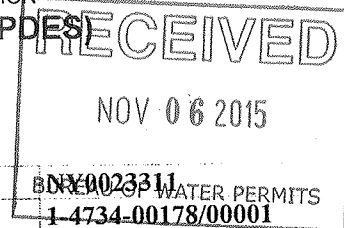




NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
State Pollutant Discharge Elimination System (SPDES)
DISCHARGE PERMIT



First3.99

Industrial Code:	4952	SPDES Number:	BNY0023311
Discharge Class (CL):	05	DEC Number:	1-4734-00178/00001
Toxic Class (TX):	N	Effective Date (EDP):	09/01/11
Major Drainage Basin:	17	Expiration Date (ExDP):	8/31/16
Sub Drainage Basin:	02	Modification Dates: (EDPM)	10/10/14
Water Index Number:	LIS+PJH		
Compact Area:	IEC		

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:	Suffolk County Department of Public Works	Attention:	Kevin Oldham
Street:	335 Yaphank Avenue		
City:	Yaphank	State:	NY
		Zip Code:	11980

is authorized to discharge from the facility described below:

FACILITY NAME AND ADDRESS

Name:	Suffolk County SD#6 - Kings Park STP		
Location (C,T,V):	Smithtown(T)	County:	Suffolk
Facility Address:	East 4 th Street		
City:	Kings Park	State:	NY
		Zip Code:	11794
NYTM -E:		NYTM - N:	
From Outfall No.:	001	at Latitude:	40 E 55 N 39 O
		& Longitude:	73 E 13 N 77 O
into receiving waters known as:	Smithtown Bay	Class:	SA

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

Outfall is County Tax Map: District 0800, Section 009, Block 01, Lat 00200.1

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:	Suffolk County Department of Public Works		
Street:	335 Yaphank Avenue		
City:	Yaphank	State:	NY
		Zip Code:	11980
Responsible Official or Agent:	John Donovan, Chief Engineer	Phone:	(631) 852 - 4204

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
- EPA Region II - Michelle Josilo
- NYSEFC (Class 05 & 07 only)

Permit Administrator: Roger Evans	
Address: 50 Circle Road Stony Brook, NY 11790	
Signature: <i>Roger Evans</i>	Date: 10/14/14

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/ 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.

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. **DAILY MIN.:** The lowest allowable daily discharge.
- c. **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.
- d. **7 DAY ARITHMETIC MEAN (7 day average):** The highest allowable average of daily discharges over a calendar week.
- e. **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.
- f. **7 DAY GEOMETRIC MEAN:** The highest allowable geometric mean of daily discharges over a calendar week.
- g. **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	<input checked="" type="checkbox"/> All Year <input type="checkbox"/> Seasonal from _____ to _____	Smithtown Bay	EDPM	ExDP

PARAMETER	EFFLUENT LIMIT					MONITORING REQUIREMENTS				FN
	Type	Limit	Units	Limit	Units	Sample Frequency	Sample Type	Location		
								Inf.	Eff.	
Flow	Monthly average			0.6	MGD	Continuous	Recorder		X	
CBOD ₅	Monthly average	25	mg/l	520	lbs/d	1/week	24-hr. comp.	X	X	(1)
CBOD ₅	7 day average	40	mg/l	830	lbs/d	1/week	24-hr. comp.		X	
BOD ₅	6 cons. hour mean	50	mg/l						X	(2)
Solids, Suspended	Monthly average	30	mg/l	630	lbs/d	1/week	24-hr. comp.	X	X	(1)
Solids, Suspended	7 day average	45	mg/l	940	lbs/d	1/week	24-hr. comp.		X	
Solids, Suspended	6 cons. hour mean	50	mg/l						X	(2)
Solids, Settleable	Daily Max.	0.3	ml/l			2/day	Grab		X	
pH	Range	6.0-9.0	SU			2/day	Grab		X	
Phosphorus, Total (as P)	Daily Max.	Monitor	mg/l			1/quarter	24-hr. comp.	X	X	
Orthophosphate (as P)	Daily Max.	Monitor	mg/l			1/quarter	24-hr. comp.	X	X	
Temperature	Daily Max.	Monitor	Deg F			2/day	Grab		X	
Dissolved Oxygen	Daily Min.	Monitor	mg/l			2/week	Grab		X	
Mercury, Total	Daily Max.	0.096	ug/l	0.0010	lbs/d	1/month	24-hr. comp.		X	(8)
Effluent Disinfection required		<input checked="" type="checkbox"/> All Year		<input type="checkbox"/> Seasonal from _____ to _____						
Coliform, Fecal	30 day geometric mean	200	No./100 ml			1/week	Grab		X	(5)
Coliform, Fecal	7 day geometric mean	400	No./100 ml			1/week	Grab		X	(5)
Coliform, Fecal	6 consecutive hour geometric mean	800	No./100 ml				Grab		X	(2)
Coliform, Fecal	Individual sample	2400	No./100 ml				Grab		X	(2)
Coliform, Total	Monthly Median	700	No./100 ml			1/week	Grab		X	(5) (6)
Chlorine, Total Residual	Daily Max.	1.6	mg/l			2/day	Grab		X	

