

**COUNTY OF SUFFOLK**



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**Office of Wastewater Management**

**Report on the Sewage Treatment Plants of Suffolk County**  
**2013 Performance Evaluation**

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## Executive Summary

The New York State Pollution Discharge Elimination System (SPDES) Permit regulates the operation of all the sewage treatment plants located in Suffolk County. On behalf of the State, Suffolk County Department of Health Services' (SCDHS) Office of Wastewater Management monitors performance of these facilities. A report is prepared each year providing an account of the operation status and the level of performance of all the treatment facilities.

In 2013, there were 197 sewage treatment plants (STP) operating in Suffolk County. SCDHS performed inspections of all of the aforementioned STPs under its jurisdiction. Out of 197 STPs, 171 plants are capable of reducing BOD<sub>5</sub> (Biochemical Oxygen Demand), SS (Total Suspended Solids), and N (Total Nitrogen) and are categorized as tertiary plants. 26 plants are capable of reducing BOD<sub>5</sub> and SS only and are categorized as secondary plants. Of the existing tertiary facilities, 14 plants are either seasonal, or not in steady-state, or closed making the total number of tertiary plants 157 for consideration in the performance average. Of the existing secondary plants, one was closed in March of 2013, one was bypassed to a temporary septic system while being replaced by a newly constructed treatment plant, and no data were available from another secondary plant, thereby, making the total number of plants 23 for consideration in the performance average.

SCDHS has been actively requiring the older plants that are underperforming and/or lacking nitrogen removal capability, to undergo major renovations or replacement by a new treatment plant. Currently, 26 tertiary plants that are in non-compliance with their SPDES Permits are undergoing upgrade and/or repairs. 13 of the 26 existing secondary plants are in the process of transition to tertiary treatments with the addition of a nitrogen removal system. In 2013, conversion to tertiary treatments were completed for two secondary plants and two other secondary plants were replaced by pump stations to convey untreated wastewater to municipal plants that remove nitrogen from the waste stream. Renovations of a significant number of the tertiary plants are expected to be completed during 2014. Furthermore, most of the secondary facilities are expected to complete their upgrades by the end of 2014.

The life expectancy of a sewage treatment plant is approximately 30 years. There are many plants in Suffolk County that have been operating in the range of 25 to 40 years. Therefore, a few plants always undergo repairs and/or major renovations and during the construction it is expected that the plants' effluent quality would be compromised. Therefore, deviation from their SPDES Permit limitations would be inevitable. For such cases, the Department always enforces maintenance of the effluent quality to the extent reasonably achievable under the circumstances.

During 2012, the STP inspection program was modified. Instead of a standardized schedule of quarterly inspection of each plant, the number of inspections per year per facility was modified based on pollution risk factor. Well operated plants complying with their SPDES Permit were inspected bi-annually and high risk plants were inspected quarterly. In 2013, a total of 495 inspections were performed and samples were collected at the time of inspections. The analyses reports of these samples along with the NYSDEC Discharge Monitoring Reports (DMR) were evaluated. The categories are color coded and the facilities have been sorted based upon their ownership, level of performance and physical conditions as shown on the following table:

Tertiary Treatment Plant Data (Effluent TN only): TABLE 1

Color	Owner-ship	Risk Level	No. of Plants	Overall No. of Plants	No. of Plants in Calc.	Total No. of Plants in Calc.	TN Avg	Total No. of Plants in Steady State / Non OOC	Steady State/ Non OOC TN Avg	Overall TN Avg
Blue	Municipal	Low	36	171	33	157	5.8	128	5.9	8.7
Green	Private	Low	98		95		6.0			
Red	Private	High	37		29		20.9			

Secondary Treatment Plant Data (Effluent BOD<sub>5</sub> & SS only): TABLE 2

Color	Ownership	Risk Level	No. of Plants	Overall No. of Plants	No. of Plants in Calc.	Total No. of Plants in Calc.	Parameter		Average	
							BOD <sub>5</sub>	SS	BOD <sub>5</sub>	SS
Blue	Municipal	Low	6	26	6	23	27.1	9.2	22.7	16.09
Green	Private	Low	6		6		8.3	16.2		
Red	Private	High	14		11		20.7	19.8		

Furthermore, all the 16 treatment plants that discharge to surface waters met the required fecal coliform limit of <800 MPN/100 ml with only a few excursions. The average Total Nitrogen of all the 128 tertiary facilities that were in steady state and were not covered under an Order on Consent was 5.9 mg/L. The average total nitrogen concentration for all the 157 tertiary treatment plants operating in steady state condition was 8.7 mg/L. The average BOD<sub>5</sub> and SS of all the 23 secondary plants operating in steady state condition was 22.7 and 16.09 respectively. The results are within the NYSDEC permit limits.

In 2013, the Department has seen improvement in the number of facilities that are complying with the discharge limits of their SPDES Permit. The number of “High Risk” facilities (inclusive of both tertiary and secondary facilities) reduced to 51 from 60 in 2012. The reduced number includes the three newly constructed facilities and the two facilities replaced by pump stations connecting the County sewer districts. The following table represents an account of the number of inspections and the number of “High Risk” facilities in last three years:

TABLE 3

	2011	2012	2013
Inspections Required	4/yr.	Per the new program as of July 2012	Fully implemented program
Inspection Performed	768	633	495
Number of High Risk Facilities	N/A	60	51
Total Nitrogen in mg/l	9.9	8.6	8.7

The above table reveals that the modified inspection program based on pollution risk factor helped keeping the overall performance of the facilities consistent with 2012 data even with lesser number of inspections.

## STP Program Overview

### Purpose

The residents of Suffolk County depend upon groundwater for their drinking water needs. The groundwater is contained within a sole source aquifer that extends throughout Long Island. For this reason it is extremely important that the quality of the aquifer remain as pristine and pure as possible. Every effort must be made to prevent this natural resource from being polluted.

Suffolk County has a population of approximately 1.5 million and much of the wastewater generated by this population is discharged back into the aquifer. One potential pollutant contained within the wastewater is nitrogen. The Suffolk County Sanitary Code limits discharge of sanitary wastewater into the ground throughout the region as one method of limiting the detrimental effects of nitrogen from human sources to our aquifer. Another method of limiting nitrogen is by mandating an on-site sewage treatment plant when a proposed project exceeds the allowable population density of the parcel selected for the project. Approximately 70 – 75% of the County's population is served by conventional on-site sewage disposal systems consisting of septic tanks and leaching pools. The remaining 25 – 30% of the population is served by sewage treatment plants.

In 2013 there were 197 STPs in operation in Suffolk County. 171 plants were designed to remove nitrogen from the wastewater stream all year long and are considered as "Tertiary Plants". They typically have a discharge limit of 10 mg/L of total nitrogen. 26 facilities are considered as "Secondary Plants" and are required to reduce BOD<sub>5</sub> and SS to 30 mg/L in accordance with their SPDES Permit. Of the existing tertiary facilities, 14 plants are either seasonal, or not in steady-state making the total number of tertiary plants 157 for consideration in the performance average. The Department requires installation of monitoring wells at each sewage treatment facility that discharges to groundwater in order to detect any impacts on the groundwater in the area by the discharge of the effluent.

All the 197 treatment plants have a discharge limitation range of 5.5 – 8.5 for pH. Furthermore, facilities that discharge to surface water are subjected to a total fecal coliform standard that varies upon location, but is generally within the range 200 – 800 MPN/100 ml. There are 15 facilities that discharge to surface waters and must meet the aforementioned coliform limitations.

### Program Aspects

The goal of the program is to ensure that the overall yearly rolling average of nitrogen concentration of all the tertiary plants operating in Suffolk County is maintained at or below 10 mg/L and the overall yearly rolling average for BOD<sub>5</sub> and SS of all the tertiary and secondary plants remain at or below 30 mg/L and in strict compliance with their SPDES Permit requirements. A number of various activities were formulated in order to achieve this goal and the mechanism has proven to be effective, as the annual reports of last several years show gradual improvement and advancement towards the goal.

The activities may be categorized as follows:

- Engineering
- Inspection
- Clerical

Engineering Activities: The following responsibilities are performed:

- Issuance of SPDES Permit
- Approval of applications for new construction - Approval involves review of engineering report, detail design plans and specifications, and shop drawings for equipment for the proposed treatment plant. It also includes, review of site plans for sewage collection and water distribution systems, water design report, and preparation of other pertinent paperwork.
- Approval of applications for repair/upgrade/replacement of existing plants – Approval involves review of engineering report, detail design plans and specifications, and shop drawings for equipment.
- Approval of applications for municipal sewer extension – Approval involves review of engineering report, detail design plans and specifications in coordination with other municipalities as well as the County Sewer District.
- Inspection of construction at various phases.
- Inspection of equipment start-up prior to commencement of plant operation.
- Evaluation of new technologies for acceptance in Suffolk County.
- Involvement with various studies, for example, OSDS Study, Sewer Study, etc.
- Discuss sampling analyses data with the inspectors.

Inspection: The responsibilities involve the following:

- Quarterly inspection of each of the 197 plants. Samples are collected at the time of inspection.
- Preparation of a synopsis of each week's inspection activities to discuss during weekly meetings.
- Preparation of violation notices for underperforming facilities or facilities with deteriorating physical conditions.
- Inspection of the required repairs to bring the non-conforming facilities into compliance.
- Emergency inspections.
- Preparation of Orders on Consent for consistently non-conforming facilities.
- Review of sampling analyses reports and monthly Discharge Monitoring Reports (DMRs) furnished by the plant operators.
- Updating SPDES Database.
- Updating records of Capital Fund and Maintenance Fund for each treatment plant.

Clerical: The responsibilities involve the following:

- Input data from analyses reports and DMRs.
- Process of SPDES Permits.
- Follow-up of violation notices sent by inspectors.
- Keeping track of submission deadlines for facilities with Order on Consent.
- Assisting inspectors in preparation and execution of Order on Consent.
- Maintaining updated status of Letters of Credit.

In 2013, a substantial part of the clerical responsibilities was assumed by the participants of the STP Program because of the shortage of clerical staff.

## **STP Program Description**

### **History**

The STP Program was organized in 1998 in response to the new NYSDEC Regulations that required all the existing facilities that were discharging sanitary wastewater in excess of 30,000 gallons per day to groundwater and new STPs to strictly comply with their nitrogen removal standards. The requirement caused proliferation of sewage treatment facilities in Suffolk County necessitating management and control of the performance of these facilities to protect the quality of groundwater from deterioration as most of the treatment plants discharged treated wastewater into the ground. The Department assigned two NYS certified wastewater treatment plant operators to work under the supervision of a NYS licensed engineer specialized in sewage treatment plant design and operation. A set of criteria was formulated based on experience and good engineering practice. The inspectors utilized these criteria to evaluate each STP's performance and physical condition. The program commenced quarterly inspection of all the STPs.

In April 2008, a policy involving more stringent enforcement was enacted. The policy requires a legal action for any unsatisfactory conditions noted at a sewage treatment facility at the time of an inspection. This legal action involves monetary penalties for the first time violation and doubling the dollar amount for each repeated violation. Furthermore, the policy requires issuance of Consent Orders for facility in need for substantial upgrade involving considerable construction time and funds. The purpose of the Consent Order was to organize the required construction within a fixed time frame in order to bring a failing treatment facility into compliance without unnecessary delays.

During the last 15 years 100 new STPs were constructed which includes 20 plants that replaced existing facilities whose physical conditions and/or treatment capability deteriorated over the years. During this time 8 treatment facilities were replaced by pump station to deliver sewage to the municipal plants. 14 existing plants were upgraded from secondary to tertiary treatment and over 70% of the existing plants have undergone extensive repairs in accordance with the Department's requirements.

By the end of 2010, the total number of STPs in the County increased to 193. In order to handle the increased workload one additional engineer and one clerical staff were assigned to the program.

In 2012, the STP program was reorganized due to staff reduction. One engineer and the clerical staff were reassigned to other programs within the Department. The program is now operating with one full time NYS licensed engineer and two full time NYS certified operators. The inspectors assumed all the duties performed by the clerical staff. In order to handle all the workload as efficiently as possible, yet maintaining the continuity of routine inspections of all the STPs, the inspection program was restructured with the inception of the "Risk Based Inspection Program".

