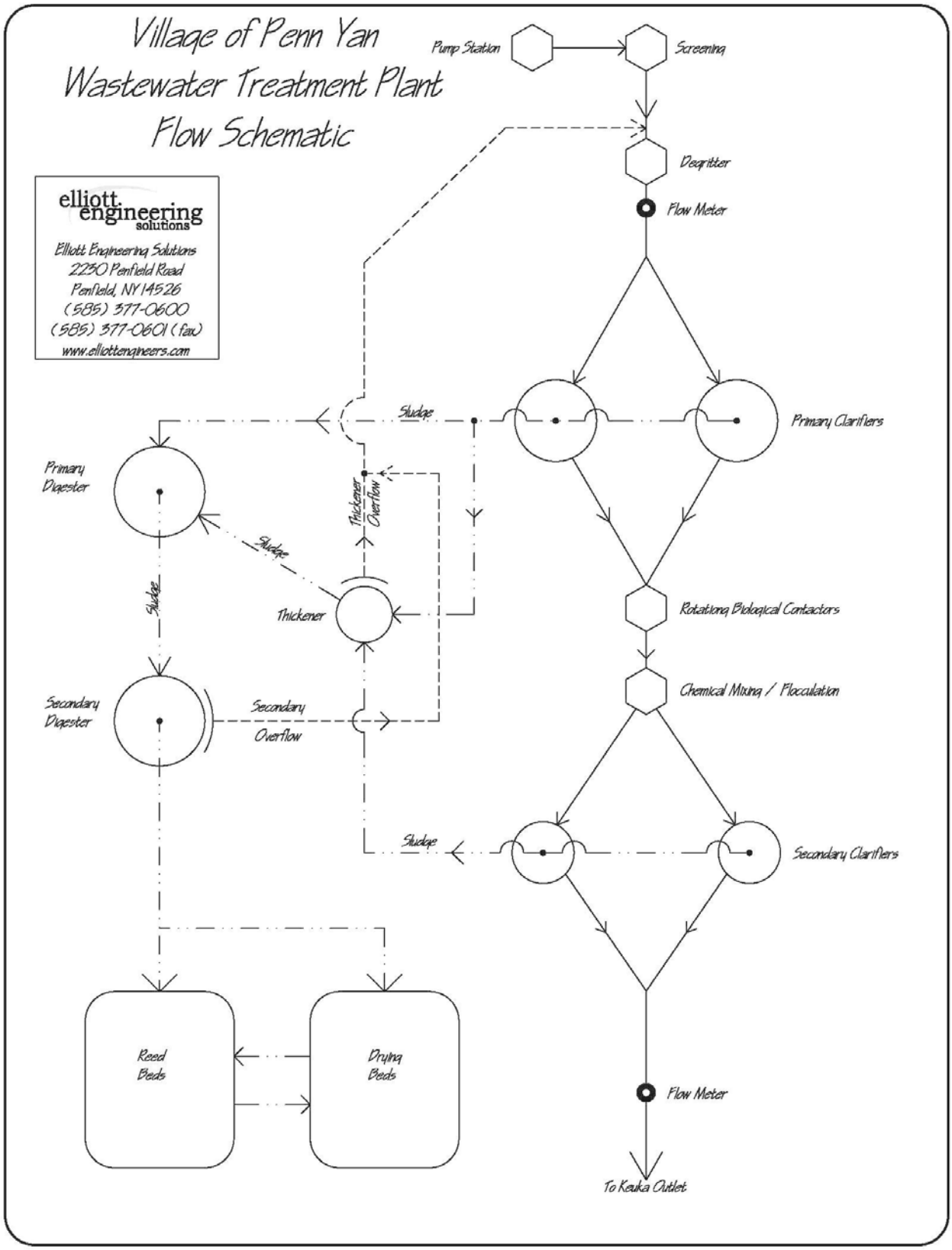
(iv) instances where the outfall pipe or channel discharges to another outfall pipe or channel, before discharge to a receiving water; or

(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.

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, Central Office, 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.

MONITORING LOCATIONS

The permittee shall take samples and measurements, to comply with the monitoring requirements specified in this permit, at the location(s) specified below:



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 paragraphs B through I as follows:.

B. General Conditions

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

C. Operation and Maintenance

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

D. Monitoring and Records

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

E. Reporting Requirements

1. Reporting requirements	6 NYCRR Part 750-2.5, 2.6, 2.7 & 1.17
2. Anticipated noncompliance	6 NYCRR Part 750-2.7(a)
3. Transfers	6 NYCRR Part 750-1.17
4. Monitoring reports	6 NYCRR Part 750-2.5(e)
5. Compliance schedules	6 NYCRR Part 750-1.14(d)
6. 24-hour reporting	6 NYCRR Part 750-2.7(c) & (d)
7. Other noncompliance	6 NYCRR Part 750-2.7(e)
8. Other information	6 NYCRR Part 750-2.1(f)
9. Additional conditions applicable to a POTW	6 NYCRR Part 750-2.9
10. Special reporting requirements for discharges that are not POTWs	6 NYCRR Part 750-2.6

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.

GENERAL REQUIREMENTS continued

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.
   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 .

RECORDING, REPORTING AND ADDITIONAL MONITORING REQUIREMENTS

A. The monitoring information required by this permit shall be summarized, signed and 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. **Also, monitoring information required by this permit shall be summarized and reported by submitting;**

[X] (if box is checked) completed and signed Discharge Monitoring Report (DMR) forms for each 1 month reporting period to the locations specified below. Blank forms are available at the Department's Albany office listed below. The first reporting period begins on the effective date of this permit and the reports will be due no later than the 28th day of the month following the end of each reporting period.

[ ] (if box is checked) an annual report to the Regional Water Engineer at the address specified below. The annual report is due by February 1 each year and must summarize information for January to December of the previous year in a format acceptable to the Department.

[X] (if box is checked) a monthly "Wastewater Facility Operation Report..." (form 92-15-7) to the:
[X] Regional Water Engineer and/or [ ] County Health Department or Environmental Control Agency specified below

Send the **original** (top sheet) of each DMR page to:
Department of Environmental Conservation
Division of Water, Bureau of Water Compliance
625 Broadway, Albany, New York 12233-3506
Phone: (518) 402-8177

Send the **first copy** (second sheet) of each DMR page to:
Department of Environmental Conservation
Regional Water Engineer, Region 8
6274 East Avon-Lima Road
Avon, NY 12214-9529
Phone: (585) 226-2466

Send an **additional copy** of each DMR page to:

B. Monitoring and analysis shall be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit.

C. 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.

D. Calculations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified in this permit.

E. 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.

F. 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.