See Footnotes on page 4

ACTION LEVELS AND MONITORING

OUTFALL	LIMITATIONS APPLY:	RECEIVING WATER	EFFECTIVE	EXPIRING
001	All year unless otherwise noted	Smithtown Bay	EDPM	ExDP

PARAMETER	EFFLUENT LIMIT		ACTION LEVEL	UNITS	SAMPLE FREQUENCY	SAMPLE TYPE	FN
	Monthly Avg	Daily Max					
Zinc, Total			1.0	lbs/day	1/quarter	24-hr. comp.	

FOOTNOTES and ADDITIONAL CONDITIONS:

- 1) and effluent shall not exceed 15 % and 15 % of influent concentration values for CBOD₅ & TSS respectively.
- 2) This is an Interstate Environmental Commission (IEC) requirement. The permittee is not required to perform this sampling but shall be required to meet the permit limit at all times. EPA, DEC or IEC may perform the sampling.
- 3) No sewer extensions (connections outside the approved district) without prior DEC approval.
- 4) Grab samples shall be taken during periods which include normally high effluent flows.
- 5) Each April and August, the permittee shall analyze grab samples (a) taken every 2 hours on one day to assure adequacy and consistency of disinfection; (b) taken twice on each of seven consecutive days to compute a seven day geometric mean; and (c) report above results in an addendum to the applicable Discharge Monitoring Report.
- 6) The most probable number (MPN) method, by the multiple fermentation tube technique, is the only approved fecal and total coliform testing procedure. No more than 10% of the samples shall exceed an MPN of 3300/100mL for the 3 tube per decimal dilution MPN test, nor an MPN of 2300/100mL for the 5 tube per decimal dilution MPN test.
- 7) Notification of initiation of an anticipated bypass or treatment reduction necessitated by construction or reconstruction of sewage treatment works, must be performed in accordance with 6 NYCRR Part 750 and 21 NYCRR Part 550.4. Notification must be made to IEC and EPA, as well as DEC.
- 8) Analysis shall be by EPA Method 245.1, 245.2 or 245.7.

**Long Island Sound Management Zone 11 - (SCSD #21, SCSD #1, Huntington, SCSD #6, Northport, Greenport)
The Final (100%) Water Quality Based Effluent Limits and Monitoring**

OUTFALL NUMBER	LIMITATIONS APPLY:	RECEIVING WATER	EFFECTIVE	EXPIRING
002	[X] All Year [] Seasonal from _____ to _____	Long Island Sound Study Management Zone 11	August 1, 2014	ExDP

PARAMETER	ENFORCEABLE EFFLUENT LIMITATIONS					MONITORING REQUIREMENTS				Foot Notes
	Type	Limitation	Units	Limitation	Units	Sample Frequency	Sample Type	Location Influent Effluent		
Total Nitrogen (LISS Zone 11 POTW Aggregate)	12 Month Rolling Average (Aggregate)			213	lbs/day	1/month	calculated		X	(1)(2)(3)(4)
Total Nitrogen	12 Month Rolling Average (Individual)			Monitor	lbs/day	1/month	calculated		X	(1)(3)(4)(5)(6)
Total Nitrogen (LISS Zone 11 POTW Aggregate)	Monthly average			Monitor	lbs/day	1/month	calculated		X	(2)(3)
Total Nitrogen	Monthly average	Monitor	mg/l	Monitor	lbs/day	1/week	calculated	X	X	(3)
Nitrogen, Ammonia (as NH ₃)	Monthly average	Monitor	mg/l			1/week	24 hour composite	X	X	
Nitrogen, TKN (as N)	Monthly average	Monitor	mg/l			1/week	24 hour composite	X	X	
Nitrate (NO ₃) as N	Monthly average	Monitor	mg/l			1/week	24 hour composite	X	X	
Nitrite (NO ₂) as N	Monthly average	Monitor	mg/l			1/week	24 hour composite	X	X	