The new inspection program instituted inspection and sampling of each of the well operated treatment facilities bi-annually and all the underperformed or "high risk" facilities were inspected four times a year. According to this plan, all the facilities were inspected during January, February March and April. During May and June, only the "high Risk" facilities were re-inspected. The schedule was then repeated for the second half of the year. However in 2012, all the 195 STPs were inspected and sampled during the first, second and third quarters till October. The high risk facilities were re-inspected during the following two months. All the facilities were categorized into three color coded groups as shown in the following table:

TABLE 4

Group	Facility Description	Risk Level	Yearly Inspections
Blue	Municipal, Industrial and DPW operated plants meeting SPDES Permit. Enforcement is under NYDEC's Jurisdiction	Low	2
Green	Privately owned plants meeting SPDES Permit	Low	2
Red	Privately owned plants not in steady state and/or not meeting SPDES Permit	High	4

The following table further categorizes the Red group based on the associated issues:

TABLE 5

Issue	Description
A	Facility is currently under Order on Consent
B	Facility is currently under Voluntary Compliance Agreement
C	Facility does not consistently comply with the conditions of its SPDES Permit
D	Past history warrants follow up inspections
E	DMR Laboratory results are inconsistent with SCDHS data
F	Plant is not yet in steady state.

A reader must refer to the above table while going through the sample results for 2013 provided under the appendix. The aforementioned new program was fully implemented throughout 2013.

Suffolk County receives reimbursement from the NYSDEC for inspection of the treatment plants per an existing contract between the Department and NYSDEC. The Department is responsible to inspect all the 197 STPs. While only 155 private plants fall under the Department's jurisdiction, the rest of the 42 plants are municipal and are regulated by NYSDEC under their jurisdiction.

### New Initiatives in 2013

The Department receives monthly NYSDEC Discharge Monitoring Reports (DMR). The STP staff review the DMR data along with the analyses report of samples collected by the staff during inspection of the treatment facilities. Based on the evaluation of these data, the level of performance of each facility is determined. In order to keep all the facilities in strict compliance with their SPDES Permit requirements, effective January 1, 2013, the department implemented the following quantifiers as basis of designating a facility a "Significant Non-Complier (SNC)":

- A facility exceeding its permit limit(s) by greater than 40% three times in six consecutive months, Or,
- A facility with its six-month rolling average exceeding its permit limit(s), Or,
- A facility failing to submit a DMR or submitting an incomplete DMR.

Upon classifying a facility as a SNC, the Department initiated legal actions against the facility which might have incurred monetary penalties.

In order to handle all the paperwork associated with reviews and inspections more effectively and efficiently, the Department generated inspection follow up letters that outlined any specific deficiencies noted at a facility during inspections. Several need-based form letters were composed to streamline this process making it simple and less time consuming task for the staff. All deficiencies noted were required to

be corrected within a time frame specified in the letter. The deadlines indicated in the letters were tracked by STP program staff and legal actions were taken if the requirements were not fulfilled in a timely manner.

### New Initiatives in 2014

The Department is planning to implement modification of the STP database, originally planned in 2013, in order to enable it to automatically generate inspection follow up letters and legal documents by gathering pertinent information from its inspection files. Several need-based form letters will be composed for this modification so that only address, salutation, date, and in some cases, reason sections will be automatically populated prior to printing out the letter making it a simple and less time consuming task for the staff. The plan could not be implemented in 2013 because of lack of time needed to be dedicated for this task by personnel experienced in this type of work.

In 2014, the Department is planning on finalizing the operating and maintenance standards for sewage and industrial section of Article 7, Suffolk County Sanitary Code, the modification of which commenced in 2012. The new revision will clarify the requirements to be met by operators and the owners of the treatment plants. The new standards will clearly describe the responsibilities of the operators, the owners and the engineer of record. This will help augment the level of performance and physical conditions of the facilities.

The Department is also planning on completing the report on the feasibility of reducing the setback requirements for proposed projects involving construction of sewage treatment facilities with a design flow of greater than 15,000 gallons per day.

### Sample Results for 2013

Effluent data from all the STPs in Suffolk County are evaluated to determine compliance with their SPDES permit conditions. Tertiary plants that discharge to groundwater are subjected to limitations for TN, BOD<sub>5</sub>, SS, and pH. Secondary plants discharging to groundwater have limitations for BOD<sub>5</sub>, SS and pH. The plants that discharge to surface water are subjected to a limitation for Fecal Coliform. It must be noted that some plants have within their SPDES Permits with varying limitations for BOD and SS depending on different calculated averages; 7 day, 30 day or 6 hr. For the Department's enforcement work, 30 day monthly average of BOD and SS is used. The following table lists the aforementioned parameters and the corresponding limits:

TABLE 6

Parameter	TN	BOD <sub>5</sub>	SS	Fecal Coliform	pH
Limit/Range	10 mg/L	30 mg/L	30 mg/L	800 MPN/100 ml	5.5 to 8.5 S.U.

In 2013, all of the active plants in Suffolk County were inspected and sampled a minimum of 3 times in a 12 month period. 50 plants were considered to be high risk and were inspected 4 times. A total of 495 inspections were performed and over 2500 sample parameters were analyzed. The parameters included total nitrogen, BOD<sub>5</sub>, SS, total and fecal coliform, and pH. Some additional samples were taken from plant effluent for organic and metal analyses from some municipal sewer districts. All of the samples collected for analyses by the Department staff were grab samples. Samples analyzed for DMR were collected by the treatment plant representatives. All the samples were collected prior to discharging into the groundwater or surface water. There were some treatment facilities that had effluent flow well below their permitted flow. This was due to the low occupancy of the communities they served and hence a low daily discharge into



their systems causing difficulty in meeting their SPDES discharge standards. The Department classified these plants as “Not in Steady State”.

The results are displayed in the Appendix. Equipment failure at any facilities and /or operational transients can negatively affect the reported numbers by skewing the average higher. While reviewing the averages it must be kept in mind that Suffolk County never eliminates transients from their calculations.

The following table shows average effluent data for the color coded categories for 2013 under the “Risk Based Inspection Program”:

**TABLE 7**

Effluent Parameter	Limit (mg/L)	Blue (Municipal, Low Risk) (mg/L)	Green (Private, Low Risk) (mg/L)	Red (All High Risk Plants) (mg/L)
TN	10	5.8	6.0	20.9
BOD <sub>5</sub>	30	27.1	8.3	22.3
SS	30	9.2	16.0	19.6

**Facility Status for 2013**

In order to ensure adequate operation of all the sewage treatment plants located within the County, Suffolk County Department of Health Services, in accordance with the Environmental Protection Agency and the State Department of Environmental Conservation (NYSDEC) has adopted the State Pollutant Discharge Elimination System (“SPDES”) Permit Program. This program has been operating for the past 30+ years and has proven to be effective in monitoring and overseeing all sewage treatment plants. Under this program, every sewage treatment plant must obtain a “SPDES” Permit prior to commencing operation in Suffolk County. In accordance with the terms and conditions of the Permit, facilities are to be under the responsible supervision of a certified New York State operator and meet certain effluent discharge standards. These facilities are subject to inspections and samplings performed through the Suffolk County Department of Health Services and other agencies.

In addition to the SPDES program, Suffolk County promulgated Article 7 which regulates sewage and industrial waste treatment plants. This health code regulates facility operation and maintenance and is an effective enforcement tool in keeping the wastewater facilities well managed and compliant.

All operators of sewage treatment plants in New York State are required by the facility SPDES permit to sample and monitor the influent, effluent, process tank mixture and test wells and record the results in a Discharge Monitoring Report (DMR). The DMR along with explanations of any permit excursions is required to be submitted to the SCDHS and NYSDEC monthly for review. Any DMR excursions are evaluated by the NYSDEC and SCDHS for possible legal action.

When inspections of the plants indicate violations, especially on a follow up basis, legal action is taken against the owner of the facility. Legal action is enforced through fines and consent orders. Fine involves monetary penalty up to \$2,000/day. Consent Orders are issued for plants requiring substantial repairs/upgrades that involve considerable construction time and fund. A Consent Order limits completion of construction of required repairs/upgrades within a fixed time frame. There have been a total of 55 legal actions and 11 consent orders issued against sewage treatment plants in 2013.

Currently, 26 treatment plants that are designed to remove nitrogen are in the process of undergoing upgrades and repairs with the goal to bring these facilities into compliance. 11 of the 26 existing secondary plants are in the process of adding a nitrogen removal system to their process. In 2013, two secondary plants were replaced by pump stations. The untreated flow from these pump stations is now pumped to municipal plants for removal of nitrogen from the waste stream. Since many plants in Suffolk County have been operating in the range of 25 to 40 years, a few plants are always under repair or in need of replacement. It must be noted that the life expectancy of a plant is approximately 30 years and it may take up to 2 years to replace an aging plant.

In 2013 the following modifications were made to the "High Risk" and "Low Risk" charts of 2012:

- 14 facilities from "High Risk" Tertiary chart of 2012 were transferred to "Low Risk" Tertiary chart.
- 1 "High Risk" Secondary plant was listed under "Low Risk" Tertiary chart after completing construction of a new replacement plant.
- 3 Tertiary plants from "Low Risk" chart of 2012 were transferred to "High Risk" Tertiary chart as certain repairs/upgrading were required by the Department.
- 3 newly constructed plants were listed under "High Risk" Tertiary chart for not being in steady state.
- 2 secondary facilities and 1 municipal tertiary facility were closed during 2013.

Some tertiary plants will complete their renovations during 2014. Most of the secondary facilities will be completing their upgrades before the middle of 2014.

## **Conclusion**

During 2013 the office of Wastewater Management executed 495 inspections and sampled the effluent leaving the 197 STPs in the County during each of these inspections. Along with the corresponding data from these sampling events, data that was reported on New York State Department of Environmental Conservation (NYSDEC) Discharge Monitoring Reports (DMR) were analyzed. The average Total Nitrogen of all the 128 tertiary facilities that were in steady state and were not covered under an Order on Consent was 5.9 mg/L. The average Total nitrogen for all the 157 tertiary plants including the "high risk" plants was 8.7 mg/L. Based on the evaluation of the data it can be said that the technologies currently utilized in Suffolk County have the potentiality of effectively treating wastewater and thereby, protecting the County's aquifer.

It is important to note that regulations limiting nitrogen loading from sewage treatment plants are more restrictive than those permitted for residential housing units per acre of development. Sewage treatment plants that service communities in Suffolk County typically contribute less nitrogen loading per unit to groundwater than does a typical residential housing unit per acre. Even when a STP discharges a total of 20 mg/l, it discharges less nitrogen loading per unit than residential homes built on ½ acre lots. In 2013, 92% of the tertiary plants discharged effluent nitrogen less than this amount. This includes those facilities considered as "High Risk" by the Department. Therefore, treatment plants are more effective in protecting the drinking water of Suffolk County than on-site conventional sub-surface sewage disposal systems for single family homes.

The plants that are required to perform secondary treatment are performing equally well. Sampling has shown that the overall effluent concentrations for BOD<sub>5</sub> averaged 20.6 mg/L and suspended solids averaged 15.9 mg/L for all the tertiary and the secondary plants. The discharge limit for suspended solids

and for BOD<sub>5</sub> is 30 mg/L. In addition, all the 16 treatment plants that discharge to surface waters met the required fecal coliform effluent guideline of <800 MPN/100 ml with only a few excursions.

The plants utilizing newer technologies such as SBR, oxidation ditch, modular aeration and BESST have improved efficiency in removing nitrogen compared to the older denitrification plants. As the older denitrification plants are upgraded, it is expected that the overall effluent results will show noticeable improvement of the current numbers.

The new risk based inspection program has proven to be successful in 2013. A total of 495 inspections were performed in 2013. Moving forward in 2014, the annual program will result in approximately 500 inspections per year being performed. In addition, based upon the following evaluation criteria of number of inspections, total number of high risk facilities, and total nitrogen performance, the new program has been a success and is expected to be equally effective in 2014.

**TABLE 8**

	2011	2012	2013	2014
Inspections Required	768 (4 inspections/yr)	633 (new program as of July 2012)	510 (fully implemented program)	500 (fully implemented program)
Inspection Performed	768	633	495	To be Determined
Number of High Risk Facilities	N/A	60	51	To be Determined
Total Nitrogen	9.9 mg/L	8.6 mg/L	8.7 mg/l	To be Determined

From the data, it is apparent that when treatment plants are operated and maintained properly, they can generate effluent quality within drinking water standards. Overall, these results show that the surface waters and the groundwater of Suffolk County are receiving treatment plant discharges that are well processed and mostly meeting effluent limitations. The results also reveal that the averages of the last year's effluent samples remained stable from the previous year. The number of "High Risk" plants decreased during last year. This improvement is due to the Department's enhanced inspection and enforcement program predicated on plant operations, facility maintenance and plant structural conditions. It is anticipated that the Department's wastewater management program and policies will continue to keep the facilities operating at the desired level in the coming years.

# **APPENDIX**

## **DMR DATA & SCDHS COLLECTED SAMPLE DATA**

2013 SCDHS Inspection Data and Monthly DMR Data

Low Risk Plants  
BOD and SS Results

Sewage Plant Name	OOB	Sample	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	SC#1	SC#2	SC#3	SC#4	Avg.
Cedar Lodge	No	BOD	7.0	7.0	8.0	10.0	4.0	4.0	4.0	4.0	4.0	9.0	21.0	7.0	67.0		1.0		11.2
		SS	15.0	21.0	24.0	26.0	7.0	8.0	20.0	14.0	12.0	25.0	26.0	10.0	20.0		10.0		17.0
Fairhaven Nesconest	No	BOD	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	9.0		25.0		4.2
		SS	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0		25.0	
Rocky Point Apts.	No	BOD	4.0	15.0	10.0	32.0	6.0	14.0	8.0	3.0	4.0	8.0	14.0	4.0	1.0		1.0		8.9
		SS	10.0	16.0	10.0	34.0	10.0	16.0	10.0	12.0	16.0	10.0	14.0	40.0	15.0		19.0		16.6
Shelter Island Heights	No	CBOD	4.5	3.5	2.0	2.5	4.0	8.5	15.5	9.5	5.5	2.0	2.0	3.0	18.0		18.0		7.0
		SS	4.0	5.5	4.0	4.0	6.5	16.0	25.5	15.5	5.5	4.0	4.0	6.0	1.0		17.0		8.5
Sloan Kettering	No	BOD	1.0	31.0	8.0	1.0	53.0	1.0	1.0	1.0	3.0	39.0	10.0	10.0	17.0		10.0		13.3
		SS	70.0	70.0	4.0	4.0	38.0	26.4	2.0	5.0	4.0	68.0	13.0	13.0	1.0		5.0		23.1
Somerset Woods	No	BOD	50.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0					5.1
		SS	200.0	2.8	4.0	4.4	4.0	4.0	2.4	4.0	2.0	4.0	1.5	4.4					19.8
																Average BOD			8.3
																Average SS			16.0

Total Facilities	6
Facilities Considered in Average	6
Facilities Omitted From Average	0

2013 SCDHS Inspection Data and Monthly DMR Data  
Municipal/Industrial/DPW Plants  
BOD and SS

Sewage Plant Name	OOO	Sample	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	SC#1	SC#2	SC#3	SC#4	Avg.
Bergin Point	No	CBOD	6.0	7.0	8.0	7.0	7.0	7.0	5.0	5.0	6.0	4.0	5.0	6.0	1.0		1.0		5.4
		TSS	12.0	14.0	14.0	11.0	14.0	18.0	10.0	12.0	12.0	8.0	10.0	13.0	10.0		10.0		12.0
Brookhaven Town	No	BOD	Tertiary STP converted to a secondary facility. No Data.												200.0		25.0		112.5
		SS	Tertiary STP converted to a secondary facility. No Data.												16.0		10.0		13.0
Calverton Ent. Park	No	BOD	53.5	11.8	15.0	13.7	17.0	36.5	10.2	26.5	13.7	16.0	4.2	33.5	140.0		1.0		28.0
		SS	10.2	23.3	10.7	12.7	10.0	13.5	5.3	10.5	5.0	13.1	40.7	22.3	10.0		10.0		14.1
Ocean Beach	No	BOD	2.0	2.0	1.0	8.0	2.0	6.0	8.0	7.0	2.0	2.0	1.0	1.0	10.0		10.0		4.4
		SS	2.0	1.0	1.0	2.0	2.0	3.0	6.0	5.0	2.0	4.0	4.0	4.0	1.0		1.0		2.7
Plum Island	No	BOD	4.0	4.2	4.0	4.0	4.0	4.0	4.8	4.0	4.0	4.0	4.0	4.0	6.7		1.0		4.1
		SS	6.2	6.0	6.3	9.5	13.2	6.1	5.8	5.1	5.0	5.0	6.8	6.3	1.0		1.0		6.0
Riverhead Town	No	CBOD	6.6	10.3	4.8	9.8	5.0	6.8	4.8	4.3	4.0	5.8	5.8	6.5	20.0		23.0		8.4
		TSS	9.8	15.0	7.0	12.8	9.4	13.0	6.6	5.8	4.0	5.0	6.8	10.3	1.0		1.0		7.3
															Average BOD			27.1	
															Average SS			9.2	

Total Facilities	6
Facilities Considered in Average	6
Facilities Omitted From Average	0

2013 SCDHS Inspection Data and Monthly DMR Data

High Risk Plants

BOD and SS

Sewage Plant Name	OOC	Sample	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	SC#1	SC#2	SC#3	SC#4	Avg.	Risk Cat.	
Calverton Hills	Yes	BOD	36.0	1.0	24.5	14.0	19.0	15.0	75.0	1.0	110.0	1.0	1.0	4.0	5.0	10.0	12.0	1.0	21.9	A	
		SS	2.0	19.5	16.0	34.5	38.0	17.0	6.6	10.0	100.0	5.0	10.0	5.0	1.0	10.0	1.0	1.0	18.4		
Crescent Club	Yes	BOD	18.0	1.0	1.0	1.0	1.0	1.0	57.0	88.0	1.0	1.0	1.0	1.0	89.0	2.0	10.0	25.0	18.2	A	
		SS	23.0	14.4	11.6	15.2	15.3	7.6	8.8	20.0	4.0	4.0	4.8	4.0	1.0	1.0	20.0	1.0	10.3		
Fairfield Commack	Yes	BOD	6.1	8.9	19.2	15.2	27.0	10.2	7.1	5.5	7.1	12.0	25.2	25.2	14.0	1.0	1.0	28.0	12.3	A	
		SS	8.0	5.2	9.2	10.4	7.2	10.0	5.0	34.3	5.0	5.0	12.0	12.0	1.0	36.0	1.0	15.0	10.8		
Fairfield on the Bay	Yes	BOD	0.5	0.6	STP Closed March 2013. All flow now pumped to the Patchogue Village STP. Data not in average																A
		SS	27.6	12.8																	
Heatherwood House	Yes	BOD	4.0	6.3	24.2	52.0	36.7	7.1	4.0	4.9	10.5	4.0	7.2	26.6	5.0	5.0	77.0	92.0	22.9	A	
		SS	9.6	10.8	30.0	45.0	13.2	6.0	5.0	5.0	6.6	7.6	7.2	82.0	11.0	18.0	0.0	138.0	24.7		
Lexington Village	Yes	BOD	STP is a secondary facility that monitors for Total Nitrogen. No Data.																	A	
		SS																			
Melville Mall	Yes	BOD	21.0	18.0	320.0	1.0	17.0	79.0	1.0	64.0	1.0	13.0	1.0	1.0	14.0	1.0	1.0	1.0	34.6	D	
		SS	7.0	11.6	57.0	7.0	33.0	134.0	5.2	26.0	10.0	41.0	4.0	4.0	N/D	36.0	15.0	14.0	27.0		
Middle Island Co-op	Yes	BOD	1.0	13.0	1.0	1.0	1.0	1.0	1.0	1.0	17.0	1.0	1.0	1.0	78.0	1.0	1.0	28.0	7.0	A	
		SS	4.0	5.5	4.0	4.0	4.0	4.0	4.0	1.0	10.0	4.0	20.0	4.0	4.0	34.0	1.0	1.0	1.0		7.0
Ross Nursing Home	Yes	BOD	New facility under construction. All sewage flow temporarily going to leaching pools. No Data.																	A	
		SS																			
Sunrise Garden Apts.	Yes	BOD	18.6	26.0	45.5	57.0	31.8	4.0	23.0	4.0	19.2	6.7	21.7	47.8	50.0	20.0	73.0	1.0	29.9	A	
		SS	26.4	71.0	38.0	17.5	30.0	5.5	9.0	5.0	5.0	5.0	8.0	23.0	25.0	20.0	10.0	13.0	19.9		
Tall Oaks	Yes	BOD	75.0	11.0	19.3	20.4	21.6	13.2	35.0	39.9	17.0	9.0	21.0	34.8	37.0	20.0	26.0	28.0	26.7	A	
		SS	37.0	33.0	74.0	10.4	19.5	74.0	5.0	40.6	41.0	5.0	71.0	41.0	56.0	24.0	44.0	76.0	38.4		
Townhouse North	Yes	BOD	4.0	6.0	11.2	18.4	9.9	9.4	75.0	28.0	Facility Closed. Pumps to SD #13 Windwatch				1.0	33.0	23.0		19.9	A	
		SS	9.6	10.0	10.0	15.2	7.6	6.6	10.0	17.0					1.0	27.0	1.0		10.5		
Townhouse South	Yes	BOD	63.0	36.0	20.4	51.0	69.0	16.9	7.0	67.0	67.0	38.0	60.0	43.7	18.0	89.0	84.0	100.0	48.7	A	
		SS	162.0	35.0	49.0	34.5	29.0	60.0	25.0	76.0	29.0	31.0	32.0	56.0	23.0	58.0	48.0	68.0	49.8		
Woodhaven Manor	Yes	BOD	7.2	4.0	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	7.9	1.0	1.0	1.0	1.0	3.9	A	
		SS	4.0	3.6	4.0	2.0	4.0	5.0	5.0	5.0	5.0	5.0	8.0	5.6	1.0	1.0	10.0	1.0	4.5		
																			Average BOD	22.3	
																			Average SS	19.6	

Total Facilities	14
Facilities Considered in Average	11
Facilities Omitted From Average	3