SEE FOOTNOTES on page 6

FOOTNOTES FOR LONG ISLAND SOUND WATER QUALITY-BASED EFFLUENT LIMITS AND MONITORING

(1) The Long Island Sound Study (LISS) Management Conference has adopted "*Phase III Actions for Hypoxia Management.*" The States of New York and Connecticut have jointly established the "*Total Maximum Total Daily Load Analysis to Achieve Water Quality Standards for Dissolved Oxygen in Long Island Sound*" which was approved by the U.S. Environmental Protection Agency (EPA) on April 5, 2001. *Appendix C* of the TMDL establishes individual POTW and total CSO Waste Load Allocations (WLAs) for LISS Management Zones. The TMDL requires a reduction of 58.5% of total nitrogen from in-basin sources by August 1, 2014. An interim reduction of 40 percent of the 58.5% (23.4%) shall be accomplished by August 1, 2004. An interim reduction of 75 percent of the 58.5% (43.8%) shall be accomplished by August 1, 2009.

The LISS will formally review the basis for the nitrogen reduction targets no later than February 2003. This evaluation may result in proposed modifications to the TMDL. If the TMDL is modified and approved by EPA, the Department may propose a modification to these effluent limits to reflect the WLAs in the approved modified TMDL. The permittee may request a modification to these limits to reflect the WLAs in the modified TMDL approved by EPA.

These are the final Water Quality Based Effluent Limits based on the Waste Load Allocations developed pursuant to the TMDL.

(2) LISS Management Zone 11 POTW Aggregate - is defined as the sum of effluent discharges from SCSD #21, SCSD #1, Huntington, SCSD #6, Northport, and Greenport POTWs.

(3) Total Nitrogen = Total Kjeldahl Nitrogen (TKN) + Nitrite (NO₂) + Nitrate (NO₃).

(4) The Individual 12 month rolling average (12-MRA) is defined as the current monthly average value averaged with the eleven previous months for each facility in Zone 11. The individual 12-MRAs are then summed to calculate the Aggregate 12-MRA. The 12-MRA is enforced as a 30-day average limit, therefore any reported exceedance of the 12-MRA will be considered 30 days of violation. The permittees in Zone 11 shall calculate the Aggregate 12-MRA limit and the result shall be reported by each of the individual permittees on their own DMR. The permittee shall provide a copy of the portion of each of its DMRs pertaining to its individual 12-MRA value to each of the other dischargers listed above at the same time that such shall be reported on the DMRs.

(5) If the aggregate twelve month rolling average limit for total nitrogen is exceeded, the individual waste load allocations shall be used, for purposes of compliance, to determine whether the permittee was the cause of the exceedance. The individual waste load allocations for this permittee, published in the "*Total Maximum Total Daily Load Analysis to Achieve Water Quality Standards for Dissolved Oxygen in Long Island Sound*", are 91, 53, and 26 lbs/day for the periods August 1, 2004 through July 31, 2009, August 1, 2009 through July 31, 2014, and August 1, 2014 through ExDP, respectively.