Sewage Treatment Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	SC#1	SC#2	SC#3	SC#4	Average
Artist Lake	9.8	5.0	9.9	3.5	7.7	1.0	5.0	5.0	4.0	4.0	4.0	4.0	8.8		1.1		5.2
Avery	14.4	10.8	7.5	9.3	9.2	5.0	5.0	3.5	5.4	4.6	4.2	5.4	8.1		8.2		7.2
Birchwood Glen	13.4	6.3	5.5	4.2	18.9	4.3	4.5	2.1	5.8	2.9	6.7	9.2	6.0		25.9		8.3
Birchwood on the Green	2.8	3.1	3.0	2.6	2.2	2.4	2.0	7.6	1.0	0.5	1.3	3.6	4.0		1.7		2.7
Birchwood Nursing Home (APEX)	9.5	4.8	5.0	4.1	4.6	10.0	13.0	9.9	6.2	10.0	2.5	2.5	3.9		5.7		6.6
Birchwood Spring Lake	8.3	5.9	6.1	2.8	3.4	1.6	8.3	7.1	10.2	3.9	6.3	7.3	25.3		29.2	4.6	8.7
Blue Ridge	4.2	6.6	5.5	1.7	1.7	2.8	2.9	4.4	4.5	3.6	7.2	6.5	4.1		6.7		4.5
Bretton Woods	4.8	7.1	4.8	4.6	3.6	2.2	7.6	5.1	6.2	4.0	4.3	9.9	4.9		8.5		5.5
Encore Atlantic Shores Bristol Estate	5.3	4.4	3.9	3.3	6.1	3.9	11.1	3.4	3.5	2.5	4.8	3.3	1.1		12.0		4.9
Broadway West	5.5	5.2	3.9	2.3	4.9	4.0	5.0	4.0	4.0	3.0	3.0	6.8	1.1		9.8		4.5
Brookhaven Hospital	6.9	7.4	2.8	4.9	2.4	8.4	2.8	4.2	4.4	2.4	3.8	10.8	1.7		2.7		4.7
Cenacle Manor	4.2	10.6	3.7	4.1	3.8	3.3	4.2	3.3	4.4	2.6	3.5	3.4	4.6		1.3		4.1
Chelmsford Weald Condo	5.5	1.4	2.9	8.9	4.3	3.1	6.4	6.1	4.0	2.6	4.1	5.4	12.7		4.5		5.1
Country View @ Smithtown	2.0	4.7	4.9	2.1	5.6	3.0	5.0	4.0	4.0	4.0	4.0	3.0	7.5		3.7		4.1
Dowling	1.2	2.8	1.2	2.8	4.2	2.1	1.5	1.2	2.4	4.3	2.0	5.3	1.5		1.4		2.4
Eagles walk	4.0	3.7	2.3	4.4	3.2	6.0	2.0	3.0	4.0	4.0	8.0	4.0	18.2		2.5		5.0
Emerald Greens	8.6	2.5	3.5	2.3	4.2	2.8	1.8	7.3	2.8	2.8	4.6	1.5	1.8		11.2		4.1
Exit 63	8.1	6.9	7.1	6.8	7.6	3.3	7.1	9.1	9.1	7.9	5.2	9.4	3.6		6.3		7.0
Fairfield at Mastic	30.3	7.1	8.0	7.4	4.5	9.1	20.0	12.5	4.0	1.8	8.7	7.6	4.8		9.7		9.7
Fairfield at Ronkonkoma	12.5	19.3	4.2	4.8	4.1	5.9	14.5	3.3	5.4	5.1	8.5	2.0	10.2		10.9		7.9
Fairfield at Selden	10.7	7.9	6.4	4.5	4.9	6.6	4.9	3.6	8.6	5.6	3.6	6.3	N/D		7.4		6.2
Greens at Half Hollow	4.5	2.2	2.0	2.1	4.0	3.0	2.0	2.6	3.1	5.2	3.2	3.0	4.0		3.8		3.2
Greenview Commons	1.5	3.8	3.8	10.5	10.4	8.1	11.4	6.6	4.9	1.8	5.5	13.1	9.5		53.6		10.3
Greenwood @ Oakdale	3.9	4.4	8.5	17.2	8.7	4.2	8.4	6.0	2.5	3.1	4.4	3.2	19.7		5.1		7.1
Greenwood Village	16.5	11.0	5.9	17.7	20.2	6.0	7.5	2.7	2.3	5.4	2.8	6.9	19.3		2.2	6.9	8.9
Gurwin Assisted Living	2.5	1.8	0.9	2.1	2.9	2.6	1.5	5.5	1.6	3.6	2.7	2.3	5.5		4.2		2.8
Hampton Rehab Center	3.6	1.0	2.5	1.4	2.7	3.6	1.8	4.8	8.8	3.7	3.3	3.6	2.3		3.6		3.3
Hawthorne (Concord) Village	2.7	3.0	2.6	2.4	2.0	2.9	3.2	4.0	3.2	2.1	3.5	2.9	2.8		4.4		3.0
Heatherwood @ Holbrook	4.6	7.4	7.4	23.3	6.4	8.2	7.8	10.0	6.6	13.0	22.2	7.9	4.6		7.5		9.8
Heatherwood @Lakeland	7.3	4.1	5.4	1.8	7.3	3.5	2.9	10.6	8.5	11.0	16.1	10.8	6.1		14.7		7.9
Heritage Gardens	New STP N/D			1.8	12.2	9.9	19.0	23.0	6.3	6.7	9.2	10.8	8.7		8.8		10.6
Hilton Garden Inn	7.0	6.3	6.4	3.2	6.2	7.7	5.1	8.0	4.9	9.4	3.3	8.8	7.0		6.0		6.4
Holiday Inn Express	2.8	1.6	5.3	2.1	3.5	7.4	2.2	3.3	2.5	3.6	9.7	6.8	1.2		2.7		3.9
Holiday Inn	5.4	8.0	6.9	2.1	1.7	2.4	3.0	1.3	1.2	1.2	3.6	3.2	1.8		1.0		3.1
Chatham Holtsville (Holt Hotel)	1.3	5.8	5.8	2.9	3.1	2.8	2.1	3.9	4.3	6.2	5.1	3.7	13.8		2.2		4.5
Inn @ East Winds	5.0	4.0	3.0	3.0	2.0	2.0	2.0	3.0	2.0	3.0	3.0	4.0	12.6		0.1	2.1	3.4
Island View	6.9	21.1	9.0	4.1	8.1	6.3	5.8	3.6	6.7	5.7	7.9	27.6	7.3		5.0		8.9



Sewage Treatment Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	SC#1	SC#2	SC#3	SC#4	Average
Islandia Center	6.9	4.3	2.4	1.1	7.2	5.0	3.0	1.9	1.4	1.2	4.0	11.8	1.2		5.7		4.1
La Quinta	4.8	1.7	23.9	4.2	3.8	2.3	1.5	4.7	12.4	1.9	7.6	N/D	3.0		1.7		5.7
Lake Grove Apartments	6.2	7.2	4.4	9.2	7.5	1.9	7.8	4.7	2.2	4.7	4.1	5.6	7.9		4.0		5.5
Lakes @ Setauket	3.1	6.3	3.0	27.1	2.3	2.1	4.7	4.5	3.5	7.4	6.7	1.0	29.3		4.9		7.6
Lakeview Woods Bayport	6.1	17.3	8.0	5.6	6.0	6.1	5.0	7.2	4.3	5.3	3.7	3.8	6.4	2.8	1.2		5.9
Larkfield Gardens Atria	4.6	10.7	3.4	2.3	4.7	4.5	5.9	2.7	2.1	1.5	4.4	3.1	11.1		8.4		5.0
DSW Plaza (Loehmans Plaza)	3.4	2.7	1.6	2.3	2.9	15.0	4.0	5.5	4.3	7.0	7.1	4.4	2.1		10.5		5.2
Marriott Courtyard (Browning Hotel)	7.4	1.2	1.5	1.4	3.4	7.7	4.1	12.9	2.9	6.0	2.5	5.0	3.9		3.8		4.6
Medford Hamlet Assisted Living	3.7	2.6	3.2	6.1	19.9	6.9	5.7	5.3	4.6	4.8	4.3	5.0	2.5		5.5		5.7
Medford Multicare Center for Living	3.9	3.7	5.8	5.3	5.7	4.8	3.4	6.2	4.3	6.4	5.5	6.7	5.1		5.2		5.1
Medford Ponds	11.9	10.6	9.2	3.4	15.0	8.3	17.7	21.4	13.1	5.8	1.6	12.3	14.0		2.0		10.5
Mirror Ponds	10.5	3.1	1.7	4.4	3.2	3.7	9.3	7.3	5.7	9.4	6.1	5.0	3.3		7.2		5.7
Oak Hollow	4.6	5.2	5.4	7.3	3.8	2.5	4.6	4.7	4.5	8.1	0.9	5.6	14.0	2.8	2.3		5.1
Oakwood Care Center Affinity	8.5	4.5	5.9	3.1	3.2	3.3	3.6	3.0	7.6	10.9	10.0	9.6	3.2		7.3		6.0
Patch Senior Conifer	3.8	2.9	4.3	6.0	3.2	4.2	4.5	3.4	2.8	2.7	5.2	7.9	16.3		14.7		5.9
Paumanok	8.1	7.4	2.6	8.8	15.0	4.2	3.6	5.7	10.5	2.8	1.8	5.3	1.2	16.6	1.7		6.4
Petite Fleur	11.5	7.4	9.3	7.3	10.1	4.4	1.1	1.4	1.0	11.7	2.4	11.5	25.4		1.4		7.6
Pine Hills	5.5	1.9	5.2	6.4	2.2	2.1	9.3	7.4	15.0	14.0	2.8	7.2	4.9	1.3	8.8	12.5	6.7
Preserves	28.6	19.8	24.6	8.0	3.0	10.2	5.0	3.0	5.0	3.0	4.0	3.0	20.2	3.2	4.8	1.6	9.2
Quail Run	12.8	8.9	7.0	10.8	8.8	8.2	9.1	3.4	3.3	9.6	13.2	8.3	28.3		11.8	1.8	9.7
Radisson Hotel (Best Western)	18.8	7.8	6.8	13.3	2.4	1.5	2.1	3.4	4.7	3.7	3.3	3.4	14.0	7.9	7.9	3.4	6.7
Residence Inn	9.4	9.7	6.4	16.0	6.9	5.0	17.2	6.6	5.8	2.3	2.2	11.1	13.6		1.7		8.1
Sagamore Hills	5.7	5.8	4.1	5.2	3.9	5.1	28.7	5.1	5.0	6.2	6.3	10.4	8.8		4.1		7.5
Sayville Commons	7.2	5.1	6.2	4.8	3.3	3.0	4.4	2.8	3.0	3.3	4.2	7.0	4.6		3.1		4.4
Setauket Meadows	6.1	10.6	11.2	4.2	7.5	3.5	1.4	3.1	5.4	1.3	1.6	1.0	14.2		2.8		5.3
Smithaven Mall	9.5	11.6	5.3	8.8	6.5	3.9	4.4	2.8	5.3	9.5	9.0	8.6	12.0		21.4		8.5
Smithtown Galleria	2.9	3.8	3.1	5.1	2.9	3.2	5.1	3.4	9.0	5.8	5.0	3.4	9.1		2.4		4.6
Southampton Commons	3.3	0.6	0.1	5.9	4.8	6.7	4.3	3.5	0.8	3.8	5.0	4.5	0.3		1.2		3.2
Southampton Hospital	4.1	3.8	6.2	4.5	3.9	2.5	2.3	4.3	2.5	2.3	2.8	3.1	8.1		1.3		3.7
Southern Meadows	3.2	5.9	4.9	6.8	3.7	6.0	6.5	2.8	3.8	5.6	5.7	7.3	4.6		1.3		4.9
Spruce Ponds	9.7	3.1	4.6	2.6	7.9	2.7	6.1	4.6	3.9	3.5	1.2	2.7	4.4		3.8		4.3
St James NH	14.2	10.8	3.0	21.0	8.7	4.7	6.5	12.2	6.8	2.6	1.7	9.2	17.5		5.3		8.9
Stone Ridge at Dix Hills	5.0	5.1	7.1	3.8	5.1	5.5	12.8	4.5	6.4	10.2	7.7	5.5	7.8		4.9		6.5
Stonehurst	5.3	3.0	5.2	5.0	5.0	9.3	8.2	4.9	9.9	5.3	3.2	11.6	2.5		2.8		5.8
Stonington	6.3	5.1	4.2	3.7	3.5	3.9	2.9	3.5	3.2	6.3	19.2	7.8	6.3		9.2		6.1
Stony Hollow	2.5	2.0	3.2	1.7	1.7	29.0	3.3	4.1	7.3	4.2	2.6	7.6	2.5	2.8	3.3		5.2
Stratford Green	3.3	3.2	2.1	3.5	3.1	2.6	2.5	3.0	4.5	1.5	4.5	3.9	2.6		3.8		3.2

Sewage Treatment Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	SC#1	SC#2	SC#3	SC#4	Average
Stratmore on the Green	13.0	6.3	6.8	6.3	7.6	2.5	2.5	1.8	2.7	10.7	1.1	6.5	7.4		4.4		5.7
Sunrise Assited Living Smithtown	5.5	7.7	5.5	2.5	5.7	5.0	4.0	4.0	6.0	4.0	4.0	6.0	5.7		2.0		4.8
Sunrise Dix Hills	3.5	3.2	3.6	2.6	1.4	4.0	5.0	5.0	2.0	4.0	5.0	9.0	3.1		2.3		3.8
Sunrise E. Setauket	3.3	4.5	5.6	1.9	1.9	6.0	6.0	5.0	3.0	4.0	4.0	2.0	6.7		1.1		3.9
Sunrise Holbrook	4.1	4.0	4.7	6.8	1.0	5.0	10.0	2.0	2.0	3.0	4.0	4.0	3.9		4.2		4.2
Sunrise Village	18.4	4.1	4.2	4.2	9.8	4.3	4.1	6.4	5.6	9.2	12.5	9.0	5.3		5.9		7.4
Valley Forge	3.2	4.9	4.9	21.1	2.7	2.3	10.8	4.2	3.8	4.2	4.4	2.5	11.8		3.3		6.0
Vinyards at East Morriches	4.4	16.8	13.0	9.7	5.2	6.8	5.1	4.2	3.6	7.1	7.7	3.5	4.9	8.4	6.4	5.1	7.0
Villages at Lake Grove	9.8	3.3	2.9	3.7	3.5	4.3	3.8	5.8	7.1	6.2	5.9	7.5	5.2		6.5		5.4
Villas @ Medford (Fairfield)	11.0	8.9	3.9	4.4	5.1	4.2	5.8	6.0	2.8	9.0	8.9	5.2	11.0		9.0		6.8
Walden Ponds	9.5	5.4	6.7	4.0	42.0	4.0	4.6	8.4	5.7	8.9	3.6	6.9	4.8		9.8		8.9
Waterways	13.4	8.5	7.8	8.2	12.3	3.4	2.3	3.6	4.4	5.9	8.6	10.2	9.0		12.1		7.8
Waverly Park	4.3	2.8	3.5	19.2	4.4	4.3	6.8	6.0	5.3	5.3	15.5	5.6	2.6		3.8		7.2
West Hampton Nursing Home	4.9	2.7	53.5	26.4	4.7	2.7	6.1	5.2	4.3	5.5	6.4	5.9	25.1		2.5		11.1
Westhampton Pines	4.1	12.3	14.8	8.7	3.3	5.2	3.3	4.2	9.5	6.9	5.0	7.0	8.9		2.7		7.1
Whispering Pines	9.1	8.8	8.7	1.4	9.7	5.0	5.1	4.0	5.5	6.0	6.6	6.3	14.6		4.4	3.1	6.6
Willow Ponds	2.4	4.2	10.1	2.1	4.1	3.7	4.5	4.9	10.9	2.4	5.9	7.9	3.0		2.3		4.9
Windbrooke	13.0	8.7	5.7	3.2	11.4	8.1	5.5	7.7	7.6	10.0	9.0	10.1	6.7		1.4		7.7
Woodbridge	3.9	5.7	13.3	3.8	6.2	7.4	8.8	6.9	12.5	3.1	6.4	10.6	4.7		4.1		7.0
Woodcrest	6.0	5.9	3.5	10.1	6.3	6.1	4.7	5.3	5.6	5.6	3.8	9.7	7.9		4.1	8.1	6.2
Woodhull	3.8	5.2	5.5	4.2	2.9	5.4	6.0	3.6	5.7	4.6	3.8	4.2	4.5		4.5		4.6
Montauk Manor	SEASONAL															N/D	
Rough Riders Landing	SEASONAL															N/D	
Yardarm	SEASONAL															N/D	

<b>AVERAGE:</b>	<b>6.0</b>
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Total Facilities 98  
Facilities in Average 95  
Facilities Omitted From Average 3 Seasonal Permits

Sewage Treatment Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	SCQ1	SCQ2	SCQ3	SCQ4	Average			
BNL	8.0	5.0	9.0	6.0	9.0	4.0	6.0	5.0	8.0	5.0	4.0	12.0	9.2		5.0		6.8			
Greenport Village	4.9	4.3	3.4	6.2	4.2	2.7	4.3	3.0	3.1	4.2	3.4	5.6	3.4		3.1		4.0			
Huntington Village	5.8	5.5	5.4	4.4	2.7	3.6	2.4	2.9	2.1	3.8	3.6	3.3	2.9		2.1		3.6			
IRS	10.0	12.0	9.3	6.9	2.9	2.1	2.8	2.4	3.4	13.3	2.9	7.2	18.4		3.9		7.0			
Newsday	6.4	3.1	2.5	2.5	5.8	4.1	6.2	1.6	9.5	8.2	2.7	5.0	2.4		2.7		4.5			
Northport VA	5.4	9.9	0.6	2.4	6.1	7.9	0.7	5.6	5.9	6.1	5.0	6.4	8.8		14.7		6.1			
Northport Village	10.7	13.9	10.2	6.5	5.1	N/D	5.9	0.1	4.2	8.8	9.8	7.5	11.1		6.1		7.7			
Patchogue Village	7.5	12.4	2.8	3.6	3.9	5.2	3.6	2.6	2.4	2.9	3.6	3.2	2.6		2.2		4.2			
Sag Harbor	4.8	3.9	8.1	8.8	9.8	12.3	11.3	9.0	3.4	2.1	6.3	4.4	7.5		2.4		6.7			
SCC Riverhead	3.4	6.7	5.6	6.2	6.5	5.4	3.6	2.1	3.6	3.1	11.2	2.8	3.7		1.7		4.7			
SCC Selden	2.2	6.0	3.1	3.3	3.4	2.5	3.8	5.7	1.9	2.8	1.9	7.8	3.7		3.3		3.7			
SD # 1 Port Jefferson	4.0	3.0	4.0	4.0	3.0	3.0	4.0	3.9	6.0	4.0	4.0	4.0	5.1		9.2		4.4			
SD # 12 Birchwood	3.2	4.8	4.5	5.6	3.9	3.9	9.3	3.6	5.9	1.8	5.5	4.6	3.4		2.7		4.5			
SD # 13 Wind Watch	5.6	5.0	9.3	8.6	4.2	4.2	4.6	3.4	4.0	3.5	4.4	5.0	4.3		7.3		5.2			
SD # 14 Parkland	3.9	6.4	3.2	5.0	4.7	4.7	2.4	2.7	2.2	1.5	2.1	2.7	2.6		1.3		3.2			
SD # 15 Nob Hill	6.7	4.4	3.6	3.6	5.6	5.6	7.6	4.4	8.4	5.0	6.5	5.8	5.3		5.4		5.6			
SD # 18N Heartland	14.7	12.6	13.7	6.5	5.0	5.0	4.7	7.3	4.1	4.0	5.3	5.9	11.0		5.7		7.5			
SD # 18S Hauppauge Industrial Park	46.8	30.9	60.6	70.6	6.8	6.8	6.5	6.6	5.7	6.7	6.8	4.2	27.6		4.1		20.8			
SD # 2 Tallmadge	4.4	1.9	2.5	2.9	2.4	2.4	2.6	10.0	8.5	2.1	4.3	3.4	8.2		1.4		4.1			
SD # 20W Leisure Village	11.9	4.4	4.0	5.3	6.8	6.8	12.7	8.5	10.8	4.9	5.6	4.6	3.6		6.9		6.9			
SD # 21 SUNY Stony Brook	3.4	8.5	5.9	2.4	3.8	3.8	5.4	3.8	3.4	5.3	9.1	4.0	4.9		5.7		5.0			
SD # 22 Hauppauge County Center	11.5	17.1	15.6	5.7	3.3	3.3	2.6	3.6	3.1	7.1	7.1	6.6	4.6		6.4		7.0			
SD # 23 Coventry Manor	6.9	4.6	4.4	5.1	7.4	7.4	11.8	5.4	5.1	4.9	7.4	8.9	4.9		5.1		6.4			
SD # 28 Fairfield@St James	5.3	5.9	12.5	8.2	6.7	6.7	7.0	7.3	4.5	6.7	9.0	7.7	17.8		5.4		7.9			
SD # 5 Strathmore Huntington	6.7	4.6	3.4	3.7	3.2	3.2	4.1	3.9	2.8	3.0	2.1	9.0	2.9		3.2		4.0			
SD # 6 Kings Park	9.1	8.8	13.3	1.1	3.0	3.0	2.8	3.8	4.9	4.3	7.1	6.2	2.2		2.9		5.2			
SD # 7 Twelve Pines	3.8	3.7	2.9	3.6	2.6	2.6	4.6	4.5	6.1	6.2	5.5	3.1	6.9		1.7		4.1			
SD # 7 Woodside	13.4	12.2	4.2	10.0	2.2	2.2	2.0	7.9	1.7	5.5	3.3	4.4	5.1		1.5		5.4			
SD # 9 College Park	2.7	2.1	3.3	2.9	2.2	2.2	2.6	2.9	2.1	2.2	2.3	3.3	1.0		1.0		2.3			
SD #11 Selden	2.3	2.9	2.5	2.1	2.4	2.4	3.0	2.4	2.7	3.0	3.5	3.7	3.9		1.3		2.7			
SD 20E Ridgehaven	9.3	6.8	8.7	6.8	11.1	11.1	5.8	5.0	6.5	7.4	3.2	3.6	5.0		7.1		7.0			
SD Gabreski Airport	3.4	3.8	2.6	12.8	2.7	2.7	8.4	4.7	7.6	7.3	2.3	2.1	7.3		1.7		5.0			
SD Yaphank County Center	9.2	7.5	6.5	10.3	5.9	5.9	5.4	7.3	5.8	8.8	7.2	5.8	6.5		5.2		7.0			
Brookhaven R&D	STP began operation in late 2012. Not In Steady State for 2013.																N/D			
Crescent Duck Farm	INDUSTRIAL FACILITY. Permit being reviewed by NYSDEC.																N/D			
Oak Tree Dairy	8.7	10.0	14.9	Facility Closed March 2013. Data Not Included in Average.																

**AVERAGE: 5.8**

Sewage Treatment Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	SCQ1	SCQ2	SCQ3	SCQ4	Average
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Total Facilities	36
Facilities in Average	33
Facilities Omitted From Average	3

Sewage Treatment Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	SCQ1	SCQ2	SCQ3	SCQ4	2013 Avg.	Risk Cat.
Bellhaven Nursing Home	12.2	16.8	20.5	14.5	12.1	7.2	5.7	3.8	16.0	6.5	9.1	12.2	17.1	13.9	10.5	6.5	11.5	A
Bristal East Northport	4.8	4.4	3.9	5.4	18.8	11.2	22.4	0.5	9.6	15.0	9.4	19.2	1.0	0.9	42.1	1.9	10.7	C
Broadway Knolls	39.4	13.1	13.1	6.9	14.1	13.9	4.4	2.9	4.1	3.6	8.5	8.2	38.4	12.6	2.7		12.4	C
Brookwood on the Lake	10.7	9.5	10.5	20.6	18.7	13.8	14.6	44.4	33.9	19.8	18.1	13.7	6.6	12.2	24.6	35.8	19.2	A
Cabrini Gardens	21.0	16.0	22.0	20.1	8.6	16.4	1.6	9.7	26.0	6.0	14.0	7.0	32.8	33.1	12.3	8.5	15.9	C
Country View	21.4	15.0	25.6	26.4	31.9	33.6	22.2	46.7	28.3	46.4	33.6	20.2	56.9	58.2	53.4	18.3	33.6	A
Courtyard at Southampton	4.4	5.2	4.4	2.9	62.2	15.6	23.7	67.0	16.9	5.0	9.1	12.3	13.4	35.6	10.3	58.5	21.7	C
Emanon	39.8	6.2	57.4	7.8	7.2	23.6	19.5	36.6	10.2	27.2	50.0	3.2	7.5	7.0	28.0	10.3	21.3	A
Fairfield Inn by Marriott	6.5	8.3	9.8	4.6	5.9	12.0	24.6	34.0	4.2	7.4	6.9	20.5	5.8	22.7	11.3	11.1	12.2	D
Fairway Manor	32.2	34.8	34.8	38.0	38.9	37.5	9.0	34.6	5.9	17.8	13.8	26.5	35.9	36.2	7.1	12.2	26.0	A
Fox Meadows	11.1	12.4	10.3	11.4	27.3	20.2	32.5	43.5	33.8	37.3	9.2	46.9	29.6	15.1	25.0		24.4	A
Greenview Court	9.7	17.0	12.9	9.3	12.9	19.1	22.0	19.2	9.2	10.4	6.4	5.2	7.9	13.8	23.8	18.5	13.6	D
Gurwin Geriatric	16.8	14.6	9.5	5.6	5.4	12.2	9.3	2.1	19.8	15.0	17.2	6.6	3.6	12.4	37.8		12.5	C
Hidden Ponds	8.5	23.0	21.1	13.3	19.0	24.4	9.0	12.9	17.7	2.4	25.9	1.0	26.0	15.1	1.8	32.1	15.8	A
Homestead Village	12.6	21.0	7.9	10.1	14.1	6.7	15.0	9.9	3.8	12.0	18.0	12.6	26.3	11.7	4.6	15.7	12.6	A
Lake Pointe	7.3	4.8	36.6	1.7	8.0	31.0	11.1	16.4	28.2	60.0	34.9	13.6	32.2	13.1	25.3	42.1	22.9	A
Mac Arthur Plaza	59.9	97.3	97.3	102.0	11.5	70.4	20.0	83.6	71.6	80.9	76.7	103.0	38.0	118.0	70.8	87.5	74.3	B
Nesconset NH	18.8	15.5	11.9	9.4	9.7	2.7	38.8	3.0	18.0	26.5	11.2	10.8	10.5	41.4	5.9	18.0	15.8	C
North Isle	38.3	30.5	24.2	33.5	35.8	34.5	37.4	38.8	24.4	43.2	40.5	38.7	19.9	30.8	14.7	41.4	32.3	A
Park Meadow (Country Pointe)	10.2	5.3	1.7	17.2	9.1	4.1	4.1	10.0	4.2	2.7	9.0	11.7	29.3	17.6	10.2	22.0	10.5	E
Pinewood Gardens	39.4	17.9	11.4	3.8	22.0	16.0	16.0	14.0	41.0	57.0	10.0	10.0	28.5	16.5	36.9	9.6	21.9	F
Saddle Brook	4.4	5.5	5.1	17.7	8.4	5.9	10.6	16.7	9.0	9.5	8.4	7.8	20.2	9.3	6.5	14.9	10.0	D
Saint Annes	14.2	17.7	26.2	9.6	27.9	7.8	8.4	17.8	25.0	19.0	11.0	6.0	38.0	24.6	31.1		19.0	A
Silver Ponds	25.5	2.6	9.4	7.3	22.4	10.0	20.0	2.6	5.3	0.4	9.9	2.9	8.3	20.7	3.5	25.8	11.0	A
Springhorn	18.1	19.9	19.9	39.8	17.2	37.6	34.5	32.5	6.3	32.2	32.1	42.0	18.3	37.1	39.7	35.6	28.9	A
Suffolk CTR for RehabPatch NH	16.4	32.6	30.1	18.2	19.4	33.4	17.8	30.9	88.3	33.9	21.9	18.1	15.6	17.2	27.4	24.0	27.8	A
Victorian Gardens	5.7	4.9	9.2	5.2	38.4	6.1	6.3	8.4	28.9	12.7	25.1	11.5	5.2	15.8	18.8	11.1	13.3	A
Victorian Homes	28.9	66.0	28.4	22.0	32.0	7.1	14.0	17.8	7.5	22.0	15.9	14.1	23.6	15.3	18.5	15.9	21.8	A
Village in the Woods	35.0	8.3	77.3	31.2	27.1	41.6	22.4	25.3	28.0	35.0	38.1	44.8	25.6	43.4	35.6	32.4	34.4	A
Country View @ Holtsville	NOT IN STEADY STATE No Data (N/D)																N/D	F
East Port Meadows	NOT IN STEADY STATE No Data (N/D)																N/D	F
LA Fitness	NOT IN STEADY STATE No Data (N/D)																N/D	F
Mill Pond Estates	NOT IN STEADY STATE No Data (N/D)																N/D	F
Oak creek commons	NOT IN STEADY STATE No Data (N/D)																N/D	F
Oak Ridge Hollow	NOT IN STEADY STATE No Data (N/D)																N/D	F
Orchard at Bulls Head Inn	NOT IN STEADY STATE No Data (N/D)																N/D	F
Timber Ridge West Hampton	NOT IN STEADY STATE No Data (N/D)																N/D	F