PRETREATMENT PROGRAM IMPLEMENTATION REQUIREMENTS

- A. **DEFINITIONS.** Generally, terms used in this Section shall be defined as in the General Pretreatment Regulations (40 CFR Part 403). Specifically, the following definitions apply to terms used in this Section (PRETREATMENT PROGRAM IMPLEMENTATION REQUIREMENTS):
1. **Categorical Industrial User (CIU)-** an industrial user of the POTW that is subject to Categorical Pretreatment Standards under 40 CFR 403.6 and 40 CFR Chapter I, Subchapter N;
 2. **Local Limits -** General Prohibitions, specific prohibitions and specific limits as set forth in 40 CFR 403.5.
 3. **The Publicly Owned Treatment Works (the POTW) -** as defined by 40 CFR 403.3(p) and that discharges in accordance with this permit.
 4. **Program Submission(s) -** requests for approval or modification of the POTW Pretreatment Program submitted in accordance with 40 CFR 403.11 or 403.18 and approved by letter dated September 30, 1985.
 5. **Significant Industrial User (SIU) -**
 - a. CIUs;
 - b. Except as provided in 40 CFR 403.3(v)(3), any other industrial user that discharges an average of 25,000 gallons per day or more of process wastewater (excluding sanitary, non-contact cooling and boiler blowdown wastewater) to the POTW;
 - c. Except as provided in 40 CFR 403.3(v)(3), any other industrial user that contributes a process wastestream which makes up 5 percent or more of the average dry weather hydraulic or organic capacity of the POTW treatment plant;
 - d. Any other industrial user that the permittee designates as having a reasonable potential for adversely affecting the POTW's operation or for violating a pretreatment standard or requirement.
 6. **Substances of Concern -** Substances identified by the New York State Department of Environmental Conservation Industrial Chemical Survey as substances of concern.
- B. **IMPLEMENTATION.** The permittee shall implement a POTW Pretreatment Program in accordance 40 CFR Part 403 and as set forth in the permittee's approved Program Submission(s). Modifications to this program shall be made in accordance with 40 CFR 403.18. Specific program requirements are as follows:
1. **Industrial Survey.** To maintain an updated inventory of industrial dischargers to the POTW the permittee shall:
 - a. Identify, locate and list all industrial users who might be subject to the industrial pretreatment program from the pretreatment program submission and any other necessary, appropriate and available sources. This identification and location list will be updated, at a minimum, every five years. As part of this update the permittee shall collect a current and complete New York State Industrial Chemical Survey form (or equivalent) from each SIU.
 - b. Identify the character and volume of pollutants contributed to the POTW by each industrial user identified in B.1.a above that is classified as a SIU.
 - c. Identify, locate and list, from the pretreatment program submission and any other necessary, appropriate and available sources, all significant industrial users of the POTW.
 2. **Control Mechanisms.** To provide adequate notice to and control of industrial users of the POTW the permittee shall:
 - a. Inform by certified letter, hand delivery courier, overnight mail, or other means which will provide written acknowledgment of delivery, all industrial users identified in B.1.a. above of applicable pretreatment standards and requirements including the requirement to comply with the local sewer use law, regulation or ordinance and any applicable requirements under section 204(b) and 405 of the Federal Clean Water Act and Subtitles C and D of the Resource Conservation and Recovery Act.