Sewage Treatment Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	SCQ1	SCQ2	SCQ3	SCQ4	2013 Avg.	Risk Cat.
<b>AVERAGE:</b>																	<b>20.9</b>	

Total Facilities 37  
 Facilities in Average 29  
 Facilities Omitted From Average 8 Facilities not in steady state

STP Name	Ref #	SPDES Permit	STP type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	SC Q1	SC Q2	SC Q3	SC Q4	2012TN Average
Artist Lake	00002	0079502	Ext aer denite filter	25.0	24.5	11.2	23.0	30.0	13.0	7.0	1.2	2.0	12.0		6.6	1.1	N/D	12.7	2.5	12.3
Avery	00003	0136930	SBR	6.8	6.1	6.6	4.6	5.2	5.1	3.1	5.1	4.8	5.7	9.1	7.5	3.9	3.5	3.3		5.4
Bellhaven Nursing Home	08103	0211826	SBR	6.5	16.8	8.4	8.6	13.5	14.6	12.6	11.4	11.7	11.6	11.7	11.4	17.5	26.1	17.3		13.3
Birchwood @ Spring Lake	06014	0196762	Ext aer denite filter	35.6	8.6	9.1	5.2	6.6	5.2	1.5	2.6	0.6	15.7	5.4	5.0	9.0	1.4	6.4		7.9
Birchwood Glen	00005	0065463	Ext aer denite filter	8.0	29.0	7.0	3.5	17.5	3.2	2.5	2.5	2.8	2.5	4.5		7.6	5.2		3.8	7.1
Birchwood Nursing Home	00006	0070297	SBR	2.5	2.5	5.5	6.7	8.6	15.1	10.4	10.3	12.9	8.7	11.0	4.1	2.7	10.8	8.6		8.0
Birchwood on the Green	00135	0077283	Ext aer denite filter	18.8	16.9	15.0	9.0	3.5	2.5		0.6	2.8	2.8	1.3	1.1	15.8	11.9	1.1		7.4
Blue Ridge	00007	0079448	SBR	2.7	2.5	3.7	4.7	2.1	3.1	3.3	5.0	3.6	3.2	2.6		1.0	3.1	2.8		3.1
BNL	00012	0005835	Modular aeration	6.0	7.0	9.0	4.0	4.0	7.0	7.0	7.0		11.0	8.0	9.0	2.1	N/D	8.5		6.9
Bretton Woods	00008	0065366	SBR	2.6	4.6	4.2	4.1	7.2	5.4	4.2	0.6	6.3	6.6	5.5	6.4	2.6	8.7	5.6		5.0
Bristol East Northport	19020	0278793	Cromaglass	13.3	17.5	15.4	25.6	14.4	19.7	13.6		8.7	10.3	7.5	13.1			7.1		13.9
Bristol Est.	17493	0253537	SBR	3.5	11.8	6.6	6.2	8.2	5.6	4.1	3.0	5.0	3.6	3.8	4.5	7.0	2.8	3.9		5.3
Broadway Knolls	17482	0254495	SBR	2.7	3.6	2.8	4.0	0.5	4.1	2.0	2.4	5.1	2.0	26.0		2.3	3.6	3.0		4.6
Broadway West	15563	0227056	Cromaglass	2.0	4.0	3.0	1.0	4.0	4.9	4.1	3.2	3.0	1.5		4.6	33.9	2.0	2.0		5.2
Brookhaven Hospital	00011	0074730	SBR	6.4	2.7	8.6	3.2	2.2	6.0	1.7	3.7	3.7	5.2	9.8	15.7	5.8	2.1	2.4		5.3
Brookwood on the Lake	00015	0136492	Ext aer denite filter	20.4	4.1	7.3	13.7	8.2	9.7	6.1	6.2	10.7	14.3	39.3	10.5	4.7	20.2	10.1	14.8	12.5
Cabrini Gardens	19596	0253502	Cromaglass	12.6	10.3	15.6	5.4	4.9	4.8	6.2	3.0	32.6	12.9	34.2	36.4	N/D	4.5	6.8		13.6
Cenacle Manor	08982	0237736	SBR	7.7	6.0	8.0	5.6	3.4	3.5	3.3	4.5	10.2	5.7	5.9	13.6	6.4	3.7	3.4		6.1
Chelmsford Weald Condo	18205	0254452	Cromaglass	2.0	9.6	7.6	4.1	6.2	11.5	5.2	3.5	8.6	6.5	5.1	4.5	17.1	11.1	6.0		7.2
Country Pointe	15560	0253146	SBR	6.4	6.7	9.6	9.1	1.6	1.4	10.5	9.8	5.4	4.4	5.9	10.9	9.4	17.0	14.2		8.1
Country View	11489	0238848	SBR	14.5	38.5	28.7	26.7	22.3	60.4	18.7	24.8	57.7	49.4	11.0	13.5	27.5	39.3	4.7		29.2
Country View Smithtown	18207	0272906	Cromaglass	2.0	4.0	3.0	2.0	3.0	3.4	2.7	3.0	3.0	3.7		4.6	1.8	0.4	3.2		2.8
Courtyard at Southampton	17367	0254941	Cromaglass	2.4	7.8	2.1	9.3	16.8	14.0	15.5	3.6	4.2	3.5	4.7	5.7	16.8	22.4	9.8		9.2
Dowling	00030	0077356	RBC denite filter	1.5	2.8	2.8	1.9	2.0	2.2	0.1	0.4	1.5	2.2	3.0	36.4	1.8	4.1	14.2		5.1
Eagles walk	16101	0253286	Cromaglass	8.0	3.0	3.0	2.0	1.0	2.7	3.4	2.7	8.0	2.8		3.4	9.1	7.3	2.3		4.2
East Hampton Scavenger	00031	0199079	RBC denite filter																	
Emanon	15902	0266418	Cromaglass	60.3	29.7	41.0	17.8	20.4	27.0	15.6	27.5	12.2	13.5	5.9	16.3	66.5	26.3	14.6		26.3
Emerald Greens	00032	0077453	SBR	8.5	2.5	2.5	2.6	2.5	6.0	4.1	2.5	32.4	8.5	4.5		7.9	2.5	33.1		8.6
Exit 63	15864	0253154	SBR	3.3	4.1	4.9	4.8	8.4	8.9	3.7	5.7	5.4	7.2	2.7	3.6	5.0	6.4	8.3		5.5
Fairfield at Mastic	19238	0273490	Cromaglass	2.6	7.1	19.1	17.4	10.6	3.8	9.4	3.4	7.9	9.1	7.3	15.9	20.0	9.5	2.7		9.7
Fairfield at Selden	15059	0253081	SBR	2.8	1.7	16.8	6.7	6.0	5.5	3.1	8.5	N/D	5.2	4.5	12.8	6.7	13.5	6.0		7.1
Fairfield Inn by Marriott	11516	0254541	Cromaglass	21.2	28.6	48.3	15.5	8.0	8.0	29.7	18.8	23.6	11.2	45.4	11.0	23.4	13.3	8.5		21.0
Fairfield Lk Ronk	16995	0253545	Cromaglass	1.8	2.2	14.0	8.9	4.3	15.0	5.5	3.7	N/D	11.5	4.6	27.9	16.7	3.6	8.1		9.1
Fairway Manor	01868	0238406	Ext aer denite filter	16.4	12.5	45.7	37.8	0.5	35.5	31.2	35.4	28.4	7.4	34.2	28.6			33.7	29.6	26.9
Fox Meadows	05115	0196339	Ext aer denite filter	23.0	13.4	12.8	9.6	9.8	15.1	35.6	15.7	24.0	6.0	16.8	15.0	24.1	25.7	24.3	27.0	18.6
Greenview Commons	15688	0253227	SBR	10.0	4.3	7.0	9.1	7.2	6.9	8.1	6.1	7.2	7.1	6.4	5.5	4.1	9.8	5.4		6.9
Greenview Court	14699	0226254	Cromaglass	10.5	6.3	26.9	6.8	13.6	32.9	33.6	7.5	25.0	23.4	14.6	26.5	5.9	5.6		34.9	18.3