PRETREATMENT PROGRAM IMPLEMENTATION REQUIREMENTS, page 2 of 3

- b. Control through permit or similar means the contribution to the POTW by each SIU to ensure compliance with applicable pretreatment standards and requirements. Permits shall contain limitations, sampling frequency and type, reporting and self-monitoring requirements as described below, requirements that limitations and conditions be complied with by established deadlines, an expiration date not later than five years from the date of permit issuance, a statement of applicable civil and criminal penalties and the requirement to comply with Local Limits and any other requirements in accordance with 40 CFR 403.8(f)(1).
3. Monitoring and Inspection. To provide adequate, ongoing characterization of non-domestic users of the POTW, the permittee shall:
 - a. Receive and analyze self-monitoring reports and other notices. The permittee shall require all SIUs to submit self-monitoring reports at least every six months unless the permittee collects all such information required for the report, including flow data.
 - b. The permittee shall adequately inspect each SIU at a minimum frequency of once per year.
 - c. The permittee shall collect and analyze samples from each SIU for all priority pollutants that can reasonably be expected to be detectable at levels greater than the levels found in domestic sewage at a minimum frequency of once per year.
 - d. Require, through permits, each SIU to collect at least one 24 hour, flow proportioned composite (where feasible) effluent sample every six months and analyze each of those samples for all priority pollutants that can reasonably be expected to be detectable in that discharge at levels greater than the levels found in domestic sewage. The permittee may perform the aforementioned monitoring in lieu of the SIU except that the permittee must also perform the compliance monitoring described in 3.c.
 4. Enforcement. To assure adequate, equitable enforcement of the industrial pretreatment program the permittee shall:
 - a. Investigate instances of noncompliance with pretreatment standards and requirements, as indicated in self-monitoring reports and notices or indicated by analysis, inspection and surveillance activities. Sample taking and analysis and the collection of other information shall be performed with sufficient care to produce evidence admissible in enforcement proceedings or in judicial actions. Enforcement activities shall be conducted in accordance with the permittee's Enforcement Response Plan developed and approved in accordance with 40 CFR Part 403.
 - b. Enforce compliance with all national pretreatment standards and requirements in 40 CFR Parts 406 - 471.
 - c. Provide public notification of significant non-compliance as required by 40 CFR 403.8(f)(2)(viii).
 - d. Pursuant to 40 CFR 403.5(e), when either the Department or the USEPA determines any source contributes pollutants to the POTW in violation of Pretreatment Standards or Requirements the Department or the USEPA shall notify the permittee. Failure by the permittee to commence an appropriate investigation and subsequent enforcement action within 30 days of this notification may result in appropriate enforcement action against the source and permittee.
 5. Record keeping. The permittee shall maintain and update, as necessary, records identifying the nature, character, and volume of pollutants contributed by SIUs. Records shall be maintained in accordance with 6 NYCRR Part 750-2.5(c).
 6. Staffing. The permittee shall maintain minimum staffing positions committed to implementation of the Industrial Pretreatment Program in accordance with the approved pretreatment program.
- C. SLUDGE DISPOSAL PLAN. The permittee shall notify NYSDEC, and USEPA as long as USEPA remains the approval authority, 60 days prior to any major proposed change in the sludge disposal plan. NYSDEC may require additional pretreatment measures or controls to prevent or abate an interference incident relating to sludge use or disposal.

PRETREATMENT PROGRAM IMPLEMENTATION REQUIREMENTS, page 3 of 3

D. REPORTING. The permittee shall provide to the offices listed on the Monitoring, Reporting and Recording page of this permit and to the Chief-Water Compliance Branch; USEPA Region II; 290 Broadway; New York, NY 10007; a periodic report that briefly describes the permittee's program activities over the previous year. This report shall be submitted to the above noted offices within 60 days of the end of the reporting period. The reporting period shall be TWICE PER YEAR with reporting period(s) ending on January 31st and July 31st of each year.

The periodic report shall include:

1. Industrial Survey. Updated industrial survey information in accordance with 40 CFR 403.12(i)(1) (including any NYS Industrial Chemical Survey forms updated during the reporting period).
2. Implementation Status. Status of Program Implementation, to include:
 - a. Any interference, upset or permit violations experienced at the POTW directly attributable to industrial users.
 - b. Listing of significant industrial users issued permits.
 - c. Listing of significant industrial users inspected and/or monitored during the previous reporting period and summary of results.
 - d. Listing of significant industrial users notified of promulgated pretreatment standards or applicable local standards who are on compliance schedules. The listing should include for each facility the final date of compliance.
 - e. Summary of POTW monitoring results not already submitted on Discharge Monitoring Reports and toxic loadings from SIU's organized by parameter.
 - f. A summary of additions or deletions to the list of SIUs, with a brief explanation for each deletion.
3. Enforcement Status. Status of enforcement activities to include:
 - a. Listing of significant industrial users in Significant Non-Compliance (as defined by 40 CFR 403.8(f)(2)(viii) with federal or local pretreatment standards at end of the reporting period.
 - b. Summary of enforcement activities taken against non-complying significant industrial users. The permittee shall provide a copy of the public notice of significant violators as specified in 40 CFR Part 403.8(f)(2)(viii).

E. Additional Requirements – Sampling Schedule for Smithtown Landfill Leachate wastes

Grab samples shall be taken once per month prior to discharge into the POTW and analyzed for the parameters shown below. For analytical methods refer to part II of this permit. The permittee shall submit the results every six months as part of the reporting requirements in D.

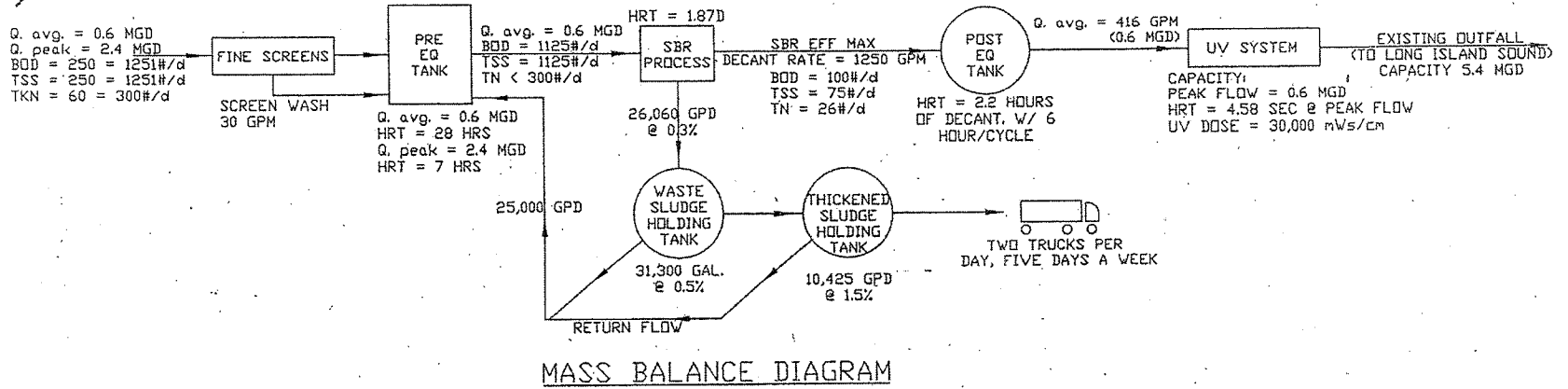
Flow (average gal/day)	Antimony	Aluminum	Phenols	CBOD
Cadmium	Copper	Cyanide	Suspended Solids	Chromium
Arsenic	Vinyl Chloride	pH	Lead	Zinc
Chloroethane	Organic Nitrogen	Nickel	Silver	Ammonia
1,1-Dichloroethane	Mercury	Toluene	Xylenes, total	Naphthalene
2,4-Dimethyl Phenol	Diethyl Phthalate	Bis-2-Ethylhexyl Phthalate		

- 1) Leachate waste are limited to 200,000 gal/week from the Town of Smithtown Refuse/Balefill Operations at Kings Park. Scavenger/septic wastes are no longer accepted at this facility.
- 2) Evaluation of the foregoing analyses may result in the assignment of permit limitations or action levels for additional parameters.

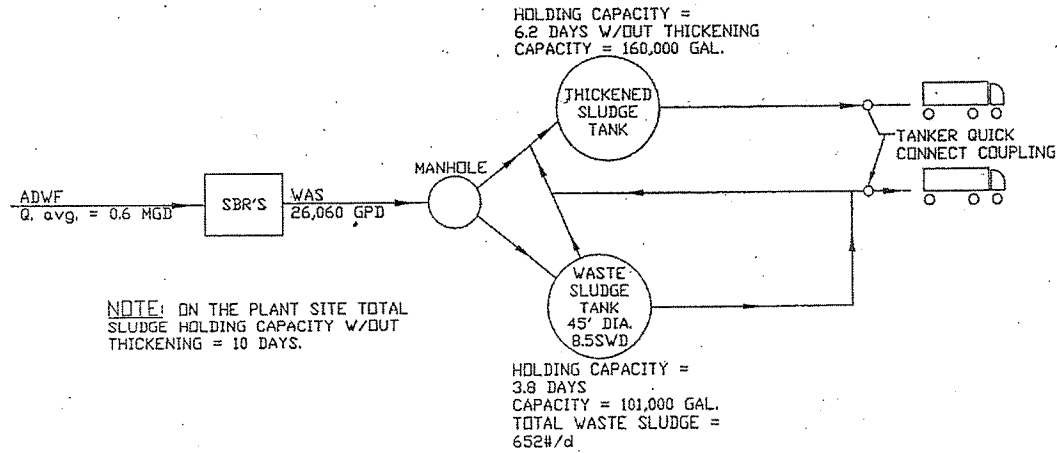
MONITORING LOCATIONS

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

3)



5)



SLUDGE PROCESS FLOW DIAGRAM

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.
- (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, 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.