Greenwood @ Oakdale	06926	0210382	Ext aer denite filter	5.6	5.0	6.8	5.3	4.8	3.4	3.4	4.9	3.1	3.7	3.3	1.6	45.7	2.6	22.7		8.1
Greenwood Village	01543	0194212	Ext aer denite filter	1.6	18.5	9.6	2.0	4.8	2.7	6.7	3.0	6.1	4.5	7.4	8.9	16.2	1.3	3.1	16.9	7.1
Gurwin Assist.	15778	0253111	SBR	2.8	3.1	2.7	1.3	7.8	15.4	1.4	2.0	2.4	3.4	4.2	7.7	6.7	2.4	6.4		4.6
Gurwin Geriatric	06258	0197777	SBR	3.6	13.7	8.9	5.5	7.4	15.4	16.8	2.8	6.8	7.3	12.2	2.6	7.2	5.4	16.4		8.8
Hampton Rehab Center	14649	0253138	SBR	2.5	2.6	1.3	2.2	2.2	3.5	2.8	2.5	2.2	2.0	3.9	3.0	1.8	2.4	2.9		2.5
Hawthorne Court	00027	0077402	SBR	9.1	7.3	7.0	4.7	2.8	4.1	3.6	1.6	2.2	2.7	2.6	2.4	6.2	3.8	2.5		4.2
Heatherwood @ Holbrook	00049	0077372	BESST	5.0	2.8	8.0	10.2	7.7	4.0	9.8	6.4	6.9	6.3	7.1		12.4	11.2	5.8		7.4
Heatherwood @Lakeland	00026	0077321	Ext aer denite filter	3.9	7.2	6.0	6.2	3.9	4.0	3.4	3.4	2.5	2.5	2.5		9.9	3.4	2.9		4.4
Hidden Ponds	05229	0196282	Ext aer denite filter	21.0	20.8	30.0	20.8	15.3	2.5	2.5	2.5	3.9	15.3		11.0	14.9	2.3	6.5	11.5	
Hilton Gardens	16429	0253219	SBR	11.0	7.6	7.6	2.3	4.8	11.0	4.4	4.3	11.1	2.0	3.1	20.3	16.2	7.2	4.5		7.8
Holiday Inn Express	15678	0227285	Cromaglass	2.9	4.1	3.4	1.4	4.9	12.0	4.0	3.1	4.8	3.2	3.1	2.2	4.0	11.6	2.3		4.5
Holiday Inn	00073	0080705	Ext aer denite filter	2.5	24.0	24.0	3.3	2.5	2.5	2.5	2.5	2.5	2.5	5.7		26.9	2.3	1.2		7.5
Holt Hotel	16981	0253430	SBR	15.8	5.8	3.5	8.6	0.5	4.1	6.5	13.1	13.1	2.0	4.8	4.7	9.2	3.1	16.7		7.4
Homestead Village	00053	0079383	Ext aer susp denite	33.0	34.0	30.0	29.1	28.0	9.0	3.4	3.5	19.8	2.5	15.3		35.9	15.5	6.6		19.0
Huntington Village	00054	0021342	SBR/RBC Scavenger	13.7	13.6	12.3	10.6	3.3	2.3	2.1		2.4	2.6	3.7	3.3	5.2	0.8	0.8		5.5
IRS	00055	0079413	SBR	25.4	1.3	2.7	9.1	2.6	4.5	3.1	5.6	2.7	10.9		5.6	23.7	4.8	8.6		7.9
Island View	15071	0252981	SBR	7.2	6.6	5.9	5.9	7.9	10.6	5.6	6.8	9.9	7.3	15.0	7.7	6.8	6.8	7.5		7.8
Islandia Center	08374	0220493	Ext aer denite filter	12.0	25.0	2.5	4.8	2.5	2.5	12.3	2.5	2.5	2.5	2.5		28.1	1.8	2.7		7.4
La Quinta	17954	0254487	Cromaglass	2.4	5.4	3.8	2.5	1.2	2.4	6.1	4.2	1.6	1.8	3.5	3.4	1.4	1.9	4.7		3.1
Lake Grove	00061	0079499	SBR	5.1	1.5	4.7	3.1	5.5	3.1	2.1	3.5	2.3	3.4	4.4	1.0	2.6	1.8	3.8		3.2
Lake Pointe	00131	0180548	Ext aer denite filter	19.0	10.4	22.0	18.5	53.1	21.0	24.5	36.5	30.9	2.5	26.3		19.9	36.1	35.3		25.4
Lakes @ Setauket	05652	0198323	RBC denite filter	41.0	5.0	8.0	5.0	7.2	7.6	13.0	6.7	3.5	N/D	7.0		6.2	5.2	7.1	24.1	10.5
Lakeview Woods Bayport	18439	0255386	Cromaglass	2.1	1.8	14.4	8.4	6.9	4.2	4.2	12.4	N/D	15.1	13.6	27.3	14.8	10.5	22.0	6.4	10.9
Larkfield Gardens Atria	11060	0209325	SBR	6.9	6.4	7.0	7.7	6.1	7.0	5.7	5.6	5.3	3.7	2.4	6.9	5.9	3.3	8.4		5.9
Loehmans Plaza	04420	0196363	RBC denite filter	2.3	2.5	2.7	3.9	2.7	3.1	2.2	1.2	1.6	1.5	1.5	2.2	1.5	1.4	0.9		2.1
Mac Arthur Plaza	05836	0197432	Ext aer denite filter	N/D	34.1	12.1	16.7	22.0	7.5	2.9	3.1	64.2	11.0	26.8	65.3	4.0	37.2	26.0		23.8
Marriott Courtyard	16024	0253162	SBR	1.7	5.6	2.5	1.5	2.5	2.0	2.6	1.0	2.7	6.7	3.3	1.6	2.2	14.0	6.8		3.8
Medford multicare center	16413	0253383	SBR	14.1	4.7	6.7	4.8	5.2	5.4	3.5	4.1	4.3	7.6	13.7	5.4	7.0	5.8	14.1		7.1
Medford Hamlet Assisted Li	16231	0253511	SBR	3.8	7.5	3.6	3.9	6.3	10.5	5.8	3.7	9.8	8.1	1.2	4.8	1.1	18.2	5.0		6.2
Medford Ponds	17171	0254509	BESST	8.0	11.0	4.3	6.9	8.5	7.3	6.8	7.6	10.8	5.6	8.8		11.6	6.5	7.4		7.9
Melville Mall	00122	0068080	RBC denite filter	73.1	51.9	45.8	58.5	N/D	38.0	N/D	N/D	N/D	N/D	N/D	N/D	63.1	N/A			55.1
Mirror Ponds	07810	0253308	SBR	5.0	4.0	5.0	9.9	3.1	6.0	2.7	2.5	3.3	3.7	4.4		6.9	12.0	27.9		6.9
Montauk Manor	05653	0195952	Oxidation ditch	N/D	N/D	N/D	N/D	24.0	24.0	11.4	29.3	22.5	54.0	N/D	N/D			15.2		25.8
Nesconset NH	03635	0193470	Ext aer denite filter	22.5	15.8	11.3	11.7	4.8	7.0	11.1	2.1	16.6	6.4	10.4	15.5	43.3	13.8	10.3		13.5
Newsday	02037	0136751	SBR	5.4	5.4	3.3	1.4	3.3	4.2	3.6	2.4	3.7	4.4	4.1	1.7	5.9	3.6	6.7		3.9
North Isle	00067	0079430	Ext aer denite filter	31.7	29.2	27.1	21.6	23.8	23.8	24.1	27.6	36.0	32.5	39.0	40.8					29.8
Northport VA	00068	0069159	Ext aer susp denite	2.3	3.8	N/D	1.0	3.5	1.7	6.2	1.9	2.8	4.0	1.1		3.9	1.2	10.9		3.4
Northport Village	00069	0024881	Ext aer susp denite	6.4	7.3	9.0	7.2	9.6	8.7		6.9	9.1	7.0	5.4	7.9	7.3	7.2	1.6		7.2
Oak Creek Commons	19237	0272990	Cromaglass	36.2	19.9	26.6	14.4	5.7	7.9	33.9		44.4	6.1	9.4	4.6	15.6	8.4	16.5		17.8



Oak Hollow	00144	0079456	Ext aer denite filter	4.4	4.0	8.1	3.6	4.1	5.0	2.7	6.1	5.0	2.6	6.6	4.3	5.5	11.3	10.7	13.0	6.1
Oak Tree Dairy	00070	0070106	SBR	16.2	4.0	4.6	7.4	6.1	14.8	1.8	6.9	12.1	1.9	4.2	4.0	4.7	14.7	11.4		7.6
Oakwood Care (Affinity)	15579	0253120	SBR	3.7	7.6	3.3	5.6	5.8	9.0	3.1	2.5	2.5	3.4	3.5	5.1	9.4	6.0	3.4		4.9
Patch NH	00076	0080454	Ext aer denite filter	19.0	12.1	16.9	20.2	20.1	68.2	30.8	31.9	18.2	16.7	10.2	23.0	24.4	23.3	23.3	11.0	23.1
Patch Senior Conifer	16128	0253316	SBR	5.5	4.6	7.0	4.7	7.5	7.9	6.4	4.3	3.7	8.2	6.2	5.4	5.5	3.2	2.4		5.5
Patchogue Village	00077	0023922	Aerotor/mbr	7.5	4.0	4.5	3.9	4.4	4.7	3.9	4.1	3.8	4.0	2.7	5.1	3.4	3.5	1.6		4.1
Paumanok	00078	0137065	Ext aer denite filter	37.0	33.8	35.3	2.6	3.8	3.2	3.2	14.3	4.1	4.9	4.2	9.7	35.4	1.9	2.1	1.6	12.3
Petite Fleur	09043	0220990	Ext aer denite filter	16.3	2.8	1.4	1.9	6.9	10.5	8.0	1.7	5.1				19.0	10.9	0.5		7.1
Pine Hills	00080	0079405	Ext aer denite filter	5.8	2.5	12.0	2.5	6.6	4.0	1.9	2.5	2.5	2.5	2.5		8.6	1.4	1.8	1.4	3.9
Pinewood Gardens	18206	0254525	Cromaglass	8.0	45.0	15.0	12.0	5.0	5.7	8.5	4.5	12.0	6.5		8.1	47.3	3.0	10.9	7.9	13.3
Preserves	17903	0254479	Cromaglass	40.0	35.0	32.0	22.7	22.5	5.6	9.8	8.5	19.2	9.7	3.8		45.5	15.1	4.1	7.0	18.7
Quail Run	00082	0065391	SBR	12.1	8.8	7.0	5.2	6.2	9.2	9.5	9.3	10.1	9.7	7.6	12.4	13.2	10.5	11.8		9.5
Radisson Hotel	06027	0209597	Ext aer denite filter	31.5	5.1	5.3	1.4	3.8	5.1	0.3	9.4	16.0	6.8	3.4	14.6	27.2	3.3	31.0		10.9
Residence Inn	16046	0266337	Cromaglass	2.0	7.7	3.4	2.6	3.4	4.1	6.6	2.1	17.1	1.6	6.4	10.8	3.2	5.9	17.0		6.3
Rough Riders Landing	05819	0195995	Oxidation ditch	N/D	N/D	N/D	N/D	18.0	6.7	10.5	2.5	14.3	18.0	N/D	N/D					11.7
Saddle Brook	16675	0253529	Cromaglass	7.4	7.3	10.5	12.9	20.3	17.4	14.6	7.1	12.7	8.5	6.3	10.2	6.5	14.6	6.1		10.8
Sag Harbor	00089	0028908	SBR	1.6	2.2	2.3	2.5	3.1	3.8	2.9	4.2	3.0	N/D	N/D	1.2	1.4	2.8	1.2		2.5
Sagamore Hills	00088	0065455	SBR	5.5	5.4	5.3	2.4	8.3	9.0	7.3	8.9	9.5	12.2	14.7	5.3	4.4	7.6	7.9		7.6
Sayville Commons	15824	0253235	SBR	3.6	5.5	4.7	3.6	1.9	5.4		4.0	5.6	5.2	2.5	4.6	4.9	2.8	3.2		4.1
SCC Riverhead	00107	0078131	SBR	4.5	4.0	6.4	4.9	10.0	7.5	1.5	0.7	1.9	3.7	3.3	5.5	6.0	5.4	1.4		4.4
SCC Selden	00108	0079481	Ext Aer RBC denite	4.6	4.6	2.4	1.8	3.4	2.2	0.9	0.7	1.0	4.7	2.2	2.3	0.4	3.5	1.5		2.4
SD # 1 Port Jefferson	00110	0021750	SBR	5.0	6.0	5.0	4.0	5.0	4.0	5.0	6.0	N/D	5.0	4.0	4.0	6.2	4.2	3.9		4.8
SD # 12 Birchwood	00384	0079511	Ext aer susp denite	7.6	6.0	3.1	3.4	2.9	4.3	4.5	3.7	2.4	10.0	4.4	3.0	2.8	3.0	1.5		4.2
SD # 13 wind Watch	00025	0077429	Ext aer denite filter	3.8	5.1	5.9	4.9	7.8	4.2	4.0	5.1	3.0	6.4	5.5	5.2	8.1	2.7	5.6		5.2
SD # 14 Parkland	00119	0065358	Ext aer denite filter	3.9	5.1	5.1	3.6	4.2	2.7	3.6	2.6	2.3	2.7	3.2	2.7	3.7	1.3	1.5		3.2
SD # 15 Nob Hill	00120	0077330	Ext aer susp denite	8.0	7.5	5.8	7.9	4.1	3.5	5.4	3.7	3.7	9.8	3.7	9.1	5.4	9.3	7.0		6.3
SD # 18N Heartland	00046	0084514	Ext aer denite filter	10.4	11.5	8.9	7.7	9.6	4.8	12.7	3.7	4.1	6.6	7.6	7.2	10.8	5.2	2.8		7.6
SD # 18S Haup Ind. Park	00106	0136964	RBC denite filter	21.9	11.7	6.1	9.2	15.5	31.3	37.3	####	6.6	9.4	12.2	11.8	28.5	8.3	8.4		22.1
SD # 2 Tallmadge	09594	0221678	SBR	4.5	3.9	3.0	2.6	4.9	3.0	5.0	3.4	3.2	7.4	3.8	5.4	3.7	1.8	1.1		3.8
SD # 20W Leisure Village	00062	0079359	SBR	3.8	3.8	4.0	3.4	4.3	4.9	4.7	6.0	3.4	4.3	4.9	9.3	4.0	2.8	6.0		4.6
SD # 21 SUNY	06769	0206644	Oxidation ditch	3.2	8.0	5.3	5.9	3.4	2.5	3.6	2.8	3.8	4.2	5.3	5.6	5.0	2.6	5.6		4.5
SD # 22 Hauppauge CC	00045	0066028	Ext aer susp denite	15.4	13.9	10.8	2.1	9.4	3.6	4.0	3.7	4.2	4.6	7.3	9.7	28.6	4.1	3.0		8.3
SD # 23 Coventry Manor	00029	0080667	RBC denite filter	4.9	4.5	3.7	6.6	6.6	6.8	5.4	4.5	3.5	4.7	7.5	10.6	2.6	5.8	2.8		5.4
SD # 28 FairfieldSt James	00036	0091081	Ext aer denite filter	6.4	5.3	5.3	7.1	9.2	5.5	4.7	5.6	4.3	6.8	28.1	15.1	7.9	5.4	3.6		8.0
SD # 5 Strathmore Hunt.	00113	0070033	SBR	8.5	7.7	3.3	4.6	6.9	13.4	3.1	2.6	4.5	6.5	6.1	4.1	11.4	N/D	1.1		6.0
SD # 6 Kings Park	00114	0023311	SBR	5.3	7.0	4.6	3.4	4.9	3.5	4.2	3.0	3.1	5.0	4.6	6.5	3.7	N/D	5.4		4.6
SD # 7 Twelve Pines	00374	0080683	Ext aer denite filter	8.1	4.8	5.0	4.5	3.9	6.0	4.4	4.2	4.4	5.0	3.3	6.1	3.2	2.1	1.9		4.5
SD # 7 Woodside	00386	0076988	Ext aer susp denite	14.1	8.6	6.4	3.0	5.6	3.4	2.7	2.6	3.3	5.8	5.7	7.8	5.0	3.3	1.3		5.2
SD # 9 College Park	00116	0065447	Ext aer denite filter	3.4	2.3	7.2	4.2	2.3	2.2	2.2	3.3	1.7	2.9	2.4	2.8	4.9	0.9	1.1		2.9