RECORDING, REPORTING AND ADDITIONAL MONITORING REQUIREMENTS

- a) 6 NYCRR Part 750 is hereby incorporated by reference and its conditions are enforceable requirements of this permit. The permittee shall comply with all conditions set forth in this permit and with 6 NYCRR Part 750, including, but not limited to: additional monitoring and reporting requirements and conditions, including noncompliance reporting.
- b) 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;**

(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.

(if box is checked) a monthly "Wastewater Facility Operation Report..." (form 92-15-7) to the:

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 1
 50 Circle Road, Stony Brook, New York 11790-3409
 Phone: (631) 444-0405

Send an **additional copy** of each DMR page to:
 Suffolk County Dept. of Health Services,
 Office of Wastewater Management
 360 Yaphank, New York 11980

Intersate Environmental Commission
 311 West 43rd Street, Suite 201
 New York, NY 10036

- c) 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.
- d) 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.
- e) Calculations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified in this permit.
- f) 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.
- g) 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.
- h) 6 NYCRR Part 750 is hereby incorporated by reference and its conditions are enforceable requirements of 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 g following.
- i) General Conditions
1. Duty to comply 6NYCRR Part 750-2.1(e) & 2.4
 2. Duty to reapply 6NYCRR Part 750-1.16(a)

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| 3. | Need to halt or reduce activity not a defense | 6NYCRR Part 750-2.1(g) |
| 4. | Duty to mitigate | 6NYCRR Part 750-2.7(f) |
| 5. | Permit actions | 6NYCRR Part 750-1.1(c), 1.18, 1.20 & 2.1(h) |
| 6. | Property rights | 6NYCRR Part 750-2.2(b) |
| 7. | Duty to provide information | 6NYCRR Part 750-2.1(i) |
| 8. | Inspection and entry | 6NYCRR Part 750-2.1(a) & 2.3 |
| | | |
| j) | Operation and Maintenance | |
| 9. | Proper Operation & Maintenance | 6NYCRR Part 750-2.8 |
| 10. | Bypass | 6NYCRR Part 750-1.2(a)(17), 2.8(b) & 2.7 |
| 11. | Upset | 6NYCRR Part 750-1.2(a)(94) & 2.8(c) |
| | | |
| k) | Monitoring and Records | |
| 12. | Monitoring and records | 6NYCRR Part 750-2.5(a)(2), 2.5(c)(1), 2.5(c)(2), 2.5(d) & 2.5(a)(6) |
| 13. | Signatory requirements | 6NYCRR Part 750-1.8 & 2.5(b) |
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| l) | Reporting Requirements | |
| 14. | Reporting requirements | 6NYCRR Part 750-2.5, 2.6, 2.7 & 1.17 |
| 15. | Anticipated noncompliance | 6NYCRR Part 750-2.7(a) |
| 16. | Transfers | 6NYCRR Part 750-1.17 |
| 17. | Monitoring reports | 6NYCRR Part 750-2.5(e) |
| 18. | Compliance schedules | 6NYCRR Part 750-1.14(d) |
| 19. | 24-hour reporting | 6NYCRR Part 750-2.7(c) & (d) |
| 20. | Other noncompliance | 6NYCRR Part 750-2.7(e) |
| 21. | Other information | 6NYCRR Part 750-2.1(f) |
| 22. | Additional conditions applicable to a POTW | 6 NYCRR Part 750-2.9 |
| 23. | Special reporting requirements for discharges that are not POTWs | 6 NYCRR Part 750-2.6 |
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| m) | 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: | |
| i. | 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 | |
| ii. | 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). | |
| iii. | 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, addressed as follows: U.S. EPA Region 2, Clean Water Regulatory Branch, 290 Broadway, 24 th Floor, New York, NY 10007-1866. | |
| | | |
| n) | Notification Requirement for POTWs | |
| 1. | All POTWs shall provide adequate notice to the Department and the USEPA of the following: | |
| i. | 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; | |
| ii. | 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. | |
| iii. | For the purposes of this paragraph, adequate notice shall include information on: | |
| a. | the quality and quantity of effluent introduced into the POTW, and | |
| b. | 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, addressed as follows: U.S. EPA Region 2, Clean Water Regulatory Branch, 290 Broadway, 24th Floor, New York, NY 10007-1866.