SD #11 Selden	00118	0079324	SBR	5.3	5.3	2.2	3.5	3.0	4.7	3.5	4.3	2.9	2.9	2.0	2.3	3.8	3.9	2.5		3.5
SD 20E Ridgehaven	00083	0226688	Ext aer denite filter	9.8	6.4	6.2	5.6	6.8	9.3	4.5	5.6	5.7	7.3	8.3	8.5	5.5	6.0	6.4		6.8
SD Gabreski Airport	13012	0226971	SBR	5.3	6.6	8.3	5.9	4.2	2.8	2.8	5.1	4.5	3.3	7.7	3.4	3.9	7.7	5.1		5.1
SD Yaphank CC	00140	0085693	RBC denite filter	5.2	4.4	5.6	9.1	11.8	8.8	7.9	8.3	6.8	6.0	7.4	8.2	4.8	8.3	6.6		7.3
Setauket Meadows	17737	0254517	SBR	22.3	10.8	10.7	12.5	11.7	10.2	11.5	10.9	11.9	16.0	12.3	16.3	23.7	24.5	13.5	50.5	16.8
S-Hampton Commons	00098	0179213	SBR	7.1	1.4	1.0	5.3	4.6	3.6	5.9	2.1	1.4	1.4	2.0	3.2	0.4	3.6			3.1
SHampton Hospital	00145	0065374	RBC denite filter	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	8.7	3.0	2.8		4.8
Silver Ponds	06206	0210269	RBC denite filter	19.5	7.6	27.4	26.4	21.0	22.4	17.8	11.0	17.2	31.0	23.6	18.8	29.8	12.9	32.5	12.3	20.7
Smithaven Mall	00096	0080446	SBR	3.7	3.8	5.3	4.8	3.5	5.6	4.3	5.7	6.0	3.7	4.0	4.4	2.6	3.5	3.7		4.3
Smithtown Galleria	12842	0252824	SBR	4.9	2.7	6.5	4.3	4.2	5.4	4.4	4.6	3.6	2.2	2.8	3.5	4.3	2.7	2.1		3.9
Southern Meadows	00004	0077364	SBR	3.6	3.8	4.9	4.1	3.6	3.8	3.5	3.6	4.0	4.3	4.5	5.9	1.8	2.5	2.4		3.8
Springhorn	09172	0226963	Cromaglass	18.7	21.9	39.1	40.7	0.5	22.4	43.6	41.4	41.9	3.7	18.8	23.1	26.8	46.9	48.6	34.6	29.5
Spruce Ponds	14615	0252972	SBR	10.0	4.5	2.5	5.5	4.6	3.6	3.4	2.5	2.5	5.6	4.2		6.0	4.6	9.5		4.9
St Annes	15866	0266329	Cromaglass	20.8	17.6	20.9	20.3	15.0	21.2	16.0	19.1	16.0	16.0	32.7	31.2	20.6	22.0	31.1	30.1	21.9
St James NH	00090	0074292	Ext aer denite filter	5.5	4.7	7.4	4.4	3.0	3.2	1.5		3.6	3.2	4.2	13.7	19.6	20.8	1.1		6.9
Stone Ridge at Dix Hills	17682	0253171	Cromaglass	8.5	9.9	7.3	6.0	4.4	4.3	5.9	11.0	4.7	4.0	2.7	4.0	10.3	31.8	5.9		8.0
Stonehurst III	10439	0239011	SBR	2.5	1.7	17.4	6.0	4.6	6.3	2.9	3.6	N/D	4.5	19.8	6.2	8.5	2.9	2.5	3.0	6.2
Stonington	06025	0210161	SBR	8.8	9.9	7.8	11.5	7.0	6.5	5.9	6.5	6.4	5.0	4.3	4.2	19.9	2.5	4.5		7.4
Stony Hollow	00128	0079529	SBR	4.0	12.0	11.0	16.7	20.0	21.0	14.1	6.7	7.2	N/D	5.8		16.3	11.3	16.5	29.5	13.7
Stratford Green	00105	0077461	SBR	0.8	5.7	5.2	3.7	3.6	6.4	2.1	3.7	6.1	2.2	2.5	3.4	6.2	4.0	2.7		3.9
Strathmore on the Green	06024	0253065	Ext aer denite filter	3.7	2.9	3.8	3.7	5.4	5.6	3.6	1.0	1.3	5.1	5.5	7.8	5.7	1.8	2.1		3.9
Sunrise Smithtown	15060	0226998	Cromaglass	4.0	5.0	4.0	1.0	4.0	3.9	3.6	1.4	2.0	5.7			1.7	4.6			3.4
Sunrise Dix Hills	15557	0226882	Cromaglass	1.0	5.0	3.0	1.0	3.0	3.1	4.5	1.4	3.0	4.7		2.6	9.7	4.4	2.5		3.5
Sunrise E. Setauket	15901	0266442	Cromaglass	1.0	4.0	2.0	2.0	2.0	2.7	3.1	2.4	3.0	1.6		3.4	3.5	2.2	3.0		2.6
Sunrise Holbrook	15561	0227226	Cromaglass	5.0	3.0	2.0	1.0	3.0	2.4	3.1	2.5	3.0	5.8		4.4	4.1	37.1	3.1		5.7
Sunrise Village	04409	0195758	SBR	12.4	11.1	13.1	5.8	5.0	6.4	5.7	4.0	8.7	9.7	3.1	0.5	10.8	2.6	6.7		7.0
The Inn @ East Winds	16364	0253421	Cromaglass	5.0	3.0	5.0	2.0	1.0	2.0	3.0	3.0	3.0	3.0	1.0	4.0	15.3	2.7	0.6		3.6
The Greens	00109	006871	SBR	6.0	5.3	6.3	6.6	5.7	4.2	8.2	5.0	8.8	5.8	6.7	5.4	8.5	4.9	9.1		6.4
Valley Forge	00129	0065331	SBR	3.2	7.3	7.4	2.5	8.1	3.0	3.1	5.6	3.5	14.3	6.2	5.9	8.2	7.3	5.7		6.1
Victorian Gardens	014528	0253090	SBR	15.0	6.5	20.3	14.4	40.5	32.0	12.3	5.2		2.5	5.8	8.7	6.0	31.1	3.6	43.9	16.5
Victorian Homes	15135	0226858	SBR	39.6	60.7	56.3	44.0	44.2	41.5	42.0	39.4	40.8	46.4	25.7	24.6	48.1	49.1	11.6		40.9
Village in the Woods	00130	0078123	Ext aer denite filter	13.0	32.0	37.0	42.7	44.0	38.0	44.3	48.0	38.3	32.7	73.4		8.7	11.6	57.8		37.3
Villages @ Lake Grove	17257	0254720	SBR	7.2	7.1	8.8	6.7	5.5	8.9	2.9	2.9	5.1	5.3	3.9	6.1	5.3	6.7	5.0		5.8
Villas @ Medford	15761	0227323	Cromaglass	1.3	1.6	18.1	9.4	6.8	4.3	5.3	4.7	N/D	5.8	22.6	13.7	5.8	13.1	9.4		8.7
Vinyards @ E. Morriches	18141	0254819	Cromaglass	6.7	17.6	7.1	6.5	4.5	3.3	6.1	4.9	6.0	6.7	7.4	38.6	21.0	10.6	6.4	21.0	10.9
Walden Ponds	16852	0253375	SBR	5.2	5.6	7.7	5.9	7.7	13.7	8.0	5.6	12.1	6.3	3.8	6.6	7.1	6.7	13.2		7.7
Waterways	05673	0198480	Ext aer denite filter	6.0	6.3	3.6	1.3	2.8	0.7	8.7	0.8	1.0	1.4	4.7	5.6	10.8	8.3	2.2		4.3
West Hampton NH	08196	0210901	Ext aer denite filter	6.3	5.7	2.6	3.4	3.2	1.7	15.7	3.5	1.0	2.3	1.0	3.3	2.3	13.7	5.0		4.7
Westhampton Pines	17301	0254550	SBR	2.8	5.8	2.0	9.7	12.2	8.9	7.5	4.3	12.8	2.7	11.6	3.2	6.7	8.4	14.4		7.5

Whispering Pines	00075	0066559	Ext aer denite filter	8.7	8.3	7.0	4.5	4.8	6.8	6.7	5.7	5.9	7.9	7.3	6.8	4.6	4.2	1.8		6.1
Willow Ponds	17190	0253197	SBR	3.7	5.7	2.9	5.6	2.7	6.6	3.0	7.1	5.7	2.0	4.7	5.6	3.7	2.6	1.8		4.2
Windbrooke	00136	0077411	SBR	5.0	4.8	5.0	4.8	5.1	7.0	3.0	5.4	3.8	3.8	20.6		6.4	4.8	5.8		6.1
Woodbridge	14700	0226777	Cromaglass	2.9	18.7	5.9	6.2	3.0	7.7	3.9	8.8	9.1	3.6	7.4	8.4	11.5	8.0	9.7		7.7
Woodcrest	09132	0210684	SBR	7.5	9.9	15.3	11.4	4.4	7.2	11.1	7.9	6.9	5.8	4.9	27.0	8.9	5.2	9.7	13.7	9.8
Woodhull	00138	0079341	BESST	5.5	23.4	7.0	3.4	6.5	8.0	3.0	4.9	5.7	9.8	4.8	6.2	6.3	8.4	11.0		7.6
Yardarm	00139	0074365	RBC denite filter	N/D	N/D	N/D	N/D	N/D	N/D	46.1	N/D	4.4	10.9	N/D	N/D			52.3		28.4

9.4

Notes:

NISS - STP was Not in Steady State. Average TN not included in TN average.

OOC - STP was covered under an Order on Consent. Average TN not included in TN average.

Birchwood on the Green -An OOC was completed July 2011. TN results after July 2011 averaged 8.7.

Brookwood on the Lake -The Biodisc and Denite Filter were under repair in October and November 2011. TN results for these months were not included in the average.

Courtyards @ Southampton -An OOC was completed April 2011. TN results after April 2011 averaged 5.2.

Lakes @ Setauket -An OOC was completed May 2011. TN results after May 2011 averaged 10.0.

Mac Arthur Plaza -An OOC was completed May 2011. TN results after May 2011 averaged 12.3.

Medford Multicare Center -The Aeration system was under repair June through August. TN results for the period when the plant was operational averaged 6.3.

Patchou Village -A new STP was completed May 2011. TN results after May 2011 averaged 5.3.

Saddle Brook -An OOC was completed May 2011. TN results after May 2011 averaged 5.1.

Valley Forge -A new STP was completed August 2011. TN results after August averaged 4.7.

Victorian Gardens -An OOC was completed May 2011. TN results after May 2011 averaged 7.3.

Vinyards @ E. Morriches -Reached steady state May 2011. TN results after April 2011 averaged 7.5.